

# CITATION REPORT

List of articles citing

## Stereotactic body radiation therapy: the report of AAPM Task Group 101

**DOI: 10.1118/1.3438081**

**Medical Physics, 2010, 37, 4078-101.**

**Source:** <https://exaly.com/paper-pdf/48777837/citation-report.pdf>

**Version:** 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
1414	Verification of monitor unit calculations for non-IMRT clinical radiotherapy: report of AAPM Task Group 114. <i>Medical Physics</i> , <b>2011</b> , 38, 504-30	4.4	62
1413	Emission-guided radiation therapy: biologic targeting and adaptive treatment. <b>2010</b> , 7, 989-90		4
1412	Monte Carlo simulation of the dynamic micro-multileaf collimator of a LINAC Elekta Precise using PENELOPE. <b>2011</b> , 56, 3417-31		12
1411	Stereotactic radiosurgery and hypofractionated stereotactic radiotherapy: normal tissue dose constraints of the central nervous system. <b>2011</b> , 37, 567-78		35
1410	Comparative study of respiratory motion correction techniques in cone-beam computed tomography. <b>2011</b> , 100, 356-9		32
1409	Histology-Specific Metastasis. <b>2011</b> , 331-343		
1408	Advances in treatment techniques: stereotactic body radiation therapy and the spread of hypofractionation. <b>2011</b> , 17, 177-81		21
1407	Evaluation of volumetric modulated arc therapy for cranial radiosurgery using multiple noncoplanar arcs. <i>Medical Physics</i> , <b>2011</b> , 38, 5863-72	4.4	72
1406	A method for deriving a 4D-interpolated balanced planning target for mobile tumor radiotherapy. <i>Medical Physics</i> , <b>2012</b> , 39, 195-205	4.4	7
1405	Experience of micromultileaf collimator linear accelerator based single fraction stereotactic radiosurgery: tumor dose inhomogeneity, conformity, and dose fall off. <i>Medical Physics</i> , <b>2011</b> , 38, 1239-47	4.4	20
1404	Stereotactic Ablative Radiotherapy for Early Stage Lung Cancer. <b>2011</b> , 343-361		
1403	Tumor hypoxia is an important mechanism of radioresistance in hypofractionated radiotherapy and must be considered in the treatment planning process. <i>Medical Physics</i> , <b>2011</b> , 38, 6347-50	4.4	31
1402	Multidisciplinary approach of colorectal liver metastases. <b>2011</b> , 13, 721-7		14
1401	Linac-Based Image Guided Intensity Modulated Radiation Therapy. <b>2011</b> , 275-312		
1400	Fast time-of-flight camera based surface registration for radiotherapy patient positioning. <i>Medical Physics</i> , <b>2012</b> , 39, 4-17	4.4	37
1399	Guidelines for preclinical and early phase clinical assessment of novel radiosensitisers. <b>2011</b> , 105, 628-39		110
1398	Dosimetric impact of a frame-based strategy in stereotactic radiotherapy of lung tumors. <b>2012</b> , 51, 603-9		5

1397	An international survey on liver metastases radiotherapy. <b>2012</b> , 51, 568-74		30
1396	Translational and rotational intra- and inter-fractional errors in patient and target position during a short course of frameless stereotactic body radiotherapy. <b>2012</b> , 51, 610-7		35
1395	Liver motion during cone beam computed tomography guided stereotactic body radiation therapy. <i>Medical Physics</i> , <b>2012</b> , 39, 6431-42	4.4	78
1394	Point/counterpoint: physicists who are responsible for high-tech radiotherapy procedures should have to be specially credentialed. <i>Medical Physics</i> , <b>2012</b> , 39, 7181-4	4.4	
1393	Localization of deformable tumors from short-arc projections using Bayesian estimation. <i>Medical Physics</i> , <b>2012</b> , 39, 7205-14	4.4	2
1392	Stereotactic body radiotherapy treatment of extracranial metastases. <b>2012</b> , 9, 654-65		35
1391	Characterization of a dynamic multi-leaf collimator for stereotactic radiotherapy applications. <b>2012</b> , 57, 4643-54		7
1390	Novalis and Varian Systems. <b>2012</b> , 53-65		1
1389	High-dose MVCT image guidance for stereotactic body radiation therapy. <i>Medical Physics</i> , <b>2012</b> , 39, 4812-4	4.4	10
1388	Verification of dosimetric accuracy on the TrueBeam STx: rounded leaf effect of the high definition MLC. <i>Medical Physics</i> , <b>2012</b> , 39, 6360-71	4.4	44
1387	The use and QA of biologically related models for treatment planning: short report of the TG-166 of the therapy physics committee of the AAPM. <i>Medical Physics</i> , <b>2012</b> , 39, 1386-409	4.4	153
1386	Assessing small-volume spinal cord dose for repeat spinal stereotactic body radiotherapy treatments. <b>2012</b> , 57, 7843-51		6
1385	Primary Liver Cancer. <b>2012</b> , 163-182		1
1384	An EPID based method for performing high accuracy calibration between an optical external marker tracking device and the LINAC reference frame. <i>Medical Physics</i> , <b>2012</b> , 39, 2771-9	4.4	5
1383	Grundlagen und Prinzipien der Hochpräzisionsbestrahlung. <b>2012</b> , 15, 54-62		1
1382	Practical methods for improving dose distributions in Monte Carlo-based IMRT planning of lung wall-seated tumors treated with SBRT. <b>2012</b> , 13, 4007		8
1381	Treatment Planning for Stereotactic Body Radiation Therapy. <b>2012</b> , 91-114		
1380	Optimal management of patients with stage I non-small-cell lung cancer and compromised cardiopulmonary function. <b>2012</b> , 1, 121-133		

1379 Launching a Stereotactic Body Radiation Therapy Program. **2012**, 115-122

1378	Clinical commissioning and use of the Novalis Tx linear accelerator for SRS and SBRT. <b>2012</b> , 13, 3729	35
1377	A review on the technical and dosimetric aspects of stereotactic body radiation therapy (SBRT). <b>2012</b> , 1, 317-322	1
1376	Treatment of non-small cell lung cancer patients with proton beam-based stereotactic body radiotherapy: dosimetric comparison with photon plans highlights importance of range uncertainty. <b>2012</b> , 83, 354-61	43
1375	Oligometastases treated with stereotactic body radiotherapy: long-term follow-up of prospective study. <b>2012</b> , 83, 878-86	329
1374	Failure mode and effect analysis for delivery of lung stereotactic body radiation therapy. <b>2012</b> , 83, 1324-9	52
1373	Evaluation of rotational errors in treatment setup of stereotactic body radiation therapy of liver cancer. <b>2012</b> , 84, e435-40	12
1372	Evaluation of the AAA Treatment Planning Algorithm for SBRT Lung Treatment: Comparison with Monte Carlo and Homogeneous Pencil Beam Dose Calculations. <b>2012</b> , 43, 26-33	7
1371	Quality and safety considerations in stereotactic radiosurgery and stereotactic body radiation therapy: Executive summary. <b>2012</b> , 2, 2-9	124
1370	An analysis of patient positioning during stereotactic lung radiotherapy performed without rigid external immobilization. <b>2012</b> , 104, 28-32	30
1369	Quality assurance for image-guided radiation therapy utilizing CT-based technologies: a report of the AAPM TG-179. <i>Medical Physics</i> , <b>2012</b> , 39, 1946-63	4-4 174
1368	Tomotherapy planning and image registration for planning CT image slice thickness for stereotactic radiosurgery. <b>2012</b> , 60, 137-141	
1367	Categorizing segmentation quality using a quantitative quality assurance algorithm. <b>2012</b> , 56, 668-78	4
1366	Dosimetric comparison of stereotactic body radiotherapy for spinal metastasis in cyberknife and helical tomotherapy. <b>2012</b> , 61, 2049-2053	
1365	[Difficulties encountered and solutions found when implementing stereotactic radiotherapy of non-small cell lung cancer]. <b>2012</b> , 16, 288-91	1
1364	The Canadian Association of Radiation Oncology scope of practice guidelines for lung, liver and spine stereotactic body radiotherapy. <b>2012</b> , 24, 629-39	167
1363	Stereotactic body radiation therapy for metastasis to the adrenal glands. <b>2012</b> , 12, 1613-20	7
1362	Audit tool for external beam radiation therapy departments. <b>2012</b> , 2, e39-e44	3

1361	Elekta System. <b>2012</b> , 79-90	1
1360	Stereotactic body radiation therapy for abdominal oligometastases: a biological and clinical review. <b>2012</b> , 7, 126	31
1359	Accuracy and inter-observer variability of 3D versus 4D cone-beam CT based image-guidance in SBRT for lung tumors. <b>2012</b> , 7, 81	71
1358	Clinical outcomes and toxicity using stereotactic body radiotherapy (SBRT) for advanced cholangiocarcinoma. <b>2012</b> , 7, 67	76
1357	Dosimetric evaluation of a conformal seven-field coplanar technique for planning lung stereotactic body radiotherapy. <b>2012</b> , 24, e24-30	4
1356	Implementation of a lung radiosurgery program: technical considerations and quality assurance in an Australian institution. <b>2012</b> , 56, 354-61	16
1355	Dose escalation with stereotactic body radiation therapy boost for locally advanced non small cell lung cancer. <b>2013</b> , 8, 179	35
1354	Late tumor pseudoprogression followed by complete remission after lung stereotactic ablative radiotherapy. <b>2013</b> , 8, 167	10
1353	Multi-institutional comparison of treatment planning using stereotactic ablative body radiotherapy for hepatocellular carcinoma - benchmark for a prospective multi-institutional study. <b>2013</b> , 8, 113	14
1352	CyberKnife radiosurgery for the management of skull base and spinal chondrosarcomas. <b>2013</b> , 114, 209-18	19
1351	Effect of variable dose rate on biologically effective dose. <b>2013</b> , 89, 889-97	3
1350	MR-guided focused ultrasound surgery, present and future. <i>Medical Physics</i> , <b>2013</b> , 40, 080901	4.4 75
1349	High-quality polycrystalline CVD diamond dosimeter: Low bias operation with intensity modulated photons and 62MeV protons. <b>2013</b> , 730, 129-134	3
1348	Radiation Dose Constraints for Organs at Risk: Modeling and Importance of Organ Delineation in Radiation Therapy. <b>2013</b> , 49-73	
1347	[Development of external quality control protocol for CyberKnife beams dosimetry: preliminary tests multicentre]. <b>2013</b> , 17, 288-96	0
1346	Compare the design of divisional target plan and single target plan for massive liver cancer. <b>2013</b> ,	
1345	ExacTrac Snap Verification: a new tool for ensuring quality control for lung stereotactic body radiation therapy. <b>2013</b> , 85, e89-94	4
1344	Stereotactic body radiotherapy for oligometastases. <b>2013</b> , 14, e28-37	326

1343	Stereotactic Body Radiotherapy for the Treatment of Spinal Metastases: An Overview of the University of Toronto, Sunnybrook Health Sciences Odette Cancer Centre, Technique. <b>2013</b> , 44, 126-133	16
1342	Extracranial stereotactic body radiotherapy. Review of main SBRT features and indications in primary tumors. <b>2013</b> , 18, 387-96	45
1341	Proton arc reduces range uncertainty effects and improves conformality compared with photon volumetric modulated arc therapy in stereotactic body radiation therapy for non-small cell lung cancer. <b>2013</b> , 87, 188-94	34
1340	Circumferential or sectored beam arrangements for stereotactic body radiation therapy (SBRT) of primary lung tumors: effect on target and normal-structure dose-volume metrics. <b>2013</b> , 38, 407-12	2
1339	Low toxicity for lung tumors near the mediastinum treated with stereotactic body radiation therapy. <b>2013</b> , 3, 130-7	9
1338	Microscopic disease extensions as a risk factor for loco-regional recurrence of NSCLC after SBRT. <b>2013</b> , 109, 26-31	15
1337	A moving target: Image guidance for stereotactic body radiation therapy for early-stage non-small cell lung cancer. <b>2013</b> , 3, 307-15	23
1336	Evaluation of 4D dose to a moving target with Monte Carlo dose calculation in stereotactic body radiotherapy for lung cancer. <b>2013</b> , 6, 233-40	5
1335	4D VMAT, gated VMAT, and 3D VMAT for stereotactic body radiation therapy in lung. <b>2013</b> , 58, 749-70	34
1334	Building motion models of lung tumours from cone-beam CT for radiotherapy applications. <b>2013</b> , 58, 1809-22	16
1333	Is abdominal compression useful in lung stereotactic body radiation therapy? A 4DCT and dosimetric lobe-dependent study. <b>2013</b> , 29, 333-40	56
1332	Radiation Therapy. <b>2013</b> , 180-197	10
1331	Commissioning of the Varian TrueBeam linear accelerator: a multi-institutional study. <i>Medical Physics</i> , <b>2013</b> , 40, 031719	4.4 110
1330	Effect of radiation protraction on BED in the case of large fraction dose. <i>Medical Physics</i> , <b>2013</b> , 40, 0817164	1
1329	Correlation of dose computed using different algorithms with local control following stereotactic ablative radiotherapy (SABR)-based treatment of non-small-cell lung cancer. <b>2013</b> , 109, 498-504	34
1328	Feasibility and toxicity of hypofractionated image guided radiation therapy for large volume limited metastatic disease. <b>2013</b> , 3, 316-22	19
1327	Patterns-of-care for thoracic stereotactic body radiotherapy among practicing radiation oncologists in the United States. <b>2013</b> , 8, 202-7	51
1326	The effect of irregular breathing patterns on internal target volumes in four-dimensional CT and cone-beam CT images in the context of stereotactic lung radiotherapy. <i>Medical Physics</i> , <b>2013</b> , 40, 0219044	4.4 43

1325	The use of stereotactic body radiation therapy for local control of glomangiomas: a case report. <b>2013</b> , 3, 26		3
1324	Stereotactic ablative radiotherapy in the UK: current status and developments. <b>2013</b> , 86, 20130331		21
1323	The RSSearch Registry: patterns of care and outcomes research on patients treated with stereotactic radiosurgery and stereotactic body radiotherapy. <b>2013</b> , 8, 275		24
1322	Investigating end-to-end accuracy of image guided radiation treatment delivery using a micro-irradiator. <b>2013</b> , 58, 7791-801		18
1321	Role of stereotactic body radiation therapy and proton/carbon nuclei therapies. <b>2013</b> , 19, 272-81		4
1320	Rationale for stereotactic body radiation therapy in treating patients with oligometastatic hormone-naïve prostate cancer. <b>2013</b> , 3, 293		17
1319	Toward a planning scheme for emission guided radiation therapy (EGRT): FDG based tumor tracking in a metastatic breast cancer patient. <i>Medical Physics</i> , <b>2013</b> , 40, 081708	4-4	10
1318	Experimentally studied dynamic dose interplay does not meaningfully affect target dose in VMAT SBRT lung treatments. <i>Medical Physics</i> , <b>2013</b> , 40, 091710	4-4	61
1317	Interfraction variation in lung tumor position with abdominal compression during stereotactic body radiotherapy. <i>Medical Physics</i> , <b>2013</b> , 40, 091718	4-4	29
1316	Calculating geometrical margins for hypofractionated radiotherapy. <b>2013</b> , 58, 319-33		23
1315	Monte Carlo calculation of dose distributions in oligometastatic patients planned for spine stereotactic ablative radiotherapy. <b>2013</b> , 58, 7107-16		5
1314	Developments in stereotactic ablative radiotherapy for the treatment of early-stage lung cancer. <b>2013</b> , 2, 129-139		
1313	Safety and efficacy of stereotactic body radiotherapy for stage 1 non-small-cell lung cancer in routine clinical practice: a patterns-of-care and outcome analysis. <b>2013</b> , 8, 1050-8		147
1312	Estimation of optimal margin for intrafraction movements during frameless brain radiosurgery. <i>Medical Physics</i> , <b>2013</b> , 40, 051716	4-4	7
1311	Collision indicator charts for gantry-couch position combinations for Siemens ONCOR and Elekta Infinity linacs. <b>2013</b> , 14, 278-83		7
1310	Point/Counterpoint. IGRT has limited clinical value due to lack of accurate tumor delineation. <i>Medical Physics</i> , <b>2013</b> , 40, 040601	4-4	12
1309	Validation of measurement-guided 3D VMAT dose reconstruction on a heterogeneous anthropomorphic phantom. <b>2013</b> , 14, 4154		33
1308	Negative margin technique - a novel planning strategy to improve dose conformation in SBRT using dynamic conformal arc delivery. <b>2013</b> , 14, 79-89		4

1307	Experimental validation of the van Herk margin formula for lung radiation therapy. <i>Medical Physics</i> , <b>2013</b> , 40, 111721	4.4	9
1306	A dosimetric evaluation of VMAT for the treatment of non-small cell lung cancer. <b>2012</b> , 14, 4110		34
1305	Evaluation of the cone beam CT for internal target volume localization in lung stereotactic radiotherapy in comparison with 4D MIP images. <i>Medical Physics</i> , <b>2013</b> , 40, 111709	4.4	11
1304	Lung SBRT: dosimetric and delivery comparison of RapidArc, TomoTherapy, and IMR. <b>2013</b> , 14, 4065		27
1303	Adenoviral transduction of human acid sphingomyelinase into neo-angiogenic endothelium radiosensitizes tumor cure. <b>2013</b> , 8, e69025		19
1302	Robotic stereotactic body radiation therapy for elderly medically inoperable early-stage non-small cell lung cancer. <b>2013</b> , 4, 35-42		
1301	Practical Considerations in Preparing an Institutional Procedure of Image Guided Radiation Therapy. <b>2013</b> , 24, 205		
1300	Evaluation of Real-time Target Positioning Accuracy in Spinal Radiosurgery. <b>2013</b> , 24, 290		
1299	Comparison of IMRT and VMAT Techniques in Spine Stereotactic Radiosurgery with International Spine Radiosurgery Consortium Consensus Guidelines. <b>2013</b> , 24, 145		19
1298	Comparison of the Dose Distributions with Beam Arrangements in the Stereotactic Body Radiotherapy (SBRT) for Primary Lung Cancer. <b>2014</b> , 25, 110		4
1297	Stereotactic Radiation Therapy Planning. <b>2014</b> , 383-393		
1296	Determination of acquisition frequency for intrafractional motion of pancreas in CyberKnife radiotherapy. <b>2014</b> , 2014, 408019		4
1295	Salvage Stereotactic Re-irradiation with CyberKnife for Locally Recurrent Head and Neck Cancer: A Single Center Experience. <b>2014</b> , 100, 278-283		4
1294	Study of Variation of Internal Target Volume between 4DCT and Slow-CT in Respiratory Patterns Using Respiratory Motion Phantom. <b>2014</b> , 25, 53		
1293	Hypofractionated stereotactic body radiation therapy for elderly patients with stage IIB-IV nonsmall cell lung cancer who are ineligible for or refuse other treatment modalities. <b>2014</b> , 5, 59-66		1
1292	Fully-deformable patient motion models from cone-beam CT for radiotherapy applications. <b>2014</b> , 489, 012034		2
1291	Surveillance or metastasis-directed Therapy for OligoMetastatic Prostate cancer recurrence (STOMP): study protocol for a randomized phase II trial. <b>2014</b> , 14, 671		81
1290	Stent-assisted coil embolization--response. <b>2014</b> , 121, 2-3		51



1289	Interfractional variations of tumor centroid position and tumor regression during stereotactic body radiotherapy for lung tumor. <b>2014</b> , 2014, 372738		3
1288	IMRT with Stereotactic Body Radiotherapy Boost for High Risk Malignant Salivary Gland Malignancies: A Case Series. <b>2014</b> , 4, 268		4
1287	GTV-based prescription in SBRT for lung lesions using advanced dose calculation algorithms. <b>2014</b> , 9, 223		31
1286	On the validity of density overrides for VMAT lung SBRT planning. <i>Medical Physics</i> , <b>2014</b> , 41, 081707	4.4	18
1285	Stereotactic ablative body radiation therapy for primary kidney cancer: a 3-dimensional conformal technique associated with low rates of early toxicity. <b>2014</b> , 90, 1061-8		45
1284	Ghost marker detection and elimination in marker-based optical tracking systems for real-time tracking in stereotactic body radiotherapy. <i>Medical Physics</i> , <b>2014</b> , 41, 101713	4.4	3
1283	Reproducibility of the MRI-defined spinal cord position in stereotactic radiotherapy for spinal oligometastases. <b>2014</b> , 113, 230-4		3
1282	Exploring Boron Neutron Capture Therapy for non-small cell lung cancer. <b>2014</b> , 30, 888-97		25
1281	Stereotactic ablative radiotherapy for pulmonary oligometastases and oligometastatic lung cancer. <b>2014</b> , 9, 1426-33		42
1280	Optimal set of grid size and angular increment for practical dose calculation using the dynamic conformal arc technique: a systematic evaluation of the dosimetric effects in lung stereotactic body radiation therapy. <b>2014</b> , 9, 5		11
1279	Feasibility study of stereotactic body radiotherapy for peripheral lung tumors with a maximum dose of 100 Gy in five fractions and a heterogeneous dose distribution in the planning target volume. <b>2014</b> , 55, 988-95		11
1278	Stereotactic body radiotherapy for metastatic and recurrent ewing sarcoma and osteosarcoma. <b>2014</b> , 2014, 418270		74
1277	Uncertainties of 4-dimensional computed tomography-based tumor motion measurement for lung stereotactic body radiation therapy. <b>2014</b> , 4, e59-65		5
1276	[Equipment and positioning technologies in stereotactic body radiation therapy]. <b>2014</b> , 18, 253-7		0
1275	Stereotactic ablative body radiation therapy with dynamic conformal multiple arc therapy for liver tumors: optimal isodose line fitting to the planning target volume. <b>2014</b> , 4, e7-e13		4
1274	Results of patient specific quality assurance for patients undergoing stereotactic ablative radiotherapy for lung lesions. <b>2014</b> , 37, 45-52		8
1273	Definition of stereotactic body radiotherapy: principles and practice for the treatment of stage I non-small cell lung cancer. <b>2014</b> , 190, 26-33		131
1272	The use of heterogeneity corrections and its impact on delivered dose in patients treated with stereotactic body radiotherapy of the lung. <b>2014</b> , 3, 73-80		

1271	Motion management for radical radiotherapy in non-small cell lung cancer. <b>2014</b> , 26, 67-80	44
1270	Point/Counterpoint. A 3D-conformal technique is better than IMRT or VMAT for lung SBRT. <i>Medical Physics</i> , <b>2014</b> , 41, 040601	4-4 23
1269	Stereotactic body radiotherapy: a critical review for nonradiation oncologists. <b>2014</b> , 120, 942-54	55
1268	Potential interest of developing an integrated boost dose escalation for stereotactic irradiation of primary prostate cancer. <b>2014</b> , 30, 320-5	4
1267	Dosimetric predictors of esophageal toxicity after stereotactic body radiotherapy for central lung tumors. <b>2014</b> , 112, 267-71	38
1266	Stereotactic Radiation Therapy. <b>2014</b> , 505-527	
1265	[Irradiation in stereotactic conditions: prerequisites]. <b>2014</b> , 18, 383-6	0
1264	Kilovoltage intrafraction motion monitoring and target dose reconstruction for stereotactic volumetric modulated arc therapy of tumors in the liver. <b>2014</b> , 111, 424-30	40
1263	Survival outcome after stereotactic body radiation therapy and surgery for stage I non-small cell lung cancer: a meta-analysis. <b>2014</b> , 90, 603-11	160
1262	Repeated stereotactic body radiotherapy for oligometastatic prostate cancer recurrence. <b>2014</b> , 9, 135	169
1261	Dosimetric feasibility of stereotactic body radiation therapy as an alternative to brachytherapy for definitive treatment of medically inoperable early stage endometrial cancer. <b>2014</b> , 9, 164	15
1260	The sensitivity of gamma-index method to the positioning errors of high-definition MLC in patient-specific VMAT QA for SBRT. <b>2014</b> , 9, 167	71
1259	Stereotactic body radiotherapy for liver tumors: principles and practical guidelines of the DEGRO Working Group on Stereotactic Radiotherapy. <b>2014</b> , 190, 872-81	79
1258	[Stereotactic body radiation therapy: uncertainties and margins]. <b>2014</b> , 18, 258-63	0
1257	Study of 201 non-small cell lung cancer patients given stereotactic ablative radiation therapy shows local control dependence on dose calculation algorithm. <b>2014</b> , 88, 1108-13	46
1256	The efficacy of stereotactic body radiation therapy on huge hepatocellular carcinoma unsuitable for other local modalities. <b>2014</b> , 9, 120	30
1255	Implementation of single-breath-hold cone beam CT guided hypofraction radiotherapy for lung cancer. <b>2014</b> , 9, 77	7
1254	Stereotactic body radiation therapy versus intensity-modulated radiation therapy for prostate cancer: less cost at the expense of more genitourinary toxicity is a concerning but testable hypothesis. <b>2014</b> , 32, 1183-5	12

1253	Stereotactic ablative radiation therapy for centrally located early stage or isolated parenchymal recurrences of non-small cell lung cancer: how to fly in a "no fly zone". <b>2014</b> , 88, 1120-8	167
1252	Experience with the CyberKnife for intracranial stereotactic radiosurgery: analysis of dosimetry indices. <b>2014</b> , 39, 1-6	6
1251	Axitinib sensitization of high Single Dose Radiotherapy. <b>2014</b> , 111, 88-93	35
1250	Comparison of accelerated hypofractionation and stereotactic body radiotherapy for Stage 1 and node negative Stage 2 non-small cell lung cancer (NSCLC). <b>2014</b> , 85, 59-65	18
1249	Treatment plan comparison between stereotactic body radiation therapy techniques for prostate cancer: non-isocentric CyberKnife versus isocentric RapidArc. <b>2014</b> , 30, 654-61	30
1248	Outcomes and toxicities of stereotactic body radiation therapy for non-spine bone oligometastases. <b>2014</b> , 4, e143-e149	49
1247	Commissioning and initial stereotactic ablative radiotherapy experience with Vero. <b>2014</b> , 15, 4685	26
1246	Performance of dose calculation algorithms from three generations in lung SBRT: comparison with full Monte Carlo-based dose distributions. <b>2014</b> , 15, 4662	86
1245	Monte Carlo modeling of HD120 multileaf collimator on Varian TrueBeam linear accelerator for verification of 6X and 6X FFF VMAT SABR treatment plans. <b>2014</b> , 15, 4686	30
1244	References. <b>2014</b> , 14, 123-145	
1243	A comparative analysis of multichannel Data Acquisition Systems for quality assurance in external beam radiation therapy. <b>2014</b> , 9, T06003-T06003	14
1242	Recommendations for dose calculations of lung cancer treatment plans treated with stereotactic ablative body radiotherapy (SABR). <b>2014</b> , 489, 012007	1
1241	Guidelines for safe practice of stereotactic body (ablative) radiation therapy. <b>2015</b> , 59, 646-53	26
1240	Alignment of multiradiation isocenters for megavoltage photon beam. <b>2015</b> , 16, 314-324	3
1239	Lung deformations and radiation-induced regional lung collapse in patients treated with stereotactic body radiation therapy. <i>Medical Physics</i> , <b>2015</b> , 42, 6477-87	4-4 3
1238	Combination effects of tissue heterogeneity and geometric targeting error in stereotactic body radiotherapy for lung cancer using CyberKnife. <b>2015</b> , 16, 193-204	7
1237	A method to improve dose gradient for robotic radiosurgery. <b>2015</b> , 16, 333-339	4
1236	Dosimetric effects of immobilization devices on SABR for lung cancer using VMAT technique. <b>2015</b> , 16, 5217	4

1235	Is 5 mm MMLC suitable for VMAT-based lung SBRT? A dosimetric comparison with 2.5 mm HDMLC using RTOG-0813 treatment planning criteria for both conventional and high-dose flattening filter-free photon beams. <b>2015</b> , 16, 112-124		5
1234	Knowledge-based prediction of plan quality metrics in intracranial stereotactic radiosurgery. <i>Medical Physics</i> , <b>2015</b> , 42, 908	4-4	70
1233	Single-fraction spine SBRT end-to-end testing on TomoTherapy, Vero, TrueBeam, and CyberKnife treatment platforms using a novel anthropomorphic phantom. <b>2015</b> , 16, 5120		29
1232	Dosimetric comparison of Acuros XB with collapsed cone convolution/superposition and anisotropic analytic algorithm for stereotactic ablative radiotherapy of thoracic spinal metastases. <b>2015</b> , 16, 181-192		17
1231	Beam's-eye-view imaging during non-coplanar lung SBRT. <i>Medical Physics</i> , <b>2015</b> , 42, 6776-83	4-4	7
1230	Development of a video image-based QA system for the positional accuracy of dynamic tumor tracking irradiation in the Vero4DRT system. <i>Medical Physics</i> , <b>2015</b> , 42, 4745-54	4-4	3
1229	Quantification of dose differences between two versions of Acuros XB algorithm compared to Monte Carlo simulations--the effect on clinical patient treatment planning. <b>2015</b> , 16, 213-225		12
1228	Comparative analysis of thermoplastic masks versus vacuum cushions in stereotactic body radiotherapy. <b>2015</b> , 10, 176		14
1227	Stereotactic body radiotherapy with CyberKnife for cardiac malignancies. <b>2015</b> , 101, 294-7		10
1226	INTER- AND INTRAFRACTION MOTION FOR STEREOTACTIC RADIOSURGERY IN DOGS AND CATS USING A MODIFIED BRAINLAB FRAMELESS STEREOTACTIC MASK SYSTEM. <b>2015</b> , 56, 563-9		14
1225	Point/Counterpoint. Only a therapist should operate an HDR unit for patient treatments. <i>Medical Physics</i> , <b>2015</b> , 42, 5581-3	4-4	
1224	Intermediate Megavoltage Photon Beams for Improved Lung Cancer Treatments. <b>2015</b> , 10, e0145117		3
1223	Feasibility study of automated framework for estimating lung tumor locations for target-based patient positioning in stereotactic body radiotherapy. <b>2015</b> , 2015, 653974		1
1222	Planning and Dosimetry for Stereotactic Body Radiotherapy. <b>2015</b> , 87-108		
1221	Multi-institutional application of Failure Mode and Effects Analysis (FMEA) to CyberKnife Stereotactic Body Radiation Therapy (SBRT). <b>2015</b> , 10, 132		38
1220	Target localization errors from fiducial markers implanted around a lung tumor for dynamic tumor tracking. <b>2015</b> , 31, 934-941		11
1219	Treatment planning for SBRT using automated field delivery: A case study. <b>2015</b> , 40, 44-6		
1218	A computerized framework for monitoring four-dimensional dose distributions during stereotactic body radiation therapy using a portal dose image-based 2D/3D registration approach. <b>2015</b> , 40, 1-12		2

1217	Dosimetric comparison of two arc-based stereotactic body radiotherapy techniques for early-stage lung cancer. <b>2015</b> , 40, 76-81		6
1216	Application of modified dynamic conformal arc (MDCA) technique on liver stereotactic body radiation therapy (SBRT) planning following RTOG 0438 guideline. <b>2015</b> , 40, 26-31		2
1215	Calculating tumor trajectory and dose-of-the-day using cone-beam CT projections. <i>Medical Physics</i> , <b>2015</b> , 42, 694-702	4.4	7
1214	A planning study investigating dual-gated volumetric arc stereotactic treatment of primary renal cell carcinoma. <b>2015</b> , 40, 82-8		1
1213	Evaluation of breathing patterns for respiratory-gated radiation therapy using the respiration regularity index. <b>2015</b> , 66, 301-313		1
1212	Stereotactic body radiotherapy for prostate cancer. <b>2015</b> , 27, 270-9		45
1211	Pulmonary function and quality of life after VMAT-based stereotactic ablative radiotherapy for early stage inoperable NSCLC: a prospective study. <b>2015</b> , 89, 350-6		25
1210	Initial UK Experience of Stereotactic Body Radiotherapy for Extracranial Oligometastases: Can We Change the Therapeutic Paradigm?. <b>2015</b> , 27, 411-9		23
1209	Technique and early clinical outcomes for spinal and paraspinal tumours treated with stereotactic body radiotherapy. <b>2015</b> , 22, 1258-63		5
1208	Quantitative evaluation of image segmentation incorporating medical consideration functions. <i>Medical Physics</i> , <b>2015</b> , 42, 3013-23	4.4	12
1207	Spinal metastases: From conventional fractionated radiotherapy to single-dose SBRT. <b>2015</b> , 20, 454-63		36
1206	Stereotactic body radiotherapy. <b>2015</b> , 27, 249-50		2
1205	A feasibility dosimetric study on prostate cancer : are we ready for a multicenter clinical trial on SBRT?. <b>2015</b> , 191, 573-81		29
1204	Dosimetric effects on small-field beam-modeling for stereotactic body radiation therapy. <b>2015</b> , 66, 678-693		1
1203	Available evidence on re-irradiation with stereotactic ablative radiotherapy following high-dose previous thoracic radiotherapy for lung malignancies. <b>2015</b> , 41, 511-8		27
1202	Stereotactic body radiotherapy (SBRT) in the management of extracranial oligometastatic (OM) disease. <b>2015</b> , 88, 20140712		22
1201	Spinal Radiosurgery. <b>2015</b> , 109-125		
1200	Hypofractionated stereotactic body radiotherapy in spinal metastasis - with or without epidural extension. <b>2015</b> , 27, 345-52		30

1199	ACR Appropriateness Criteria(□) induction and adjuvant therapy for N2 non-small-cell lung cancer. <b>2015</b> , 38, 197-205		7
1198	Quality Assurance (QA). <b>2015</b> , 59-71		
1197	Lung metastases in oligometastatic patients: outcome with stereotactic body radiation therapy (SBRT). <b>2015</b> , 17, 668-72		9
1196	Dosimetric effects of roll rotational setup errors on lung stereotactic ablative radiotherapy using volumetric modulated arc therapy. <b>2015</b> , 88, 20140862		9
1195	A Method for Assessing Ground-Truth Accuracy of the 5DCT Technique. <b>2015</b> , 93, 925-33		15
1194	The development of stereotactic body radiotherapy in the past decade: a global perspective. <b>2015</b> , 11, 2721-2733		7
1193	[Follow-up after stereotactic body radiation therapy for liver tumours: A review of the literature and recommendations]. <b>2015</b> , 19, 573-81		4
1192	A multi-institutional study to assess adherence to lung stereotactic body radiotherapy planning goals. <i>Medical Physics</i> , <b>2015</b> , 42, 4629-35	4.4	6
1191	Dose-volume histogram prediction using density estimation. <b>2015</b> , 60, 6923-36		22
1190	Imaging a moving lung tumor with megavoltage cone beam computed tomography. <i>Medical Physics</i> , <b>2015</b> , 42, 2347-53	4.4	0
1189	Optimization of leaf margins for lung stereotactic body radiotherapy using a flattening filter-free beam. <i>Medical Physics</i> , <b>2015</b> , 42, 2125-31	4.4	6
1188	Effect of stereotactic dosimetric end points on overall survival for Stage I non-small cell lung cancer: a critical review. <b>2015</b> , 40, 340-6		4
1187	Stereotactic radiosurgery for spinal metastases with or without separation surgery. <b>2015</b> , 22, 409-15		83
1186	Stereotactic body radiotherapy for early stage lung cancer: History and updated role. <b>2015</b> , 90, 388-96		46
1185	Dosimetric feasibility of an "off-target isocenter" technique for cranial intensity-modulated radiosurgery. <b>2015</b> , 40, 279-84		1
1184	Local failure after primary radiotherapy in lung cancer: Is there a role for SBRT?. <b>2015</b> , 20, 440-5		9
1183	Need for consensus when prescribing stereotactic body radiation therapy for prostate cancer. <b>2015</b> , 91, 239-41		4
1182	Management of early-stage non-small cell lung cancer using stereotactic ablative radiotherapy: controversies, insights, and changing horizons. <b>2015</b> , 114, 138-47		74

1181	Safety and efficacy of hypofractionated stereotactic body reirradiation in head and neck cancer: Long-term follow-up of a large series. <b>2015</b> , 37, 1403-9	31
1180	Resource Documents. <b>2016</b> , 327-349	
1179	Spine radiosurgery for the local treatment of spine metastases: Intensity-modulated radiotherapy, image guidance, clinical aspects and future directions. <b>2016</b> , 71, 101-9	8
1178	A comparison of robotic arm versus gantry linear accelerator stereotactic body radiation therapy for prostate cancer. <b>2016</b> , 8, 145-58	18
1177	SRS and SBRT. <b>2016</b> , 228-240	
1176	Radiation therapy for gliomas. 49-75	
1175	An analysis of tumor control probability of stereotactic body radiation therapy for lung cancer with a regrowth model. <b>2016</b> , 61, 3903-13	13
1174	FEASIBILITY FOR USING HYPOFRACTIONATED STEREOTACTIC VOLUMETRIC MODULATED ARC RADIOTHERAPY (VMAT) WITH ADAPTIVE PLANNING FOR TREATMENT OF THYMOMA IN RABBITS: 15 CASES. <b>2016</b> , 57, 313-20	15
1173	Gafchromic EBT-XD film: Dosimetry characterization in high-dose, volumetric-modulated arc therapy. <b>2016</b> , 17, 312-322	24
1172	Evaluation of a combined respiratory-gating system comprising the TrueBeam linear accelerator and a new real-time tumor-tracking radiotherapy system: a preliminary study. <b>2016</b> , 17, 202-213	20
1171	Commissioning an Elekta Versa HD linear accelerator. <b>2016</b> , 17, 179-191	18
1170	Dosimetric comparison between cone/Iris-based and InCise MLC-based CyberKnife plans for single and multiple brain metastases. <b>2016</b> , 17, 184-199	32
1169	Clinical outcomes and prognostic factors of cyberknife stereotactic body radiation therapy for unresectable hepatocellular carcinoma. <b>2016</b> , 16, 451	22
1168	Quantification of interplay and gradient effects for lung stereotactic ablative radiotherapy (SABR) treatments. <b>2016</b> , 17, 158-166	10
1167	Inter- and intrafractional dose uncertainty in hypofractionated Gamma Knife radiosurgery. <b>2016</b> , 17, 487-496	11
1166	Using daily diagnostic quality images to validate planning margins for prostate interfractional variations. <b>2016</b> , 17, 61-74	4
1165	Comprehensive dosimetric planning comparison for early-stage, non-small cell lung cancer with SABR: fixed-beam IMRT versus VMAT versus TomoTherapy. <b>2016</b> , 17, 329-340	10
1164	Moving stereotactic fiducial system to obtain a respiratory signal: proof of principle. <b>2016</b> , 17, 80-91	1

1163	Dosimetric and delivery efficiency investigation for treating hepatic lesions with a MLC-equipped robotic radiosurgery-radiotherapy combined system. <i>Medical Physics</i> , <b>2016</b> , 43, 727-33	4.4	8
1162	Monte Carlo evaluation of tissue heterogeneities corrections in the treatment of head and neck cancer patients using stereotactic radiotherapy. <b>2016</b> , 17, 258-270		5
1161	On the use of a convolution-superposition algorithm for plan checking in lung stereotactic body radiation therapy. <b>2016</b> , 17, 99-110		5
1160	The report of Task Group 100 of the AAPM: Application of risk analysis methods to radiation therapy quality management. <i>Medical Physics</i> , <b>2016</b> , 43, 4209	4.4	216
1159	Investigating ion recombination effects in a liquid-filled ionization chamber array used for IMRT QA measurements. <i>Medical Physics</i> , <b>2016</b> , 43, 2476	4.4	6
1158	Safety and efficacy of stereotactic body radiation therapy combined with S-1 simultaneously followed by sequential S-1 as an initial treatment for locally advanced pancreatic cancer (SILAPANC) trial: study design and rationale of a phase II clinical trial. <b>2016</b> , 6, e013220		11
1157	Disease volume and distribution as drivers of treatment decisions in metastatic prostate cancer: From chemohormonal therapy to stereotactic ablative radiotherapy of oligometastases. <b>2016</b> , 34, 225-32		16
1156	Robustness of the Voluntary Breath-Hold Approach for the Treatment of Peripheral Lung Tumors Using Hypofractionated Pencil Beam Scanning Proton Therapy. <b>2016</b> , 95, 534-541		25
1155	Phase II Trial of SBRT for Stage I NSCLC: Survival, Local Control, and Lung Function at 36 Months. <b>2016</b> , 11, 1101-11		38
1154	A Multidisciplinary Evaluation of a Web-based eLearning Training Programme for SAFRON II (TROG 13.01): a Multicentre Randomised Study of Stereotactic Radiotherapy for Lung Metastases. <b>2016</b> , 28, e101-8		8
1153	Rationale of technical requirements for NRG-BR001: The first NCI-sponsored trial of SBRT for the treatment of multiple metastases. <b>2016</b> , 6, e291-e298		34
1152	Modern Radiotherapy Techniques in Lung Cancer. <b>2016</b> , 13-38		
1151	Lung stereotactic ablative body radiotherapy: A large scale multi-institutional planning comparison for interpreting results of multi-institutional studies. <b>2016</b> , 32, 600-6		43
1150	[Stereotactic body radiation therapy for spinal metastases]. <b>2016</b> , 20, 500-7		2
1149	Kilovoltage intrafraction monitoring for real-time image guided adaptive radiotherapy reduces total dose for lung SABR. <b>2016</b> , 121, 15-18		5
1148	[Delineation of organs at risk and dose constraints]. <b>2016</b> , 20 Suppl, S36-60		31
1147	[The irradiation process]. <b>2016</b> , 20 Suppl, S8-S19		3
1146	The effect of beam arrangements and the impact of non-coplanar beams on the treatment planning of stereotactic ablative radiation therapy for early stage lung cancer. <b>2016</b> , 63, 31-40		9



1145	Stereotactic body radiotherapy for oligoprogressive cancer. <b>2016</b> , 89, 20160251	48
1144	A comparative planning study for lung SABR between tri-Co-60 magnetic resonance image guided radiation therapy system and volumetric modulated arc therapy. <b>2016</b> , 120, 279-85	31
1143	Stereotactic ablative radiotherapy in the treatment of hepatocellular carcinoma >3 cm. <b>2016</b> , 33, 104	4
1142	In silico comparison of photons versus carbon ions in single fraction therapy of lung cancer. <b>2016</b> , 32, 1118-23	12
1141	Effects of inaccurate small field dose measurements on calculated treatment doses. <b>2016</b> , 39, 747-53	14
1140	Stereotactic Body Irradiation: Extracranial Tumors. <b>2016</b> , 427-431.e1	1
1139	Integration of Stereotactic Body Radiation Therapy With Tyrosine Kinase Inhibitors in Stage IV Oncogene-Driven Lung Cancer. <b>2016</b> , 21, 964-73	31
1138	Non-Small Cell Lung Cancer. <b>2016</b> , 809-842.e8	
1137	Long-Term PSA Control with Repeated Stereotactic Body Radiotherapy in a Patient with Oligometastatic Castration-Resistant Prostate Cancer. <b>2016</b> , 39, 217-20	8
1136	Stereotactic ablative radiation therapy prior to liver transplantation in hepatocellular carcinoma. <b>2016</b> , 121, 873-881	12
1135	Implementation of a volumetric modulated arc therapy treatment planning solution for kidney and adrenal stereotactic body radiation therapy. <b>2016</b> , 41, 323-328	3
1134	Single-fraction flattening filter-free volumetric modulated arc therapy for lung cancer: Dosimetric results and comparison with flattened beams technique. <b>2016</b> , 41, 334-338	8
1133	Dosimetric comparison of flattened and unflattened beams for stereotactic body radiation therapy: Impact of the size of the PTV on dynamic conformal arc and volumetric modulated arc therapy. <b>2016</b> , 32, 1405-1414	12
1132	Volumetric-modulated arc stereotactic radiotherapy for canine adrenocortical tumours with vascular invasion. <b>2016</b> , 57, 710-717	14
1131	Time-resolved angiography with stochastic trajectories for dynamic contrast-enhanced MRI in head and neck cancer: Are pharmacokinetic parameters affected?. <i>Medical Physics</i> , <b>2016</b> , 43, 6024	4-4 2
1130	Stereotactic Body Radiotherapy in the Management of Oligometastatic Disease. <b>2016</b> , 23, 21-9	17
1129	To gate or not to gate - dosimetric evaluation comparing Gated vs. ITV-based methodologies in stereotactic ablative body radiotherapy (SABR) treatment of lung cancer. <b>2016</b> , 11, 125	12
1128	Stereoscopic X-ray imaging, cone beam CT, and couch positioning in stereotactic radiotherapy of intracranial tumors: preliminary results from a cross-modality pilot installation. <b>2016</b> , 11, 158	4

1127	Monte Carlo dose verification for lung SBRT with CMS/XiO superposition algorithm. <b>2016</b> , 2, 015020	1
1126	Radiotherapy in the multidisciplinary treatment of liver cancer: a survey on behalf of the Italian Association of Radiation Oncology. <b>2016</b> , 121, 735-43	6
1125	[(18)F]Choline PET/CT and stereotactic body radiotherapy on treatment decision making of oligometastatic prostate cancer patients: preliminary results. <b>2016</b> , 11, 9	56
1124	Can Stereotactic Body Radiotherapy Really Be Considered the Preferred Treatment in Large Hepatocellular Carcinoma?. <b>2016</b> , 34, 2798-9	2
1123	Convex Endobronchial Ultrasound-Guided Fiducial Placement for Malignant Central Lung Lesions: A Case Series. <b>2016</b> , 23, 46-50	10
1122	Stereotactic Ablative Body Radiotherapy for Primary Renal Cell Carcinoma in Non-surgical Candidates: Initial Clinical Experience. <b>2016</b> , 28, e109-14	27
1121	Kilovoltage Imaging of Implanted Fiducials to Monitor Intrafraction Motion With Abdominal Compression During Stereotactic Body Radiation Therapy for Gastrointestinal Tumors. <b>2016</b> , 95, 1042-1049	9
1120	Practical patterns for stereotactic body radiotherapy to hepatocellular carcinoma in Korea: a survey of the Korean Stereotactic Radiosurgery Group. <b>2016</b> , 46, 363-9	6
1119	Short-Interval Retreatment With Stereotactic Body Radiotherapy (SBRT) for Pediatric Neuroblastoma Resulting in Severe Myositis. <b>2016</b> , 63, 731-3	9
1118	Radiation therapy for stereotactic body radiation therapy in spine tumors: linac or robotic?. <b>2016</b> , 2, 015012	2
1117	Stereotactic radiation therapy for treatment of canine intracranial meningiomas. <b>2016</b> , 14, e158-e170	34
1116	Spinal metastases: Is stereotactic body radiation therapy supported by evidences?. <b>2016</b> , 98, 147-58	30
1115	Evaluation of initial setup accuracy and intrafraction motion for spine stereotactic body radiation therapy using stereotactic body frames. <b>2016</b> , 6, e17-24	12
1114	Dose-Volume Histogram Analysis of Stereotactic Body Radiotherapy Treatment of Pancreatic Cancer: A Focus on Duodenal Dose Constraints. <b>2016</b> , 26, 149-56	23
1113	Dose-Response Modeling of the Visual Pathway Tolerance to Single-Fraction and Hypofractionated Stereotactic Radiosurgery. <b>2016</b> , 26, 97-104	32
1112	Small Bowel Dose Tolerance for Stereotactic Body Radiation Therapy. <b>2016</b> , 26, 157-64	17
1111	Evaluation of the setup margins for cone beam computed tomography-guided cranial radiosurgery: A phantom study. <b>2016</b> , 41, 199-204	7
1110	Requirements and Implementation of a Lung SBRT Program in a Developing Country: Benefits of International Cooperation. <b>2016</b> , 95, 1236-8	4

1109	Multicentre treatment planning inter-comparison in a national context: The liver stereotactic ablative radiotherapy case. <b>2016</b> , 32, 277-83	44
1108	Pulmonary dose-volume predictors of radiation pneumonitis following stereotactic body radiation therapy. <b>2016</b> , 6, e353-e359	16
1107	Stereotactic Body Radiation Therapy for Oligometastatic Prostate Cancer. <b>2016</b> , 95, 696-702	71
1106	Spot-scanned pancreatic stereotactic body proton therapy: A dosimetric feasibility and robustness study. <b>2016</b> , 32, 331-42	11
1105	Introduction and Clinical Overview of the DVH Risk Map. <b>2016</b> , 26, 89-96	12
1104	Radiation Physics. <b>2016</b> , 148-158.e2	
1103	Dosimetric Comparison Between 3-Dimensional Conformal and Robotic SBRT Treatment Plans for Accelerated Partial Breast Radiotherapy. <b>2016</b> , 15, 437-45	9
1102	Stereotactic radiosurgery for metastasis to the craniovertebral junction preserves spine stability and offers symptomatic relief. <b>2016</b> , 24, 241-247	11
1101	The effect of slice thickness on target and organs at risk volumes, dosimetric coverage and radiobiological impact in IMRT planning. <b>2016</b> , 18, 469-79	11
1100	Spanish Society of Radiation Oncology clinical guidelines for stereotactic body radiation therapy in lymph node oligometastases. <b>2016</b> , 18, 342-51	7
1099	Interfraction Anatomical Variability Can Lead to Significantly Increased Rectal Dose for Patients Undergoing Stereotactic Body Radiotherapy for Prostate Cancer. <b>2017</b> , 16, 178-187	16
1098	Dose-Volume Predictors of Esophagitis After Thoracic Stereotactic Body Radiation Therapy. <b>2017</b> , 40, 477-482	7
1097	Neuromuscular blockade and inspiratory breath hold during stereotactic body radiation therapy for treatment of heart base tumors in four dogs. <b>2017</b> , 250, 199-204	7
1096	On the use of volumetric-modulated arc therapy for single-fraction thoracic vertebral metastases stereotactic body radiosurgery. <b>2017</b> , 42, 69-75	4
1095	Development of patient-specific phantoms for verification of stereotactic body radiation therapy planning in patients with metallic screw fixation. <b>2017</b> , 7, 40922	12
1094	A national dosimetry audit for stereotactic ablative radiotherapy in lung. <b>2017</b> , 122, 406-410	20
1093	Clinical benefits of new immobilization system for hypofractionated radiotherapy of intrahepatic hepatocellular carcinoma by helical tomotherapy. <b>2017</b> , 42, 37-41	4
1092	Distinct Levels of Radioresistance in Lgr5 Colonic Epithelial Stem Cells versus Lgr5 Small Intestinal Stem Cells. <b>2017</b> , 77, 2124-2133	32

1091	Distant failure prediction for early stage NSCLC by analyzing PET with sparse representation. <b>2017</b> ,		0
1090	An analysis of knowledge-based planning for stereotactic body radiation therapy of the spine. <b>2017</b> , 7, e355-e360		31
1089	Geometrical and dosimetric uncertainties in hypofractionated radiotherapy of the lung: A review. <b>2017</b> , 36, 126-139		35
1088	Highly Accelerated Irradiation in 5 Fractions (HAI-5): Feasibility in Elderly Women With Early or Locally Advanced Breast Cancer. <b>2017</b> , 98, 922-930		14
1087	4D VMAT planning and verification technique for dynamic tracking using a direct aperture deformation (DAD) method. <b>2017</b> , 18, 50-61		
1086	Dosimetric impact of Lipiodol in stereotactic body radiation therapy on liver after trans-arterial chemoembolization. <i>Medical Physics</i> , <b>2017</b> , 44, 342-348	4-4	12
1085	Small field dose measurements using plastic scintillation detector in heterogeneous media. <i>Medical Physics</i> , <b>2017</b> , 44, 3815-3820	4-4	6
1084	Application of Critical Volume-Dose Constraints for Stereotactic Body Radiation Therapy in NRG Radiation Therapy Trials. <b>2017</b> , 98, 34-36		10
1083	Benefits of Using Stereotactic Body Radiotherapy in Patients With Metachronous Oligometastases of Hormone-Sensitive Prostate Cancer Detected by [18F]fluoromethylcholine PET/CT. <b>2017</b> , 15, e773-e782		25
1082	[Spinal stereotactic body radiotherapy: French assessment in 2016]. <b>2017</b> , 21, 276-285		3
1081	SBRT planning for liver metastases: A focus on immobilization, motion management and planning imaging techniques. <b>2017</b> , 22, 103-110		11
1080	Technological Advance Enabling Alternate Fractionation. <b>2017</b> , 21-30		
1079	Stereotactic Body Radiotherapy for Large Primary Renal Cell Carcinoma. <b>2017</b> , 15, e851-e854		11
1078	Lung Cancer. <b>2017</b> , 349-384		
1077	Evaluation of Clinical Application and Dosimetric Comparison of Treatment Plans of Gamma Knife and CyberKnife in Treating Arteriovenous Malformations. <b>2017</b> , 95, 142-148		1
1076	Salvage prostate re-irradiation using high-dose-rate brachytherapy or focal stereotactic body radiotherapy for local recurrence after definitive radiation therapy. <b>2017</b> , 12, 49		34
1075	The influence of the dose calculation resolution of VMAT plans on the calculated dose for eye lens and optic pathway. <b>2017</b> , 40, 209-217		3
1074	Dosimetric effect of multileaf collimator leaf width on volumetric modulated arc stereotactic radiotherapy for spine tumors. <b>2017</b> , 42, 111-115		6

1073	Management of Stage I Lung Cancer with Stereotactic Ablative Radiation Therapy. <b>2017</b> , 26, 393-403	1
1072	Practical considerations of linear accelerator-based frameless extracranial radiosurgery for treatment of occipital neuralgia for nonsurgical candidates. <b>2017</b> , 18, 123-132	8
1071	[Stereotactic lung radiotherapy: Technical setting up on Novalis Tx and single centre prospective study of the 100 first malignant pulmonary nodules treated at centre Jean-Perrin]. <b>2017</b> , 21, 291-300	
1070	Comparison of spinal Stereotactic Body Radiotherapy (SBRT) planning techniques: intensity-modulated radiation therapy, modulated arc therapy, and helical tomotherapy. <b>2017</b> , 42, 210-215	5
1069	Challenging Situations for Lung SBRT. <b>2017</b> , 12, 916-918	1
1068	Stereotactic Body Radiotherapy. <b>2017</b> , 323-395	
1067	A dosimetric parameter to limit chest wall toxicity in SABR of NSCLC. <b>2017</b> , 90, 20170196	3
1066	Modeling the Cellular Response of Lung Cancer to Radiation Therapy for a Broad Range of Fractionation Schedules. <b>2017</b> , 23, 5469-5479	26
1065	AAPM Medical Physics Practice Guideline 8.a.: Linear accelerator performance tests. <b>2017</b> , 18, 23-39	46
1064	Variation of the prescription dose using the analytical anisotropic algorithm in lung stereotactic body radiation therapy. <b>2017</b> , 38, 98-104	8
1063	Optimization of the dosimetric leaf gap for use in planning VMAT treatments of spine SABR cases. <b>2017</b> , 18, 133-139	11
1062	Frontiers in planning optimization for lung SBRT. <b>2017</b> , 44, 163-170	17
1061	About the non-consistency of PTV-based prescription in lung. <b>2017</b> , 44, 177-187	11
1060	Dosimetric characterization of small fields using a plastic scintillator detector: A large multicenter study. <b>2017</b> , 41, 33-38	12
1059	Variable angle stereo imaging for rapid patient position correction in an in-house real-time position monitoring system. <b>2017</b> , 33, 170-178	4
1058	Safety Considerations in Stereotactic Body Radiation Therapy. <b>2017</b> , 27, 190-196	5
1057	ACR Appropriateness Criteria for external beam radiation therapy treatment planning for clinically localized prostate cancer, part II of II. <b>2017</b> , 2, 437-454	18
1056	American Brachytherapy Society consensus statement for soft tissue sarcoma brachytherapy. <b>2017</b> , 16, 466-489	31

1055	The incidence of radiation necrosis following stereotactic radiotherapy for melanoma brain metastases: the potential impact of immunotherapy. <b>2017</b> , 28, 669-675		46
1054	Radiobiology of stereotactic body radiation therapy (SBRT). <b>2017</b> , 22, 86-95		32
1053	Motion management strategies and technical issues associated with stereotactic body radiotherapy of thoracic and upper abdominal tumors: A review from NRG oncology. <i>Medical Physics</i> , <b>2017</b> , 44, 2595-2612	4.4	59
1052	A 2D silicon detector array for quality assurance in small field dosimetry: DUO. <i>Medical Physics</i> , <b>2017</b> , 44, 628-636	4.4	20
1051	Experimental evaluation of x-ray acoustic computed tomography for radiotherapy dosimetry applications. <i>Medical Physics</i> , <b>2017</b> , 44, 608-617	4.4	27
1050	Motion compensation for robotic lung tumour radiotherapy in remote locations: A personalised medicine approach. <b>2017</b> , 132, 59-66		8
1049	Evaluation of reproducibility of tumor repositioning during multiple breathing cycles for liver stereotactic body radiotherapy treatment. <b>2017</b> , 22, 132-140		9
1048	Clinical evaluation of a novel transmission detector for 3D quality assurance of IMRT and SBRT. <b>2017</b> , 3, 055010		3
1047	Pelvic re-irradiation using stereotactic ablative radiotherapy (SABR): A systematic review. <b>2017</b> , 125, 213-222		20
1046	Implementation of small field radiotherapy dosimetry for spinal metastase case. <b>2017</b> ,		
1045	Small composite field correction factors for the CyberKnife radiosurgery system: clinical and PCRS plans. <b>2017</b> , 62, 9240-9259		1
1044	Prognostic role of stereotactic body radiation therapy for elderly patients with advanced and medically inoperable pancreatic cancer. <b>2017</b> , 6, 2263-2270		20
1043	Real-time tomography for radiation therapy guidance. <i>Medical Physics</i> , <b>2017</b> , 44, 5584-5595	4.4	3
1042	A Comparison of Non-coplanar Three-dimensional Conformal Radiation Therapy, Intensity Modulated Radiation Therapy, and Volumetric Modulated Radiation Therapy for the Delivery of Stereotactic Ablative Radiation Therapy to Peripheral Lung Cancer. <b>2017</b> , 48, 360-369		2
1041	Preclinical studies for implementing flattening filter-free beams in hypofractionated volumetric-modulated arc therapy (VMAT) for prostate cancer radiotherapy. <b>2017</b> , 16, 286-302		
1040	Consensus on Stereotactic Body Radiation Therapy for Small-Sized Hepatocellular Carcinoma at the 7th Asia-Pacific Primary Liver Cancer Expert Meeting. <b>2017</b> , 6, 264-274		36
1039	Clinical outcomes of multileaf collimator-based CyberKnife for spine stereotactic body radiation therapy. <b>2017</b> , 90, 20170523		9
1038	Stereotactic ablative radiation therapy in renal cell carcinoma: From oligometastatic to localized disease. <b>2017</b> , 117, 48-56		11

1037	No differences in radiological changes after 3D conformal vs VMAT-based stereotactic radiotherapy for early stage non-small cell lung cancer. <b>2017</b> , 90, 20170143	6
1036	Clinical Outcomes of 130 Patients with Primary and Secondary Lung Tumors treated with Cyberknife Robotic Stereotactic Body Radiotherapy. <b>2017</b> , 51, 178-186	10
1035	Use of a second-dose calculation algorithm to check dosimetric parameters for the dose distribution of a first-dose calculation algorithm for lung SBRT plans. <b>2017</b> , 44, 86-95	9
1034	A comparison of treatment plan quality between Tri-Co-60 intensity modulated radiation therapy and volumetric modulated arc therapy for cervical cancer. <b>2017</b> , 40, 11-16	15
1033	External Beam Radiation Therapy for Liver Tumors: Simulation, Treatment Planning, and Advanced Delivery Techniques. <b>2017</b> , 91-105	
1032	Feasibility study of silica bead thermoluminescence detectors (TLDs) in an external radiotherapy dosimetry audit programme. <b>2017</b> , 141, 251-256	0
1031	AAPM-RSS Medical Physics Practice Guideline 9.a. for SRS-SBRT. <b>2017</b> , 18, 10-21	61
1030	Beam focal spot position: The forgotten linac QA parameter. An EPID-based phantomless method for routine Stereotactic linac QA. <b>2017</b> , 18, 178-183	11
1029	Noninvasive Cardiac Radiation for Ablation of Ventricular Tachycardia. <b>2017</b> , 377, 2325-2336	256
1028	Effect of gantry speed on accuracy of extracted target motion trajectories and image quality in 4D-CBCT: phantom study. <b>2017</b> , 3, 067001	4
1027	Comparative efficacy and toxicity of induction chemotherapy with concurrent stereotactic body radiotherapy and stereotactic body radiotherapy with subsequent chemotherapy in patients with clinical stage T1-3N0M0 non-small cell lung carcinoma. <b>2017</b> , 19, 1498-1506	
1026	ESTRO ACROP consensus guideline on implementation and practice of stereotactic body radiotherapy for peripherally located early stage non-small cell lung cancer. <b>2017</b> , 124, 11-17	149
1025	A phase II randomized trial of Observation versus stereotactic ablative Radiation for OLigometastatic prostate CancEr (ORIOLE). <b>2017</b> , 17, 453	60
1024	A phase I/II trial of fixed-dose stereotactic body radiotherapy with sequential or concurrent pembrolizumab in metastatic urothelial carcinoma: evaluation of safety and clinical and immunologic response. <b>2017</b> , 15, 150	22
1023	Institutional analysis of stereotactic body radiotherapy (SBRT) for oligometastatic lymph node metastases. <b>2017</b> , 12, 105	25
1022	A comprehensive dosimetric study on switching from a Type-B to a Type-C dose algorithm for modern lung SBRT. <b>2017</b> , 12, 80	9
1021	The expanding role of stereotactic body radiation therapy in oligometastatic solid tumors: What do we know and where are we going?. <b>2017</b> , 52, 22-32	20
1020	Use of PET/CT and Stereotactic Radiation Therapy for the Diagnosis and Treatment of Osteosarcoma Metastases. <b>2017</b> , 53, 52-58	5

1019	Radiosensitivity of Colon and Rectal Lung Oligometastasis Treated With Stereotactic Ablative Radiotherapy. <b>2017</b> , 16, e211-e220	23
1018	Benchmark Credentialing Results for NRG-BR001: The First National Cancer Institute-Sponsored Trial of Stereotactic Body Radiation Therapy for Multiple Metastases. <b>2017</b> , 97, 155-163	14
1017	Inherent functional dependence among cochlear dose surrogates for stereotactic radiosurgery of vestibular schwannomas. <b>2017</b> , 7, e1-e7	3
1016	A method for improved 4D-computed tomography data acquisition. <b>2017</b> , 27, 31-38	1
1015	Advances in Radiation Therapy. <b>2017</b> , 343-364	
1014	Robotic radiosurgery for the treatment of liver metastases. <b>2017</b> , 22, 111-117	0
1013	Frameless stereotactic volumetric modulated arc radiotherapy of brachial plexus tumours in dogs: 10 cases. <b>2017</b> , 90, 20160617	11
1012	Quality of tri-Co-60 MR-IGRT treatment plans in comparison with VMAT treatment plans for spine SABR. <b>2017</b> , 90, 20160652	17
1011	A Systematic Analysis of 2 Monoisocentric Techniques for the Treatment of Multiple Brain Metastases. <b>2017</b> , 16, 639-644	15
1010	Image guided SBRT for multiple liver metastases with ExacTrac Adaptive Gating. <b>2017</b> , 22, 150-157	5
1009	Photon beam commissioning of an Elekta Synergy linear accelerator. <b>2017</b> , 23, 115-119	3
1008	Compass model-based quality assurance for stereotactic VMAT treatment plans. <b>2017</b> , 44, 42-50	7
1007	Multiple brain metastases irradiation with Eleka Axesse stereotactic system. <b>2017</b> ,	
1006	Altered Fraction Radiotherapy in Palliation. <b>2017</b> , 397-418	
1005	Homogeneous and inhomogeneous material effect in gamma index evaluation of IMRT technique based on fan beam and Cone Beam CT patient images. <b>2017</b> , 851, 012021	
1004	Radiotherapy for Primary and Metastatic Soft Tissue Sarcomas: Altered Fraction Regimens with External Beam and Brachytherapy. <b>2017</b> , 307-321	
1003	Combined high dose radiation and pazopanib in metastatic renal cell carcinoma: a phase I dose escalation trial. <b>2017</b> , 12, 157	18
1002	An investigation into the range dependence of target delineation strategies for stereotactic lung radiotherapy. <b>2017</b> , 12, 166	3



1001 Radiation Therapy and Cardiovascular Risk. **2017**, 139-154

1000 Helical Therapy is Safe for Lung Stereotactic Body Radiation Therapy Despite Limitations in Achieving Sharp Dose Gradients. **2017**, 16, 1173-1178 1

999 Hypofractionated image-guided radiotherapy for the treatment of acoustic neuromas: A dosimetrically acceptable alternative to stereotactic radiosurgery in a resource-constrained environment. **2017**, 1, 7

998 On the dose to a moving target in stereotactic ablative body radiotherapy to lung tumors. **2017**, 777, 012027

997 Retrospective analysis of stereotactic ablative radiotherapy (SABR) for metastatic lung lesions (MLLs) in comparison with a contemporaneous cohort of primary lung lesions (PLLs). **2017**, 9, 742-756 2

996 Advances in radiotherapy techniques and delivery for non-small cell lung cancer: benefits of intensity-modulated radiation therapy, proton therapy, and stereotactic body radiation therapy. **2017**, 6, 131-147 34

995 Evaluation of a commercial automatic treatment planning system for liver stereotactic body radiation therapy treatments. **2018**, 46, 153-159 21

994 Automatic Intracranial Segmentation: Is the Clinician Still Needed?. **2018**, 17, 1533034617748839 5

993 Technical Note: A planning technique to lower normal tissue toxicity in lung SBRT plans based on two likely dependent RTOG metrics. *Medical Physics*, **2018**, 45, 2325-2328 4.4 7

992 Dosimetric comparison of sector-blocked and non-sector-blocked Gamma Knife Perfexion treatment plans for trigeminal neuralgia. **2018**, 43, 390-393 1

991 Pre-treatment verification of lung SBRT VMAT plans with delivery errors: Toward a better understanding of the gamma index analysis. **2018**, 49, 119-128 10

990 Effect of radiation protraction in hypofractionated radiotherapy. *Medical Physics*, **2018**, 45, 3442-3448 4.4 4

989 Effect of secondary electron generation on dose enhancement in Lipiodol with and without a flattening filter. **2018**, 19, 211-217 2

988 Output factor determination based on Monte Carlo simulation for small cone field in 10-MV photon beam. **2018**, 11, 192-201 3

987 Comparative analysis for renal stereotactic body radiotherapy using Cyberknife, VMAT and proton therapy based treatment planning. **2018**, 19, 125 2

986 Characterization of a novel liquid fiducial marker for multimodal image guidance in stereotactic body radiotherapy of prostate cancer. *Medical Physics*, **2018**, 45, 2205-2217 4.4 9

985 Stereotactic ablative radiotherapy after concomitant chemoradiotherapy in non-small cell lung cancer: A TITE-CRM phase 1 trial. **2018**, 127, 239-245 2

984 A comparative study of three small-field detectors for patient specific stereotactic arc dosimetry. **2018**, 41, 217-223 5

983	Credentialing of radiotherapy centres in Australasia for TROG 09.02 (Chisel), a Phase III clinical trial on stereotactic ablative body radiotherapy of early stage lung cancer. <b>2018</b> , 91, 20170737	13
982	A prospective study of the safety and efficacy of liver stereotactic body radiotherapy in patients with and without prior liver-directed therapy. <b>2018</b> , 126, 527-533	23
981	Development of a portable quality control application using a tablet-type electronic device. <i>Medical Physics</i> , <b>2018</b> , 45, 1029-1035	4-4
980	Characterization of X-Ray Acoustic Computed Tomography for Applications in Radiotherapy Dosimetry. <b>2018</b> , 2, 337-344	8
979	Management Strategies for Early-Stage Lung Cancer: Stereotactic Ablative Radiotherapy. <b>2018</b> , 237-261	
978	Myositis following spine radiosurgery for metastatic disease: a case series. <b>2018</b> , 28, 416-421	5
977	Experience with an abdominal compression band for radiotherapy of upper abdominal tumours. <b>2018</b> , 65, 48-54	8
976	The first clinical implementation of real-time image-guided adaptive radiotherapy using a standard linear accelerator. <b>2018</b> , 127, 6-11	35
975	The emerging role of stereotactic radiotherapy in gastrointestinal malignancies: a review of the literature and analysis from the Irish perspective. <b>2018</b> , 187, 887-894	
974	Volumetric modulated arc therapy treatment planning of thoracic vertebral metastases using stereotactic body radiotherapy. <b>2018</b> , 19, 54-61	5
973	Canine spinal meningiomas and nerve sheath tumours in 34 dogs (2008-2016): Distribution and long-term outcome based upon histopathology and treatment modality. <b>2018</b> , 16, 344-351	10
972	SYSTEMS-2: A randomised phase II study of radiotherapy dose escalation for pain control in malignant pleural mesothelioma. <b>2018</b> , 8, 45-49	11
971	Stereotactic body radiotherapy (SBRT) for patients with locally advanced pancreatic cancer: A single center experience. <b>2018</b> , 50, 396-400	7
970	Phase 1 Dose Escalation Trial of Ipilimumab and Stereotactic Body Radiation Therapy in Metastatic Melanoma. <b>2018</b> , 100, 906-915	23
969	Clinical implementation of radiosurgery using the Helical TomoTherapy unit. <b>2018</b> , 43, 284-290	6
968	Fine-tuning the normal tissue objective in eclipse for lung stereotactic body radiation therapy. <b>2018</b> , 43, 344-350	2
967	Robotic Stereotactic Retreatment for Biochemical Control in Previously Irradiated Patients Affected by Recurrent Prostate Cancer. <b>2018</b> , 30, 93-100	22
966	Comparing the Outcomes of Stereotactic Ablative Radiotherapy and Non-Stereotactic Ablative Radiotherapy Definitive Radiotherapy Approaches to Thoracic Malignancy: A Systematic Review and Meta-Analysis. <b>2018</b> , 19, 199-212	8

965	Evaluating which plan quality metrics are appropriate for use in lung SBRT. <b>2018</b> , 91, 20170393	12
964	The impact of technology on the changing practice of lung SBRT. <b>2018</b> , 47, 129-138	23
963	Implications for high-precision dose radiation therapy planning or limited surgical resection after percutaneous computed tomography-guided lung nodule biopsy using a tract sealant. <b>2018</b> , 3, 139-145	1
962	Colorectal Cancer Liver Metastases. <b>2018</b> , 313-332	
961	Dosimetry and Physics Quality Assurance. <b>2018</b> , 367-373	
960	Non-Colorectal Liver Metastases. <b>2018</b> , 145-170	
959	4-Dimensional Cone Beam Computed Tomography-Measured Target Motion Underrepresents Actual Motion. <b>2018</b> , 102, 932-940	5
958	Quality assurance for a six degrees-of-freedom table using a 3D printed phantom. <b>2018</b> , 19, 115-124	2
957	3D treatment planning on helical tomotherapy delivery system. <b>2018</b> , 43, 159-167	4
956	Stereotactic radiosurgery for benign brain tumors: Results of multicenter benchmark planning studies. <b>2018</b> , 8, e295-e304	14
955	Interfractional diaphragm changes during breath-holding in stereotactic body radiotherapy for liver cancer. <b>2018</b> , 23, 84-90	7
954	Combination of Pre-Treatment DWI-Signal Intensity and S-1 Treatment: A Predictor of Survival in Patients with Locally Advanced Pancreatic Cancer Receiving Stereotactic Body Radiation Therapy and Sequential S-1. <b>2018</b> , 11, 399-405	3
953	Stereotactic Radiosurgery for Benign (World Health Organization Grade I) Cavernous Sinus Meningiomas-International Stereotactic Radiosurgery Society (ISRS) Practice Guideline: A Systematic Review. <b>2018</b> , 83, 1128-1142	26
952	Frameless stereotactic radiotherapy alone and combined with temozolomide for presumed canine gliomas. <b>2018</b> , 16, 90-101	22
951	Linac-based stereotactic radiation therapy for canine non-lymphomatous nasal tumours: 29 cases (2013-2016). <b>2018</b> , 16, E68-E75	25
950	Stereotactic body radiation therapy for medically inoperable, clinically localized, urothelial carcinoma of the renal pelvis: A case report. <b>2018</b> , 3, 57-61	10
949	UK Consensus on Normal Tissue Dose Constraints for Stereotactic Radiotherapy. <b>2018</b> , 30, 5-14	109
948	Technical Requirements for Lung Cancer Radiotherapy. <b>2018</b> , 318-329.e2	1

947	Stage I Nonsmall Cell Lung Cancer and Oligometastatic Disease. <b>2018</b> , 342-354.e4	
946	Locoregional therapies for hepatocellular carcinoma and the new LI-RADS treatment response algorithm. <b>2018</b> , 43, 218-230	55
945	Treatment planning with intensity modulated particle therapy for multiple targets in stage IV non-small cell lung cancer. <b>2018</b> , 63, 025034	3
944	Optimal beam margins in linac-based VMAT stereotactic ablative body radiotherapy: a Pareto front analysis for liver metastases. <b>2018</b> , 43, 291-301	3
943	Knowledge-based treatment planning and its potential role in the transition between treatment planning systems. <b>2018</b> , 43, 251-257	6
942	Improvement of conformal arc plans by using deformable margin delineation method for stereotactic lung radiotherapy. <b>2018</b> , 19, 184-193	6
941	The development of a 4D treatment planning methodology to simulate the tracking of central lung tumors in an MRI-linac. <b>2018</b> , 19, 145-155	8
940	Stereotactic ablative radiotherapy for hepatocellular carcinoma: History, current status, and opportunities. <b>2018</b> , 24, 420-427	14
939	Single Fraction Stereotactic Ablative Body Radiotherapy for Oligometastasis: Outcomes from 132 Consecutive Patients. <b>2018</b> , 30, 178-184	12
938	Local ablative stereotactic body radiotherapy for oligometastatic prostate cancer. <b>2018</b> , 12, 351-358	8
937	Beyond the Knife: The Evolving Nonsurgical Management of Oligometastatic Colorectal Cancer. <b>2018</b> , 38, 209-219	2
936	Photon Irradiation for Spinal Chordomas and Chondrosarcomas. <b>2018</b> , 355-362	
935	Surveillance or Metastasis-Directed Therapy for Oligometastatic Prostate Cancer Recurrence: A Prospective, Randomized, Multicenter Phase II Trial. <b>2018</b> , 36, 446-453	578
934	Cardiac radiation dose distribution, cardiac events and mortality in early-stage lung cancer treated with stereotactic body radiation therapy (SBRT). <b>2018</b> , 10, 2346-2356	26
933	The effect of density overrides on magnetic resonance-guided radiation therapy planning for lung cancer. <b>2018</b> , 8, 23-27	2
932	Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma in Cirrhotic Liver. <b>2018</b> ,	
931	Treatment-Related Adverse Effects in Lung Cancer Patients after Stereotactic Ablative Radiation Therapy. <b>2018</b> , 2018, 6483626	6
930	Health-related quality of life for gemcitabine and nab-paclitaxel plus radiotherapy versus gemcitabine and S-1 plus radiotherapy in patients with metastatic pancreatic cancer. <b>2018</b> , 10, 4805-4815	4

929	CyberKnife MLC-based treatment planning for abdominal and pelvic SBRT: Analysis of multiple dosimetric parameters, overall scoring index and clinical scoring. <b>2018</b> , 56, 25-33	9
928	Using max standardized uptake value from positron emission tomography to assess tumor responses after lung stereotactic body radiotherapy for different prescriptions. <b>2018</b> , 19, 226-233	1
927	A hybrid planning strategy for stereotactic body radiation therapy of early stage non-small-cell lung cancer. <b>2018</b> , 19, 117-123	1
926	Dosimetric Implications of Computerised Tomography-Only versus Magnetic Resonance-Fusion Contouring in Stereotactic Body Radiotherapy for Prostate Cancer. <b>2018</b> , 5,	4
925	Efficacy of pre-operative stereotactic radiosurgery followed by surgical resection and correlative radiobiological analysis for patients with 1-4 brain metastases: study protocol for a phase II trial. <b>2018</b> , 13, 252	7
924	Advanced dose calculation algorithms in lung cancer radiotherapy: Implications for SBRT and locally advanced disease in deep inspiration breath hold. <b>2018</b> , 56, 50-57	4
923	Developments in Stereotactic Body Radiotherapy. <b>2018</b> , 10,	7
922	Clinical evidence for dose tolerance of the central nervous system in hypofractionated radiotherapy. <b>2018</b> , 7, 293-305	1
921	Re-irradiation for painful bone metastases using stereotactic body radiotherapy. <b>2018</b> , 57, 1700-1704	4
920	Delivery efficiency and susceptibility to setup uncertainties of flattening filter free lung SBRT: influence of isocentre geometry and treatment modality. <b>2018</b> , 63, 205017	2
919	The Role of Liver-Directed Therapy in Metastatic Colorectal Cancer. <b>2018</b> , 14, 129-137	7
918	MLC positioning verification for small fields: a new investigation into automatic EPID-based verification methods. <b>2018</b> , 41, 945-955	1
917	Pain flare, complexity and analgesia in bone oligometastases treated with stereotactic body radiation therapy. <b>2018</b> , 27, e12915	5
916	Stereotactic Body Radiotherapy for Spinal Metastases: Clinical Experience in 134 Cases From a Single Japanese Institution. <b>2018</b> , 17, 1533033818806472	18
915	ERS statement on harmonised standards for lung cancer registration and lung cancer services in Europe. <b>2018</b> , 52,	5
914	Comorbidity indexing for prediction of the clinical outcome after stereotactic body radiation therapy in non-small cell lung cancer. <b>2018</b> , 13, 213	9
913	Short-term outcomes and clinical efficacy of stereotactic body radiation therapy (SBRT) in treatment of adrenal gland metastases from lung cancer. <b>2018</b> , 13, 205	11
912	[Radiation-induced lung toxicity predictors after stereotactic radiation therapy for non-small cell lung carcinoma stage I]. <b>2018</b> , 22, 826-838	3

911	Radiation Therapy in Pancreatic Cancer. <b>2018</b> , 1-11		
910	Single-Fraction Stereotactic Body Radiotherapy for Oligometastatic Lymph Node Relapse in Prostate Cancer. <b>2018</b> , 41, 703-705		6
909	Stereotactic ablative radiotherapy (SABR) as primary, adjuvant, consolidation and re-treatment option in pancreatic cancer: scope for dose escalation and lessons for toxicity. <b>2018</b> , 13, 204		11
908	Technical and dosimetric implications of respiratory induced density variations in a heterogeneous lung phantom. <b>2018</b> , 13, 165		3
907	Stereotactic Body Radiotherapy: Does It Have a Role in Management of Hepatocellular Carcinoma?. <b>2018</b> , 59, 912-922		13
906	Radiation Therapy in Hepatocellular Carcinoma. <b>2018</b> , 1-12		
905	Stereotaktische Strahlentherapie im Stadium I des nichtkleinzelligen Lungenkarzinoms. <b>2018</b> , 24, 967-973		
904	Emerging role of MRI in radiation therapy. <b>2018</b> , 48, 1468-1478		43
903	Prediction of overall survival after re-irradiation with stereotactic body radiation therapy for pancreatic cancer with a novel prognostic model (the SCAD score). <b>2018</b> , 129, 313-318		11
902	Stereotactic body radiation therapy plus induction or adjuvant chemotherapy for early stage but medically inoperable pancreatic cancer: A propensity score-matched analysis of a prospectively collected database. <b>2018</b> , 10, 1295-1304		10
901	Inverse-planned deliverable 4D-IMRT for lung SBRT. <i>Medical Physics</i> , <b>2018</b> , 45, 5145-5160	4-4	1
900	Stereotactic ablative body radiotherapy (SABR) for inoperable, chemorefractory retroperitoneal lymph node relapse from non seminomatous germ cell tumour of testis: a case report. <b>2018</b> , 4, 20160114		1
899	Non-coplanar VMAT combined with non-uniform dose prescription markedly reduces lung dose in breath-hold lung SBRT. <b>2018</b> , 194, 815-823		7
898	An Investigation of Dosimetric Correlates of Acute Toxicity in Prostate Stereotactic Body Radiotherapy: Dose to Urinary Trigone is Associated with Acute Urinary Toxicity. <b>2018</b> , 30, 539-547		10
897	Prospective analysis of different combined regimens of stereotactic body radiation therapy and chemotherapy for locally advanced pancreatic cancer. <b>2018</b> , 7, 2913		10
896	Non-small Cell Lung Cancer. <b>2018</b> , 293-321		
895	Can dose outside the PTV influence the risk of distant metastases in stage I lung cancer patients treated with stereotactic body radiotherapy (SBRT)?. <b>2018</b> , 128, 513-519		10
894	SBRT for pancreatic cancer: In regard of Bohoudi et al. <b>2018</b> , 127, 511-512		1

893	Accelerated 3D bSSFP imaging for treatment planning on an MRI-guided radiotherapy system. <i>Medical Physics</i> , <b>2018</b> , 45, 2595-2602	4.4	5
892	Comparison of the progressive resolution optimizer and photon optimizer in VMAT optimization for stereotactic treatments. <b>2018</b> , 19, 155-162		13
891	Rescue procedure for an electrical storm using robotic non-invasive cardiac radio-ablation. <b>2018</b> , 128, 189-191		51
890	Definitive hypofractionated radiation therapy for early stage breast cancer: Dosimetric feasibility of stereotactic ablative radiotherapy and proton beam therapy for intact breast tumors. <b>2018</b> , 3, 447-457		8
889	Improving accuracy for stereotactic body radiotherapy treatments of spinal metastases. <b>2018</b> , 19, 453-462		4
888	Review of thoracic reirradiation with stereotactic body radiation therapy: A focus on toxicity risks. <b>2018</b> , 8, 251-265		8
887	The evolution and rise of stereotactic body radiotherapy (SBRT) for spinal metastases. <b>2018</b> , 18, 887-900		14
886	Do SABR-related toxicities for lung cancer depend on treatment delivery?. <b>2018</b> , 129, 67-78		
885	Functional liver image guided hepatic therapy (FLIGHT) with hepatobiliary iminodiacetic acid (HIDA) scans. <b>2018</b> , 8, 429-436		4
884	A survey of stereotactic radiation therapy in veterinary medicine. <b>2018</b> , 59, 786-795		8
883	Kidney Cancer. <b>2018</b> , 329-338		
882	Dosimetric Evaluation of Pinnacle's Automated Treatment Planning Software to Manually Planned Treatments. <b>2018</b> , 17, 1533033818780064		5
881	Stereotactic Volume Modulated Arc Radiotherapy in Canine Meningiomas: Imaging-Based and Clinical Neurological Posttreatment Evaluation. <b>2018</b> , 54, 77-84		7
880	Locoregional control and survival after lymph node SBRT in oligometastatic disease. <b>2018</b> , 35, 625-633		19
879	Arteriovenous Malformation. <b>2018</b> , 63-73		
878	Radiobiological Optimization in Lung Stereotactic Body Radiation Therapy: Are We Ready to Apply Radiobiological Models?. <b>2017</b> , 7, 321		6
877	VMAT Stereotactic Body Radiation Therapy in a Multimodal Approach to a Carotid Paraganglioma in a Dog. <b>2018</b> , 54, 111-116		4
876	Volumetric Modulated Arc (Radio) Therapy in Pets Treatment: The "La Cittadina Fondazione" Experience. <b>2018</b> , 10,		2

875	Impact of dose calculation algorithms on the dosimetric and radiobiological indices for lung stereotactic body radiotherapy (SBRT) plans calculated using LQII model. <b>2018</b> , 17, 219-229	
874	A simple method to account for skin dose enhancement during treatment planning of VMAT treatments of patients in contact with immobilization equipment. <b>2018</b> , 19, 239-245	7
873	[Bone metastases radiotherapy: Multi-approaches literature review]. <b>2018</b> , 22, 810-825	1
872	SBRT for pancreatic cancer: In regard of Bohoudi et al. <b>2018</b> , 127, 509-510	2
871	Influence of respiratory motion management technique on radiation pneumonitis risk with robotic stereotactic body radiation therapy. <b>2018</b> , 19, 48-57	2
870	Optimization of dose distributions of target volumes and organs at risk during stereotactic body radiation therapy for pancreatic cancer with dose-limiting auto-shells. <b>2018</b> , 13, 11	8
869	Stereotactic body radiation therapy for non-small cell lung cancer patients with prior history of thoracic surgery and/or radiation therapy: the influence of smoking, size, and central location on risk of complications. <b>2018</b> , 7, 53-61	
868	Pre-treatment DWI as a predictor of overall survival in locally advanced pancreatic cancer treated with Cyberknife radiotherapy and sequential S-1 therapy. <b>2018</b> , 18, 6	
867	Stereotactic body radiation therapy for heart-base tumors in six dogs. <b>2018</b> , 20, 186-197	15
866	A phase I dose-escalation trial of stereotactic ablative body radiotherapy for non-spine bone and lymph node metastases (DESTROY-trial). <b>2018</b> , 13, 152	5
865	Single fraction stereotactic radiation therapy (stereotactic radiosurgery) is a feasible method for treating intracranial meningiomas in dogs. <b>2018</b> , 59, 632-638	8
864	Stereotactic body radiation therapy for adrenal gland metastases: Outcomes and toxicity. <b>2018</b> , 3, 621-629	27
863	High dose hypofractionated frameless volumetric modulated arc radiotherapy is a feasible method for treating canine trigeminal nerve sheath tumors. <b>2018</b> , 59, 624-631	6
862	Postoperative re-irradiation using stereotactic body radiotherapy for metastatic epidural spinal cord compression. <b>2018</b> , 29, 332-338	11
861	Surgical Resection With Radiation Treatment Planning of Spinal Tumors. <b>2019</b> , 84, 1242-1250	11
860	Real-time tumor motion monitoring and PTV margin determination in lung SBRT treatment. <b>2019</b> , 58, 1786-1789	4
859	Assessment of the alpha/beta ratio of the optic pathway to adjust hypofractionated stereotactic radiosurgery regimens for perioptic lesions. <b>2019</b> , 8, 279-289	3
858	Novel inverse planning optimization algorithm for robotic radiosurgery: First clinical implementation and dosimetric evaluation. <b>2019</b> , 64, 230-237	11



857	Use of 3D biological effective dose (BED) for optimizing multi-target liver cancer treatments. <b>2019</b> , 42, 711-718		
856	Plan Quality and Secondary Cancer Risk Assessment in Patients with Benign Intracranial Lesions after Radiosurgery using the CyberKnife M6 Robotic Radiosurgery System. <b>2019</b> , 9, 9953		1
855	Physics of Stereotactic Body Radiotherapy. <b>2019</b> , 175-183		
854	Motion Management in Stereotactic Body Radiation Therapy. <b>2019</b> , 195-215		
853	Spinal Nerve Tolerance to Single-Session Stereotactic Ablative Radiation Therapy. <b>2019</b> , 104, 845-851		6
852	Dosimetric evaluation of the gantry sag effect in clinical SRS plans. <b>2019</b> , 1, 20180026		5
851	Stereotactic body radio therapy for inoperable large hepatocellular cancers: results from a clinical audit. <b>2019</b> , 92, 20181053		8
850	MRI-guided mid-position liver radiotherapy: Validation of image processing and registration steps. <b>2019</b> , 138, 132-140		15
849	Combination Treatment of Stereotactic Body Radiation Therapy and Immature Dendritic Cell Vaccination for Augmentation of Local and Systemic Effects. <b>2019</b> , 51, 464-473		11
848	Technical Note: Characterization of the new microSilicon diode detector. <i>Medical Physics</i> , <b>2019</b> , 46, 4257-4262	4.4	9
847	FLASH radiotherapy: Newsflash or flash in the pan?. <i>Medical Physics</i> , <b>2019</b> , 46, 4287-4290	4.4	13
846	Update in Veterinary Radiation Oncology: Focus on Stereotactic Radiation Therapy. <b>2019</b> , 49, 933-947		7
845	Development and prospective in-patient proof-of-concept validation of a surface photogrammetry+CT-based volumetric motion model for lung radiotherapy. <i>Medical Physics</i> , <b>2019</b> , 46, 5407-5420	4.4	4
844	[Inter- and intrafraction imaging during stereotactic body radiation therapy: Which solutions for which tumours?]. <b>2019</b> , 23, 891-895		
843	Decision Making in Patients With Metastatic Spine. The Role of Minimally Invasive Treatment Modalities. <b>2019</b> , 9, 915		24
842	4D Monte Carlo dose calculations for pre-treatment quality assurance of VMAT SBRT: a phantom-based feasibility study. <b>2019</b> , 64, 21NT01		0
841	10-MV SBRT FFF IRRADIATION TECHNIQUE IS ASSOCIATED TO THE LOWEST PERIPHERAL DOSE: THE OUTCOME OF 142 TREATMENT PLANS FOR THE 10 MOST COMMON TUMOUR LOCATIONS. <b>2019</b> , 185, 183-195		5
840	Efficient quality assurance method with automated data acquisition of a single phantom setup to determine radiation and imaging isocenter congruence. <b>2019</b> , 20, 127-133		1

839	External photon radiation treatment for prostate cancer: Uncomplicated and cancer-free control probability assessment of 36 plans. <b>2019</b> , 66, 88-96	5
838	Monte Carlo calculated kilovoltage x-ray arc therapy plans for three lung cancer patients. <b>2019</b> , 5,	2
837	A prospective multicentre feasibility study of stereotactic body radiotherapy in Japanese patients with spinal metastases. <b>2019</b> , 49, 999-1003	2
836	Stereotactic body radiotherapy in patients with multiple lung tumors: a focus on lung dosimetric constraints. <b>2019</b> , 19, 959-969	4
835	Feasibility of a GATE Monte Carlo platform in a clinical pretreatment QA system for VMAT treatment plans using TrueBeam with an HD120 multileaf collimator. <b>2019</b> , 20, 101-110	6
834	Improving treatment efficiency via photon optimizer (PO) MLC algorithm for synchronous single-isocenter/multiple-lesions VMAT lung SBRT. <b>2019</b> , 20, 201-207	8
833	Dosimetric quality and delivery efficiency of robotic radiosurgery for brain metastases: Comparison with C-arm linear accelerator based plans. <b>2019</b> , 20, 104-110	4
832	In Regard to Bondiau et al. <b>2019</b> , 104, 694	
831	In Reply: A Retrospective Cohort Study of Longitudinal Audiologic Assessment in Single and Fractionated Stereotactic Radiosurgery for Vestibular Schwannoma. <b>2019</b> , 85, E1127-E1129	
830	Three discipline collaborative radiation therapy (3DCRT) special debate: The single most important factor in determining the future of SBRT is immune response. <b>2019</b> , 20, 6-12	0
829	[Stereotactic pulmonary radiotherapy: Which machine?]. <b>2019</b> , 23, 658-661	
828	Pain REDuction with bone metastases STereotactic radiotherapy (PREST): A phase III randomized multicentric trial. <b>2019</b> , 20, 609	6
827	Prostate-specific membrane antigen-positron emission tomography/computed tomography (PSMA-PET/CT)-guided stereotactic ablative body radiotherapy for oligometastatic prostate cancer: a single-institution experience and review of the published literature. <b>2019</b> , 124 Suppl 1, 19-30	32
826	[Stereotactic body radiotherapy. How to better protect normal tissues?]. <b>2019</b> , 23, 630-635	0
825	Noncoplanar VMAT for Brain Metastases: A Plan Quality and Delivery Efficiency Comparison With Coplanar VMAT, IMRT, and CyberKnife. <b>2019</b> , 18, 1533033819871621	12
824	Biologically effective dose (BED) of stereotactic body radiation therapy (SBRT) was an important factor of therapeutic efficacy in patients with hepatocellular carcinoma (B cm). <b>2019</b> , 19, 846	14
823	Evaluation of a simplified optimizer for MR-guided adaptive RT in case of pancreatic cancer. <b>2019</b> , 20, 20-30	8
822	[Liver stereotactic body radiotherapy: Clinical features and technical consequences, results. Which treatment machine in which situation?]. <b>2019</b> , 23, 636-650	3

821	IPEM Topical Report: A 2018 IPEM survey of MRI use for external beam radiotherapy treatment planning in the UK. <b>2019</b> , 64, 175021	10
820	[Stereotactic radiotherapy of brain metastases in complex situations]. <b>2019</b> , 23, 708-715	2
819	Lung Stereotactic Body Radiation Therapy (SBRT) dose gradient and PTV volume: a retrospective multi-center analysis. <b>2019</b> , 14, 162	10
818	A phase III randomized-controlled, single-blind trial to improve quality of life with stereotactic body radiotherapy for patients with painful bone metastases (ROBOMET). <b>2019</b> , 19, 876	3
817	A national survey on technology and quality assurance for stereotactic body radiation therapy. <b>2019</b> , 65, 6-14	5
816	Technical note: improved positioning protocol for patient setup accuracy in conventional radiotherapy for lung cancer. <b>2019</b> , 12, 426-432	1
815	Electromagnetic Transponder Based Tracking and Gating in the Radiotherapeutic Treatment of Thoracic Malignancies. <b>2019</b> , 9, 456-464	3
814	Local Control and Toxicity of Multilevel Spine Stereotactic Body Radiotherapy. <b>2020</b> , 86, E164-E172	2
813	Novel stereotactic body radiation therapy (SBRT)-based partial tumor irradiation targeting hypoxic segment of bulky tumors (SBRT-PATHY): improvement of the radiotherapy outcome by exploiting the bystander and abscopal effects. <b>2019</b> , 14, 21	40
812	Elective nodal irradiation with simultaneous integrated boost stereotactic body radiotherapy for pancreatic cancer: Analyses of planning feasibility and geometrically driven DVH prediction model. <b>2019</b> , 20, 71-83	3
811	Compensation of intrafractional motion for lung stereotactic body radiotherapy (SBRT) on helical TomoTherapy. <b>2019</b> , 5, 025043	4
810	Technical Assessment of an Automated Treatment Planning on Dose Escalation of Pancreas Stereotactic Body Radiotherapy. <b>2019</b> , 18, 1533033819851520	3
809	Evaluation of Elekta Agility multi-leaf collimator performance using statistical process control tools. <b>2019</b> , 20, 100-108	2
808	Influence of SBRT fractionation on TCP and NTCP estimations for prostate cancer. <b>2019</b> , 62, 41-46	5
807	A comprehensive phantom with multi-detector inserts for pre-treatment quality assurance in stereotactic ablative radiotherapy. <b>2019</b> , 1154, 012022	1
806	Phase 2 Trial of Nivolumab Combined With Stereotactic Body Radiation Therapy in Patients With Metastatic or Locally Advanced Inoperable Melanoma. <b>2019</b> , 104, 828-835	22
805	Long-term Clinical Outcomes and Safety Profile of SBRT for Centrally Located NSCLC. <b>2019</b> , 4, 422-428	13
804	A retrospective case series on the usefulness of fractionated stereotactic radiotherapy for benign intracranial tumors. <b>2019</b> , 16, 123-128	3

803	Robotic stereotactic radiotherapy for liver oligometastases from colorectal cancer: a single-center experience. <b>2019</b> , 124, 870-876	8
802	Physiological motion of the optic chiasm and its impact on stereotactic radiosurgery dose. <b>2019</b> , 92, 20190170	3
801	Evaluation of plan adaptation strategies for stereotactic radiotherapy of lymph node oligometastases using online magnetic resonance image guidance. <b>2019</b> , 9, 58-64	19
800	Adaptive Radiotherapy for Anatomical Changes. <b>2019</b> , 29, 245-257	60
799	Spine SBRT With Halcyon—Plan Quality, Modulation Complexity, Delivery Accuracy, and Speed. <b>2019</b> , 9, 319	13
798	Stereotactic Body Radiotherapy (SBRT) for Oligometastatic Spine Metastases: An Overview. <b>2019</b> , 9, 337	35
797	Assessing the feasibility of single target radiosurgery quality assurance with portal dosimetry. <b>2019</b> , 20, 135-140	5
796	Distributive quality assurance and delivery of stereotactic ablative radiotherapy treatments amongst beam matched linear accelerators: A feasibility study. <b>2019</b> , 20, 99-105	8
795	Standardizing Normal Tissue Contouring for Radiation Therapy Treatment Planning: An ASTRO Consensus Paper. <b>2019</b> , 9, 65-72	26
794	On the use of AAA and AcurosXB algorithms for three different stereotactic ablative body radiotherapy (SABR) techniques: Volumetric modulated arc therapy (VMAT), intensity modulated radiation therapy (IMRT) and 3D conformal radiotherapy (3D-CRT). <b>2019</b> , 24, 399-408	7
793	Efficacy and Tolerability of CyberKnife Stereotactic Robotic Radiotherapy for Primary or Secondary Orbital Lesions: A Single-Center Retrospective Experience. <b>2019</b> , 18, 1533033818818561	1
792	Standardization of volumetric modulated arc therapy-based frameless stereotactic technique using a multidimensional ensemble-aided knowledge-based planning. <i>Medical Physics</i> , <b>2019</b> , 46, 1953-1962	4-4 6
791	Stereotactic Spinal Radiosurgery and Delayed Vertebral Fracture Risk. <b>2019</b> , 4, 20-25	1
790	Utilization of stereotactic ablative radiotherapy in oligometastatic & oligoprogressive skeletal metastases: Results and pattern of failure. <b>2019</b> , 15 Suppl 2, 14-19	6
789	Potential reduction of lung dose via VMAT with jaw tracking in the treatment of single-isocenter/two-lesion lung SBRT. <b>2019</b> , 20, 55-63	12
788	Both four-dimensional computed tomography and four-dimensional cone beam computed tomography under-predict lung target motion during radiotherapy. <b>2019</b> , 135, 65-73	33
787	Comparisons of different neoadjuvant chemotherapy regimens with or without stereotactic body radiation therapy for borderline resectable pancreatic cancer: study protocol of a prospective, randomized phase II trial (BRPCNCC-1). <b>2019</b> , 14, 52	9
786	Stereotactic body radiotherapy in patients with chronic obstructive pulmonary disease and interstitial pneumonia: a review. <b>2019</b> , 24, 899-909	5

785	Phenotype-Oriented Ablation of Oligometastatic Cancer with Single Dose Radiation Therapy. <b>2019</b> , 104, 593-603	23
784	A Roadmap to a Non-invasive Radiosurgical Approach to Ablate the Pulmonary Vein Antra for an Effective Treatment of Atrial Fibrillation. <b>2019</b> , 1182-1192	
783	Long term efficacy and toxicity after stereotactic ablative reirradiation in locally relapsed stage III non-small cell lung cancer. <b>2019</b> , 19, 305	12
782	Dose fall-off patterns with volumetric modulated arc therapy and three-dimensional conformal radiotherapy including the "organ at risk" effect. Experience of linear accelerator-based frameless radiosurgery from a single institution. <b>2019</b> , 23, 138-146	7
781	Epid-based in vivo dose verification for lung stereotactic treatments delivered with multiple breath-hold segmented volumetric modulated arc therapy. <b>2019</b> , 20, 37-44	12
780	Stereotactic Body Radiotherapy for Small Unresectable Hepatocellular Carcinomas. <b>2019</b> , 31, 365-373	10
779	Risk-adapted stereotactic ablative radiotherapy for central and ultra-central lung tumours. <b>2019</b> , 134, 178-184	6
778	Stereotactic Body Radiation Therapy: Lung Cancers. <b>2019</b> , 153-160	
777	EPID sensitivity to delivery errors for pre-treatment verification of lung SBRT VMAT plans. <b>2019</b> , 59, 37-46	4
776	Patterns of Local Failure After Stereotactic Body Radiation Therapy and Sequential Chemotherapy as Initial Treatment for Pancreatic Cancer: Implications of Target Volume Design. <b>2019</b> , 104, 101-110	31
775	Outcomes and adverse effects associated with stereotactic body radiation therapy in dogs with nasal tumors: 28 cases (2011-2016). <b>2019</b> , 254, 602-612	7
774	Real-time respiratory triggered four dimensional cone-beam CT halves imaging dose compared to conventional 4D CBCT. <b>2019</b> , 64, 07NT01	2
773	Fractionated Gamma Knife radiosurgery for skull base meningiomas: a single-institution experience. <b>2019</b> , 46, E8	5
772	Current status of stereotactic ablative body radiotherapy in the UK: six years of progress. <b>2019</b> , 1, 20190022	3
771	Basic Therapeutic Medical Physics. <b>2019</b> , 33, 915-928	
770	Fabrication and Dosimetric Evaluations of a Dummy Eye Shield for Radiotherapy. <b>2019</b> , 75, 605-609	
769	Mono-institutional phase 2 study of innovative Stereotactic Body RadioTherapy targeting Partial Tumor Hypoxic (SBRT-PATHY) clonogenic cells in unresectable bulky non-small cell lung cancer: profound non-targeted effects by sparing peri-tumoral immune microenvironment. <b>2019</b> , 14, 212	25
768	Normofractionated stereotactic radiotherapy versus CyberKnife-based hypofractionation in skull base meningioma: a German and Italian pooled cohort analysis. <b>2019</b> , 14, 201	13

767	Impact of use of optical surface imaging on initial patient setup for stereotactic body radiotherapy treatments. <b>2019</b> , 20, 149-158	10
766	Efficacy of stereotactic body radiotherapy for unresectable or recurrent cholangiocarcinoma: a meta-analysis and systematic review. <b>2019</b> , 195, 93-102	16
765	Stereotactic Ablative Radiotherapy as an Alternative to Lobectomy in Patients With Medically Operable Stage I NSCLC: A Retrospective, Multicenter Analysis. <b>2019</b> , 20, e53-e61	11
764	Selection of patient for gated treatment based on the information from 4DCT imaging in stereotactic body radiotherapy of non-small cell lung cancer. <b>2019</b> , 18, 175-179	
763	Long-term survival with stereotactic radiotherapy for imaging-diagnosed pituitary tumors in dogs. <b>2019</b> , 60, 219-232	5
762	Evaluation of plan quality and treatment efficiency for single-isocenter/two-lesion lung stereotactic body radiation therapy. <b>2019</b> , 20, 118-127	13
761	Effect of arc length on skin dose from hypofractionated volumetric modulated arc radiotherapy treatments of the lung and spine. <b>2019</b> , 44, 309-314	1
760	Radiotherapy for oligometastatic cancer: a survey among radiation oncologists of Lombardy (AIRO-Lombardy), Italy. <b>2019</b> , 124, 315-322	7
759	Prospective Immunophenotyping of CD8 T Cells and Associated Clinical Outcomes of Patients With Oligometastatic Prostate Cancer Treated With Metastasis-Directed SBRT. <b>2019</b> , 103, 229-240	11
758	A fast inverse direct aperture optimization algorithm for intensity-modulated radiation therapy. <i>Medical Physics</i> , <b>2019</b> , 46, 1127-1139	4.4 5
757	Commentary: Stereotactic Body Radiotherapy for Spinal Metastases at the Extreme Ends of the Spine: Imaging-Based Outcomes for Cervical and Sacral Metastases. <b>2019</b> , 85, E804-E805	
756	Phase I/II Trial of Electrophysiology-Guided Noninvasive Cardiac Radioablation for Ventricular Tachycardia. <b>2019</b> , 139, 313-321	149
755	Assessment of beam-matched linacs quality/accuracy for interchanging SBRT or SRT patient using VMAT without replanning. <b>2019</b> , 20, 68-75	13
754	Assessing Functionality and Benefits of Comprehensive Dose Volume Prescriptions: An International, Multi-Institutional, Treatment Planning Study in Spine Stereotactic Body Radiation Therapy. <b>2019</b> , 9, 9-15	7
753	ICRU report '91 on prescribing, recording, and reporting of stereotactic treatments with small photon beams : Statement from the DEGRO/DGMP working group stereotactic radiotherapy and radiosurgery. <b>2019</b> , 195, 193-198	69
752	Commentary: Stereotactic Body Radiotherapy for Spinal Metastases at the Extreme Ends of the Spine: Imaging-Based Outcomes for Cervical and Sacral Metastases. <b>2019</b> , 85, E802-E803	
751	SBRT planning for spinal metastasis: indications from a large multicentric study. <b>2019</b> , 195, 226-235	18
750	Dose escalation in extracranial stereotactic ablative radiotherapy (DESTROY-1): A multiarm Phase I trial. <b>2019</b> , 92, 20180422	4

749	. <b>2019</b> , 66, 519-527	5
748	Stereotactic radiation therapy for canine multilobular osteochondrosarcoma: Eight cases. <b>2020</b> , 18, 76-83	3
747	Single-Isocenter Multitarget Stereotactic Radiosurgery Is Safe and Effective in the Treatment of Multiple Brain Metastases. <b>2020</b> , 5, 70-76	19
746	[F]Fluorocholine PET/CT-guided stereotactic body radiotherapy in patients with recurrent oligometastatic prostate cancer. <b>2020</b> , 47, 185-191	9
745	Clinical Outcomes Using Magnetic Resonance-Guided Stereotactic Body Radiation Therapy in Patients With Locally Advanced Cholangiocarcinoma. <b>2020</b> , 5, 189-195	9
744	Dosimetric impact of respiratory motion during boron neutron capture therapy for lung cancer. <b>2020</b> , 168, 108527	3
743	Basics of Radiation Therapy. <b>2020</b> , 431-460.e3	0
742	Clinical experience of stereotactic body radiation for refractory ventricular tachycardia in advanced heart failure patients. <b>2020</b> , 17, 415-422	41
741	Clinical outcomes and prognostic factors of stereotactic body radiation therapy combined with gemcitabine plus capecitabine for locally advanced unresectable pancreatic cancer. <b>2020</b> , 146, 417-428	5
740	A Technical Overview of the CyberKnife System. <b>2020</b> , 15-38	8
739	Feasibility of 4D CT simulation with synchronized intravenous contrast injection in hepatocellular carcinoma. <b>2020</b> , 25, 293-298	4
738	Repeated CyberKnife stereotactic body radiation therapy in hepatocellular carcinoma. <b>2020</b> , 15, 10	2
737	Isotoxic dose prescription level strategies for stereotactic liver radiotherapy: the price of dose uniformity. <b>2020</b> , 59, 558-564	4
736	Contact lens-type ocular in vivo dosimeter for radiotherapy. <i>Medical Physics</i> , <b>2020</b> , 47, 722-735	4.4 5
735	Online Prostate-Specific Membrane Antigen and Positron Emission Tomography-Guided Radiation Therapy for Oligometastatic Prostate Cancer. <b>2020</b> , 5, 260-268	11
734	Hypofractionated Stereotactic Ablative Radiotherapy for Recurrent or Oligometastatic Tumours in Children and Young Adults. <b>2020</b> , 32, 316-326	7
733	Imaging and Management of Liver Cancer. <b>2020</b> , 41, 122-138	3
732	Treatment planning of VMAT and step-and-shoot IMRT delivery techniques for single fraction spine SBRT: An intercomparative dosimetric analysis and phantom-based quality assurance measurements. <b>2020</b> , 21, 62-68	1

731	A Cancer Care Ontario Organizational Guideline for the Delivery of Stereotactic Radiosurgery for Brain Metastasis in Ontario, Canada. <b>2020</b> , 10, 243-254	2
730	The first prospective implementation of markerless lung target tracking in an experimental quality assurance procedure on a standard linear accelerator. <b>2020</b> , 65, 025008	6
729	Stereotactic ablative body radiotherapy (SABR) for bone only oligometastatic breast cancer: A prospective clinical trial. <b>2020</b> , 49, 55-62	25
728	Radiation Oncology. <b>2020</b> , 209-230	1
727	Stereotactic body radiation therapy for treatment of soft tissue sarcomas in 35 dogs. <b>2020</b> , 256, 102-110	4
726	Stereotactic body radiotherapy using the forward-planned static-port tomotherapy for lung cancer: a novel planning technique with the newly-developed mode. <b>2020</b> , 61, 993-998	
725	Dose-Distribution-Driven PET Image-Based Outcome Prediction (DDD-PIOP): A Deep Learning Study for Oropharyngeal Cancer IMRT Application. <b>2020</b> , 10, 1592	7
724	Full automation of spinal stereotactic radiosurgery and stereotactic body radiation therapy treatment planning using Varian Eclipse scripting. <b>2020</b> , 21, 122-131	2
723	Retrospective analysis of the impact of respiratory motion in treatment margins for frameless lung SBRT based on respiratory-correlated CBCT data-sets. <b>2020</b> , 21, 170-178	2
722	Stereotactic body radiation therapy (SBRT) in recurrent, persistent or oligometastatic gynecological cancers. <b>2020</b> , 159, 611-617	3
721	Role of External Beam Radiotherapy in Hepatocellular Carcinoma. <b>2020</b> , 24, 701-717	5
720	Technical Note: Performance of CyberKnife tracking using low-dose CT and kV imaging. <i>Medical Physics</i> , <b>2020</b> , 47, 6163-6170	4.4 1
719	Radiation-induced Lumbosacral Plexopathy after Spine Stereotactic Body Radiotherapy - Should the Lumbosacral Plexi be Contoured?. <b>2020</b> , 32, 884-886	
718	[Refractory ventricular tachycardia: Is there a role for radiotherapy?]. <b>2020</b> , 24, 534-546	2
717	Noninvasive Radioablation of Ventricular Tachycardia. <b>2020</b> , 28, 283-290	
716	On the use of single-isocenter VMAT plans for SBRT treatment of synchronous multiple lung lesions: Plan quality, treatment efficiency, and early clinical outcomes. <b>2020</b> , 21, 160-167	3
715	Ga-PSMA-11 PET/CT-Guided Stereotactic Body Radiation Therapy Retreatment in Prostate Cancer Patients with PSA Failure after Salvage Radiotherapy. <b>2020</b> , 8,	3
714	Dosimetric effects of dose calculation grid size on the epidural space dose. <b>2020</b> , 45, 327-333	



713	Acknowledge uncertainties. <b>2020</b> , 21, 4-5	
712	NRG Oncology Survey on Practice and Technology Use in SRT and SBRT Delivery. <b>2020</b> , 10, 602607	1
711	Clinical evaluation of photon optimizer (PO) MLC algorithm for stereotactic, single-dose of VMAT lung SBRT. <b>2020</b> , 45, 321-326	1
710	Incorporating sensitive cardiac substructure sparing into radiation therapy planning. <b>2020</b> , 21, 195-204	7
709	Chemotherapy-based split stereotactic body radiation therapy for borderline resectable and locally advanced pancreatic cancer: study protocol of a prospective, single-arm phase II trial. <b>2020</b> , 10, e039900	0
708	On-line adaptive MR guided radiotherapy for locally advanced pancreatic cancer: Clinical and dosimetric considerations. <b>2020</b> , 15, 15-21	21
707	Stereotactic Body Radiation Therapy (SBRT) in Pelvic Lymph Node Oligometastases. <b>2020</b> , 38, 599-607	1
706	Radiosurgery dose reduction for brain metastases on immunotherapy (RADREMI): A prospective phase I study protocol. <b>2020</b> , 25, 500-506	2
705	Integration of Electroanatomical Mapping With Imaging to Guide Radiotherapy of VT Substrates With High Accuracy. <b>2020</b> , 6, 874-876	2
704	Low risk of radiation myelopathy with relaxed spinal cord dose constraints in de novo, single fraction spine stereotactic radiosurgery. <b>2020</b> , 152, 49-55	0
703	Electrocardiographic imaging for cardiac arrhythmias and resynchronization therapy. <b>2020</b> ,	7
702	ACR-ASTRO Practice Parameter for the Performance of Stereotactic Body Radiation Therapy. <b>2020</b> , 43, 545-552	7
701	A physically meaningful relationship between R50% and PTV surface area in lung SBRT. <b>2020</b> , 21, 47-56	7
700	Hypofractionated spinal stereotactic body radiation therapy for high-grade epidural disease. <b>2020</b> , 1-8	4
699	Non-invasive stereotactic body radiation therapy for refractory ventricular arrhythmias: an institutional experience. <b>2021</b> , 61, 535-543	14
698	Advantages and challenges for noninvasive atrial fibrillation ablation. <b>2021</b> , 62, 319-327	1
697	Portal dosimetry scripting application programming interface (PDSAPI) for Winston-Lutz test employing ceramic balls. <b>2020</b> , 21, 295-303	1
696	Patient-specific quality assurance using machine log files analysis for stereotactic body radiation therapy (SBRT). <b>2020</b> , 21, 179-187	11

695	Recommended dose voxel size and statistical uncertainty parameters for precision of Monte Carlo dose calculation in stereotactic radiotherapy. <b>2020</b> , 21, 120-130	2
694	Stereotactic Body Radiotherapy for Pulmonary Oligometastasis from Colorectal Cancer. <b>2020</b> , 34, 2991-2996	3
693	Stereotactic body radiotherapy versus hepatic resection for hepatocellular carcinoma (≥ 5 cm): a propensity score analysis. <b>2020</b> , 14, 788-797	6
692	Outcome and toxicity of hypofractionated image-guided SABR for spinal oligometastases. <b>2020</b> , 24, 65-70	2
691	Oncological Outcomes of Metastasis-Directed Therapy in Oligorecurrent Prostate Cancer Patients Following Radical Prostatectomy. <b>2020</b> , 12,	5
690	Targeting Oligometastasis with Stereotactic Ablative Radiation Therapy or Surgery in Metastatic Hormone-sensitive Prostate Cancer: A Systematic Review of Prospective Clinical Trials. <b>2020</b> , 3, 582-593	12
689	Case Report: A Case Report of Stereotactic Ventricular Arrhythmia Radioablation (STAR) on Large Cardiac Target Volume by Highly Personalized Inter- and Intra-fractional Image Guidance. <b>2020</b> , 7, 565471	1
688	Ten-Year Experience of Stereotactic Body Radiotherapy at a Single Institution: Impact of Technological Development on the Outcome of Patients With Early Lung Cancer. <b>2020</b> , 19, 1533033820979163	
687	Arteriovenous Malformations Treated With Frameless Robotic Radiosurgery Using Non-Invasive Angiography: Long-Term Outcomes of a Single Center Pilot Study. <b>2020</b> , 10, 570782	0
686	Evaluation of Radiotherapy-Induced Systemic Antitumor Effects in Mice Bearing 4T1 Mouse Breast Cancer Cells. <b>2020</b> ,	1
685	Residual intra-fraction error in robotic spinal stereotactic body radiotherapy without immobilization devices. <b>2020</b> , 16, 20-25	1
684	Automated treatment planning as a dose escalation strategy for stereotactic radiation therapy in pancreatic cancer. <b>2020</b> , 21, 48-57	4
683	MRI Assessment of Hepatocellular Carcinoma after Local-Regional Therapy: A Comprehensive Review. <b>2020</b> , 2, e190024	8
682	Protocol of a study investigating breath-hold techniques for upper-abdominal radiation therapy (BURDIE): addressing the challenge of a moving target. <b>2020</b> , 15, 250	2
681	Assessment of Spinal Tumor Treatment Using Implanted 3D-Printed Vertebral Bodies with Robotic Stereotactic Radiotherapy. <b>2020</b> , 1, 100040	5
680	Analysis of cardiac motion without respiratory motion for cardiac stereotactic body radiation therapy. <b>2020</b> , 21, 48-55	3
679	Definitive-intent intensity-modulated radiation therapy provides similar outcomes to those previously published for definitive-intent three-dimensional conformal radiation therapy in dogs with primary brain tumors: A multi-institutional retrospective study. <b>2020</b> , 61, 481-489	3
678	Commissioning of a 1.5T Elekta Unity MR-linac: A single institution experience. <b>2020</b> , 21, 160-172	21

677	X-ray-induced acoustic computed tomography for guiding prone stereotactic partial breast irradiation: a simulation study. <i>Medical Physics</i> , <b>2020</b> , 47, 4386-4395	4-4	3
676	Spinal Stereotactic Body Radiotherapy (SBRT) Planning Techniques. <b>2020</b> ,		1
675	PEACE V - Salvage Treatment of OligoRecurrent nodal prostate cancer Metastases (STORM): a study protocol for a randomized controlled phase II trial. <b>2020</b> , 20, 406		33
674	Deep Learning model for markerless tracking in spinal SBRT. <b>2020</b> , 74, 66-73		6
673	The Medical Physics Management of Reirradiation Patients. <b>2020</b> , 30, 204-211		1
672	Organ at risk delineation for radiation therapy clinical trials: Global Harmonization Group consensus guidelines. <b>2020</b> , 150, 30-39		17
671	Clinical efficacy of Stereotactic Body Radiation Therapy (SBRT) for adrenal gland metastases: A multi-center retrospective study from China. <b>2020</b> , 10, 7836		5
670	Effectiveness of robust optimization in volumetric modulated arc therapy using 6 and 10 MV flattening filter-free beam therapy planning for lung stereotactic body radiation therapy with a breath-hold technique. <b>2020</b> , 61, 575-585		1
669	Radiation-Induced Secondary Cancer Risk Assessment in Patients With Lung Cancer After Stereotactic Body Radiotherapy Using the CyberKnife M6 System With Lung-Optimized Treatment. <b>2020</b> , 8, 306		1
668	Dosimetric impact of tracheostomy devices in head and neck cancer patients. <b>2020</b> , 21, 26-32		1
667	Clinical and radiographic adverse events after Gamma Knife radiosurgery for brainstem lesions: A dosimetric analysis. <b>2020</b> , 147, 200-209		2
666	Implementing a Novel Remote Physician Treatment Coverage Practice for Adaptive Radiation Therapy During the Coronavirus Pandemic. <b>2020</b> , 5, 737-742		4
665	Dosimetric predictors of patient-reported toxicity after prostate stereotactic body radiotherapy: Analysis of full range of the dose-volume histogram using ensemble machine learning. <b>2020</b> , 148, 181-188		2
664	Dose prescription in SBRT for early-stage non-small cell lung cancer: are we all speaking the same language?. <b>2021</b> , 107, 182-187		1
663	Clinical Outcomes of Stereotactic Body Radiotherapy With Immediate Versus Delayed Hormone Therapy in Men With Oligometastatic Recurrence of Prostate Cancer. <b>2020</b> , 32, 509-517		3
662	Challenges in Reirradiation of Intrahepatic Tumors. <b>2020</b> , 30, 242-252		3
661	Overall and chemotherapy-free survival following stereotactic body radiation therapy for abdominopelvic oligometastases. <b>2020</b> , 64, 563-569		1
660	Stereotactic ablative body radiotherapy (SABR) combined with immunotherapy (L19-IL2) versus standard of care in stage IV NSCLC patients, ImmunoSABR: a multicentre, randomised controlled open-label phase II trial. <b>2020</b> , 20, 557		19

659	An assessment of the ExacTrac intrafraction imaging capabilities for flattening filter free prostate stereotactic body radiotherapy. <b>2020</b> , 43, 849-855	0
658	Development and Validation of a Comprehensive Multivariate Dosimetric Model for Predicting Late Genitourinary Toxicity Following Prostate Cancer Stereotactic Body Radiotherapy. <b>2020</b> , 10, 786	1
657	Feasibility study for marker-based VMAT plan optimization toward tumor tracking. <b>2020</b> , 21, 84-99	0
656	Correlation of normal lung density changes with dose after stereotactic body radiotherapy (SBRT) for early stage lung cancer. <b>2020</b> , 22, 1-8	3
655	Stereotactic body radiotherapy: No longer a special procedure?. <b>2020</b> , 21, 6-9	
654	Credentialing of vertebral stereotactic ablative body radiotherapy in a multi-centre trial. <b>2020</b> , 72, 16-21	2
653	Vertebral Fractures Following Stereotactic Body Radiotherapy for Spine Oligometastases: A Multi-institutional Analysis of Patient Outcomes. <b>2020</b> , 32, 433-441	3
652	Stereotactic arrhythmia radioablation for refractory scar-related ventricular tachycardia. <b>2020</b> , 17, 1241-1248	42
651	Association of tumor genomic factors and efficacy for metastasis-directed stereotactic body radiotherapy for oligometastatic colorectal cancer. <b>2020</b> , 146, 29-36	10
650	Outcome of intensity-modulated radiation therapy-based stereotactic radiation therapy for treatment of canine nasal carcinomas. <b>2020</b> , 61, 370-378	2
649	Use of surface-guided radiation therapy in combination with IGRT for setup and intrafraction motion monitoring during stereotactic body radiation therapy treatments of the lung and abdomen. <b>2020</b> , 21, 48-55	10
648	Technological quality requirements for stereotactic radiotherapy : Expert review group consensus from the DGMP Working Group for Physics and Technology in Stereotactic Radiotherapy. <b>2020</b> , 196, 421-443	32
647	Clinical impact of the VOLO optimizer on treatment plan quality and clinical treatment efficiency for CyberKnife. <b>2020</b> , 21, 38-47	12
646	Multi-institution validation of a new high spatial resolution diode array for SRS and SBRT plan pretreatment quality assurance. <i>Medical Physics</i> , <b>2020</b> , 47, 3153-3164	4.4 12
645	A simple, yet novel hybrid-dynamic conformal arc therapy planning via flattening filter-free beam for lung stereotactic body radiotherapy. <b>2020</b> , 21, 83-92	3
644	CyberKnife Stereotactic Body Radiation Therapy as an Effective Treatment for Hepatocellular Carcinoma Patients With Decompensated Cirrhosis. <b>2020</b> , 10, 100	
643	Independent 6D quality assurance of stereotactic radiotherapy repositioning on linacs. <b>2020</b> , 24, 199-205	0
642	Outcomes of stereotactic body radiotherapy 60 Gy in 8 fractions when prioritizing organs at risk for central and ultracentral lung tumors. <b>2020</b> , 15, 61	10

641	A review of stereotactic body radiotherapy for the spine. <b>2020</b> , 43, 799-824		4
640	Dosimetric comparison of dynamic conformal arc integrated with segment shape optimization and variable dose rate versus volumetric modulated arc therapy for liver SBRT. <b>2020</b> , 25, 667-677		3
639	Dosimetric and volumetric outcomes of combining cyst puncture through an Ommaya reservoir with index-optimized hypofractionated stereotactic radiotherapy in the treatment of craniopharyngioma. <b>2020</b> , 23, 66-71		2
638	Single-fraction stereotactic ablative body radiotherapy for sternal metastases in oligometastatic breast cancer: Technique and single institution experience. <b>2020</b> , 64, 580-585		2
637	Dosimetric comparison between RapidArc and HyperArc techniques in salvage stereotactic body radiation therapy for recurrent nasopharyngeal carcinoma. <b>2020</b> , 15, 164		5
636	Real-time in vivo dosimetry system based on an optical fiber-coupled micro-sized photostimulable phosphor for stereotactic body radiation therapy. <i>Medical Physics</i> , <b>2020</b> , 47, 5235-5249	4-4	3
635	Voxel based evaluation of sequential radiotherapy treatment plans with different dose fractionation schemes. <b>2020</b> , 93, 20200197		2
634	FFF-VMAT for SBRT of lung lesions: Improves dose coverage at tumor-lung interface compared to flattened beams. <b>2020</b> , 21, 26-35		15
633	Dynamic conformal arcs for lung stereotactic body radiation therapy: A comparison with volumetric-modulated arc therapy. <b>2020</b> , 21, 103-109		2
632	Stereotactic Body Radiotherapy for Large Unresectable Hepatocellular Carcinomas - A Single Institution Phase II Study. <b>2020</b> , 32, 423-432		6
631	Flattening filter free VMAT for a stereotactic, single-dose of 30 Gy to lung lesion in a 15-min treatment slot. <b>2020</b> , 21, 6-12		7
630	Evaluation of the Visibility and Artifacts of 11 Common Fiducial Markers for Image Guided Stereotactic Body Radiation Therapy in the Abdomen. <b>2020</b> , 10, 434-442		9
629	Performance assessment of a new optimization system for robotic SBRT MLC-based plans. <b>2020</b> , 71, 31-38		8
628	Dosimetric comparison of mono-isocentric and multi-isocentric plans for oligobrain metastases: A single institutional experience. <b>2020</b> , 24, 53-59		5
627	A multi-institutional initiative on patient-related quality assurance: Independent computational dose verification of fluence-modulated treatment techniques. <b>2020</b> , 30, 155-165		
626	Existence of a Dose-Length Effect in Spinal Nerves Receiving Single-Session Stereotactic Ablative Radiation Therapy. <b>2020</b> , 106, 1010-1016		3
625	Survey of current practices from an international task force for gynecological stereotactic ablative radiotherapy. <b>2020</b> , 15, 24		3
624	Intracranial Stereotactic Radiation Therapy With a Jawless Ring Gantry Linear Accelerator Equipped With New Dual Layer Multileaf Collimator. <b>2020</b> , 5, 482-489		5

623	Two cases of Hemosuccus pancreaticus after stereotactic radiotherapy to the pancreas: A case study. <b>2020</b> , 24, 60-63		
622	Dosimetric impact of rotational errors on the quality of VMAT-SRS for multiple brain metastases: Comparison between single- and two-isocenter treatment planning techniques. <b>2020</b> , 21, 32-44		17
621	Implementation of a Novel Remote Physician Stereotactic Body Radiation Therapy Coverage Process during the Coronavirus Pandemic. <b>2020</b> , 5, 690-696		5
620	Outcomes of Observation vs Stereotactic Ablative Radiation for Oligometastatic Prostate Cancer: The ORIOLE Phase 2 Randomized Clinical Trial. <b>2020</b> , 6, 650-659		297
619	Stereotactic ablative body radiation therapy (SABR) in NSW. <b>2020</b> , 43, 641-650		2
618	An integrated quality assurance phantom for frameless single-isocenter multitarget stereotactic radiosurgery. <b>2020</b> , 65, 115006		2
617	A convolution neural network for higher resolution dose prediction in prostate volumetric modulated arc therapy. <b>2020</b> , 72, 88-95		8
616	Telecommuting: A viable option for medical physicists amid the 'COVID-19' outbreak and beyond. <i>Medical Physics</i> , <b>2020</b> , 47, 2045-2048	4.4	8
615	A novel and clinically useful dynamic conformal arc (DCA)-based VMAT planning technique for lung SBRT. <b>2020</b> , 21, 29-38		8
614	Measurement of surface dose in an MR-Linac with optically stimulated luminescence dosimeters for IMRT beam geometries. <i>Medical Physics</i> , <b>2020</b> , 47, 3133-3142	4.4	3
613	A novel dynamic robotic moving phantom system for patient-specific quality assurance in real-time tumor-tracking radiotherapy. <b>2020</b> , 21, 16-28		2
612	NTCP Models for Severe Radiation Induced Dermatitis After IMRT or Proton Therapy for Thoracic Cancer Patients. <b>2020</b> , 10, 344		8
611	Single- and Multi-Fraction Stereotactic Radiosurgery Dose Tolerances of the Optic Pathways. <b>2021</b> , 110, 87-99		53
610	Treatment outcomes and target delineation utilizing CT and MRI in 13 dogs treated with a uniform stereotactic radiation therapy protocol (16 Gy single fraction) for pituitary masses: (2014-2017). <b>2021</b> , 19, 17-24		1
609	Stereotactic radiotherapy for small and very small tumours (1 to 3 cc): evaluation of the influence of volumetric-modulated arc therapy in comparison to dynamic conformal arc therapy and 3D conformal radiotherapy as a function of flattened and unflattened beam models. <b>2021</b> , 20, 59-65		1
608	Organs at Risk Considerations for Thoracic Stereotactic Body Radiation Therapy: What Is Safe for Lung Parenchyma?. <b>2021</b> , 110, 172-187		15
607	The development and testing of a novel spherical radiotherapy phantom system for the commissioning and patient-specific quality assurance of mono-isocentric multiple mets SRS plans. <i>Medical Physics</i> , <b>2021</b> , 48, 105-113	4.4	1
606	Conformal Avoidance of Normal Organs at Risk by Perfusion-Modulated Dose Sculpting in Tumor Single-Dose Radiation Therapy. <b>2021</b> , 109, 288-297		5

605	Single- and Multifraction Stereotactic Radiosurgery Dose/Volume Tolerances of the Brain. <b>2021</b> , 110, 68-86	40
604	Clinical implementation of 3D in vivo dosimetry for abdominal and pelvic stereotactic treatments. <b>2021</b> , 154, 14-20	4
603	A multi-institutional phase 2 trial of stereotactic body radiotherapy in the treatment of bone metastases in pediatric and young adult patients with sarcoma. <b>2021</b> , 127, 739-747	4
602	The feasibility and efficacy of new SBRT technique HyperArc for recurrent nasopharyngeal carcinoma: noncoplanar cone-based robotic system vs. noncoplanar high-definition MLC based Linac system. <b>2021</b> , 46, 164-170	1
601	Dosimetric impact of intrafraction prostate rotation and accuracy of gating, multi-leaf collimator tracking and couch tracking to manage rotation: An end-to-end validation using volumetric film measurements. <b>2021</b> , 156, 10-18	2
600	An Automated knowledge-based planning routine for stereotactic body radiotherapy of peripheral lung tumors via DCA-based volumetric modulated arc therapy. <b>2021</b> , 22, 109-116	1
599	Stereotactic Ablative Radiation Therapy to All Lesions in Patients With Oligometastatic Cancers: A Phase 1 Dose-Escalation Trial. <b>2021</b> , 109, 1195-1205	6
598	Dosimetric feasibility of hypofractionation for SBRT treatment of lymph node oligometastases on the 1.5T MR-linac. <b>2021</b> , 154, 243-248	3
597	Cleaning the dose falloff in lung SBRT plan. <b>2021</b> , 22, 100-108	1
596	Prostate SBRT using O-Ring Halcyon Linac - Plan quality, delivery efficiency, and accuracy. <b>2021</b> , 22, 68-75	4
595	Clinical validation of ring-mounted halcyon linac for lung SBRT: comparison to SBRT-dedicated C-arm linac treatments. <b>2021</b> , 22, 261-270	7
594	Stereotactic Body Radiation Therapy for Metastatic and Recurrent Solid Tumors in Children and Young Adults. <b>2021</b> , 109, 1396-1405	3
593	Development and clinical validation of a robust knowledge-based planning model for stereotactic body radiotherapy treatment of centrally located lung tumors. <b>2021</b> , 22, 146-155	3
592	Dose simulations of an early 20th century kilovoltage pneumonia radiotherapy technique performed with a modern fluoroscope. <b>2021</b> , 46, 74-79	2
591	Stereotactic Body Radiation Therapy for Mediastinal and Hilar Lymph Node Metastases. <b>2021</b> , 109, 764-774	3
590	Long-term outcomes with conventional fractionated and stereotactic radiotherapy for suspected heart-base tumours in dogs. <b>2021</b> , 19, 191-200	1
589	Spinal Cord Dose Tolerance to Stereotactic Body Radiation Therapy. <b>2021</b> , 110, 124-136	34
588	Stereotactic Radiosurgery: Planning and Evaluation. <b>2021</b> , 139-151	

587	A combined protocol with piroxicam, chemotherapy, and whole pelvic irradiation with simultaneous boost volumetric modulated arc radiotherapy for muscle-invasive canine urinary transitional cell carcinoma: First clinical experience. <b>2021</b> , 83, 695-704	2
586	Performance of deep learning synthetic CTs for MR-only brain radiation therapy. <b>2021</b> , 22, 308-317	2
585	Treatment of multiple intracranial metastases in radiation oncology: a contemporary review of available technologies. <b>2021</b> , 3, 20210035	0
584	Radiation dosimetric influence by different target volume definition in Cyberknife lung cancer and abdomen stereotactic body radiotherapy. <b>2021</b> , 14, 336-343	
583	Image-Guided Robotic Radiosurgery for the Management of Intramedullary Spinal Cord Metastases-A Multicenter Experience. <b>2021</b> , 13,	2
582	Brain Metastases: Intact and Postoperative Radiotherapy and Radiosurgery. <b>2021</b> , 147-153	
581	A first report of tumour-tracking radiotherapy with helical tomotherapy for lung and liver tumours: A double case report. <b>2021</b> , 9, 2050313X211023688	0
580	MRI-guided stereotactic radiation therapy for hepatocellular carcinoma: a feasible and safe innovative treatment approach. <b>2021</b> , 147, 2057-2068	7
579	Radiotherapy for Oligometastatic Prostate Cancer. <b>2021</b> , 209-222	
578	Rationale for Involved Field Stereotactic Body Radiation Therapy-Enhanced Intermittent Androgen Deprivation Therapy in Hormone-Sensitive Nodal Oligo-Recurrent Prostate Cancer Following Prostate Stereotactic Body Radiation Therapy. <b>2020</b> , 10, 606260	1
577	Time Dependence of Intra-fractional Motion in Spinal Stereotactic Body Radiotherapy. <b>2021</b> , 35, 2433-2437	1
576	Postoperative Stereotactic Body Radiotherapy for Spinal Metastasis and Predictors of Local Control. <b>2021</b> , 88, 1021-1027	3
575	Focus on stereotactic radiotherapy: A new way to treat severe ventricular arrhythmias?. <b>2021</b> , 114, 140-149	1
574	Hypofractionated Radiotherapy in African Cancer Centers. <b>2020</b> , 10, 618641	3
573	Treatment of a heart base tumor and chylothorax with endovascular stent, stereotactic body radiation therapy, and a tyrosine kinase inhibitor in a dog. <b>2021</b> , 33, 61-68	
572	Stereotactic Body Radiotherapy for Lymph Node Oligometastases: Real-World Evidence From 90 Consecutive Patients. <b>2020</b> , 10, 616494	1
571	Dosimetric and radiobiological comparison of treatment plan between CyberKnife and EDGE in stereotactic body radiotherapy for pancreatic cancer. <b>2021</b> , 11, 4065	
570	Flattening filter free stereotactic body radiation therapy for lung tumors: outcomes and predictive factors.. <b>2021</b> , 10, 571-580	



569	Recommended procedures and responsibilities for radiosurgery (SRS) and extracranial stereotactic body radiotherapy (SBRT): report of the SEOR in collaboration with the SEFM. <b>2021</b> , 23, 1281-1291		3
568	Is proton beam therapy ready for single fraction spine SBRT? - a feasibility study to use spot-scanning proton arc (SPArc) therapy to improve the robustness and dosimetric plan quality. <b>2021</b> , 60, 653-657		4
567	Lean Thinking to manage a national working group on physics aspects of Stereotactic Body Radiation Therapy. <i>Medical Physics</i> , <b>2021</b> , 48, 2050-2056	4-4	1
566	Clinical Evidence behind Stereotactic Radiotherapy for the Treatment of Ventricular Tachycardia (STAR)-A Comprehensive Review. <b>2021</b> , 10,		5
565	Single-fraction versus hypofractionated gamma knife radiosurgery for small metastatic brain tumors. <b>2021</b> , 38, 305-320		1
564	Dosimetric Validation of a GAN-Based Pseudo-CT Generation for MRI-Only Stereotactic Brain Radiotherapy. <b>2021</b> , 13,		3
563	Stereotactic body radiation therapy (SBRT) of adrenal gland metastases in oligometastatic and oligoprogressive disease. <b>2021</b> , 26, 325-340		2
562	Safety of lung stereotactic ablative radiotherapy for the functioning of cardiac implantable electronic devices. <b>2021</b> , 156, 193-198		1
561	Dosimetric feasibility of stereotactic ablative radiotherapy in pulmonary vein isolation for atrial fibrillation using intensity-modulated proton therapy. <b>2021</b> , 22, 79-88		1
560	Application of discrete cosine transform to assess the effect of tumor motion variations on the definition of ITV in lung and liver SBRT. <b>2021</b> , 84, 132-140		1
559	Stereotactic radiotherapy for early stage non-small cell lung cancer: current standards and ongoing research. <b>2021</b> , 10, 1930-1949		2
558	Hepatic Resection Versus Stereotactic Body Radiation Therapy Plus Transhepatic Arterial Chemoembolization for Large Hepatocellular Carcinoma: A Propensity Score Analysis. <b>2021</b> , 9, 672-681		0
557	Volumetric and dosimetric impact of MRI in delineation of gross tumor volume of non-spinal vertebral metastases treated with stereotactic ablative radiation therapy. <b>2021</b> , 25, 135-140		1
556	Effectiveness and Safety of Robotic Radiosurgery for Optic Nerve Sheath Meningiomas: A Single Institution Series. <b>2021</b> , 13,		1
555	Local therapy for oligometastatic esophageal squamous cell carcinoma: a prospective, randomized, Phase II clinical trial. <b>2021</b> , 17, 1285-1293		1
554	Checkpoint inhibition in combination with an immunoblast of external beam radiotherapy in solid tumors (CHEERS): study protocol for a phase 2, open-label, randomized controlled trial. <b>2021</b> , 21, 514		1
553	In Silico Single-Fraction Stereotactic Ablative Radiation Therapy for the Treatment of Thoracic and Abdominal Oligometastatic Disease With Online Adaptive Magnetic Resonance Guidance. <b>2021</b> , 6, 100652		0
552	SBRT treatment of abdominal and pelvic oligometastatic lymph nodes using ring-mounted Halcyon Linac. <b>2021</b> , 22, 162-171		0

551	VMAT-like plans for magnetic resonance guided radiotherapy: Addressing unmet needs. <b>2021</b> , 85, 72-78	2
550	Neoadjuvant durvalumab with or without stereotactic body radiotherapy in patients with early-stage non-small-cell lung cancer: a single-centre, randomised phase 2 trial. <b>2021</b> , 22, 824-835	45
549	Monte Carlo simulation of conical collimators for stereotactic radiosurgery with a 6 MV flattening-filter-free photon beam. <i>Medical Physics</i> , <b>2021</b> , 48, 3160-3171	4-4
548	Non-invasive ablation of arrhythmias with stereotactic ablative radiotherapy. <b>2021</b> ,	3
547	Efficient optimization of R50% when planning multiple cranial metastases simultaneously in single isocenter SRS/SRT. <b>2021</b> , 22, 71-82	3
546	Investigation of Elekta AQUA software for kilovoltage to megavoltage radiation isocenter coincidence. <b>2021</b> , 44, 667-675	0
545	First Asian population study of stereotactic body radiation therapy for ventricular arrhythmias. <b>2021</b> , 11, 10360	1
544	Evaluation of the setup discrepancy between 6D ExacTrac and cone beam computed tomography in spine stereotactic body radiation therapy. <b>2021</b> , 16, e0252234	2
543	Time to administration of stereotactic radiosurgery to the cavity after surgery for brain metastases: a real-world analysis. <b>2021</b> , 1-11	3
542	Modeling of Tumor Control Probability in Stereotactic Body Radiation Therapy for Adrenal Tumors. <b>2021</b> , 110, 217-226	1
541	Verification of the delivered patient radiation dose for non-coplanar beam therapy. <b>2021</b> , 22, 110-120	
540	Image-Guided Robotic Radiosurgery for the Treatment of Same Site Spinal Metastasis Recurrences. <b>2021</b> , 11, 642314	
539	A matched-pair analysis of clinical outcomes after intracavitary cesium-131 brachytherapy versus stereotactic radiosurgery for resected brain metastases. <b>2020</b> , 134, 1447-1454	7
538	AAPM Task Group 198 Report: An implementation guide for TG 142 quality assurance of medical accelerators. <i>Medical Physics</i> , <b>2021</b> , 48, e830-e885	4-4 7
537	Stereotactic lung reirradiation for local relapse: A case series. <b>2021</b> , 28, 85-87	0
536	Lung Function After Stereotactic Body Radiation Therapy for Early-Stage Non-Small Cell Lung Cancer, Changes and Predictive Markers. <b>2021</b> , 11, 674731	0
535	Spatially fractionated stereotactic body radiation therapy (Lattice) for large tumors. <b>2021</b> , 6, 100639	5
534	Study protocol of the LARK (TROG 17.03) clinical trial: a phase II trial investigating the dosimetric impact of Liver Ablative Radiotherapy using Kilovoltage intrafraction monitoring. <b>2021</b> , 21, 494	1

533	Limited Liver or Lung Colorectal Cancer Metastases. Systemic Treatment, Surgery, Ablation or SBRT. <b>2021</b> , 10,	3
532	Timing of Adjuvant Fractionated Stereotactic Radiosurgery Affects Local Control of Resected Brain Metastases. <b>2021</b> , 11, e267-e275	5
531	High Dose per Fraction, Hypofractionated Treatment Effects in the Clinic (HyTEC): An Overview. <b>2021</b> , 110, 1-10	11
530	Lattice or Oxygen-Guided Radiotherapy: What If They Converge? Possible Future Directions in the Era of Immunotherapy. <b>2021</b> , 13,	11
529	Magnetic Resonance-Guided Stereotactic Body Radiotherapy of Liver Tumors: Initial Clinical Experience and Patient-Reported Outcomes. <b>2021</b> , 11, 610637	4
528	On the evaluation of mobile target trajectory between four-dimensional computer tomography and four-dimensional cone-beam computer tomography. <b>2021</b> , 22, 198-207	
527	Carbon Ion Dose Constraints in the Head and Neck and Skull Base: Review of MedAustron Institutional Protocols. <b>2021</b> , 8, 25-35	1
526	Outcomes with multi-disciplinary management of central lung tumors with CT-guided percutaneous high dose rate brachyablation. <b>2021</b> , 16, 99	
525	To biopsy or not to biopsy? Outcomes following stereotactic body radiotherapy (SBRT) for biopsy-confirmed versus radiologically-diagnosed primary lung cancer in a single Australian institution. <b>2021</b> ,	0
524	Editorial. <i>Medical Physics</i> , <b>2021</b> , 48, 2699-2700	4.4 0
523	LITE SABR M1: a phase I trial of Lattice SBRT for large tumors.	1
522	Assessment of IGRT variability for lung SBRT. <b>2021</b> , 52, 191-197	1
521	Estimating the tolerance of brachial plexus to hypofractionated stereotactic body radiotherapy: a modelling-based approach from clinical experience. <b>2021</b> , 16, 98	0
520	Development and Validation of Multicenter Predictive Nomograms for Locally Advanced Pancreatic Cancer After Chemoradiotherapy. <b>2021</b> , 11, 688576	0
519	Quantifications of Intensity-Modulated Radiation Therapy Plan Complexities in Magnetic Resonance Image Guided Radiotherapy Systems. <b>2021</b> , 46, 48-57	
518	Development and Longitudinal Analysis of Plan-Based Streamlined Quality Assurance on Multiple Positioning Guidance Systems With Single Phantom Setup. <b>2021</b> , 11, 683733	1
517	Direct visualization and correlation of liver stereotactic body radiation therapy treatment delivery accuracy with interfractional motion. <b>2021</b> , 22, 129-138	1
516	Stereotactic radiosurgery commissioning and QA test cases-A TG-119 approach for Stereotactic radiosurgery. <i>Medical Physics</i> , <b>2021</b> ,	4.4 0

515	Improving interinstitutional and intertechnology consistency of pulmonary SBRT by dose prescription to the mean internal target volume dose. <b>2021</b> , 197, 836-846		0
514	Investigating the impacts of intrafraction motion on dosimetric outcomes when treating small targets with virtual cones. <b>2021</b> , 22, 60-71		0
513	Stereotactic body ablative radiotherapy for reirradiation of small volume head and neck cancers is associated with prolonged survival: Large, single-institution, modern cohort study. <b>2021</b> , 43, 3331-3344		3
512	Current Evidence for Stereotactic Body Radiotherapy in Lung Metastases. <b>2021</b> , 28, 2560-2578		2
511	Mitigation on bowel loops daily variations by 1.5-T MR-guided daily-adaptive SBRT for abdomino-pelvic lymph-nodal oligometastases. <b>2021</b> , 147, 3269-3277		2
510	Clinical outcomes of stereotactic magnetic resonance image-guided adaptive radiotherapy for primary and metastatic tumors in the abdomen and pelvis. <b>2021</b> , 10, 5897-5906		3
509	Dosimetric feasibility of hypofractionation for metastatic bone/bone marrow lesions from paediatric solid tumours. <b>2021</b> , 160, 166-174		
508	Clinical verification of treatment planning dose calculation in lung SBRT with GATE Monte Carlo simulation code. <b>2021</b> , 87, 1-10		1
507	Stereotactic body radiation therapy for non-small cell lung cancer using the non-coplanar radiation of Cyberknife and Varian linac. <b>2021</b> , 29, 635-643		
506	Organ at Risk Dose Constraints in SABR: A Systematic Review of Active Clinical Trials. <b>2021</b> , 11, e355-e365		4
505	American Brachytherapy Society (ABS) consensus statement for soft-tissue sarcoma brachytherapy. <b>2021</b> , 20, 1200-1218		0
504	Clinical assessment of geometric distortion for a 0.35T MR-guided radiotherapy system. <b>2021</b> , 22, 303-309		1
503	Report of AAPM Task Group 155: Megavoltage photon beam dosimetry in small fields and non-equilibrium conditions. <i>Medical Physics</i> , <b>2021</b> , 48, e886-e921	4.4	10
502	Technical Note: A 3D-printed phantom for radiochromic film evaluation of moving lung tumor SBRT without dose convolution. <i>Medical Physics</i> , <b>2021</b> , 48, 3453-3458	4.4	1
501	Correlation between the passing rates of IMRT plans and the volumes of air cavities and bony structures in head and neck cancer. <b>2021</b> , 16, 134		0
500	Use of stereotactic body radiation therapy for treatment of a pancreatic tumor in a cat. <b>2021</b> , 259, 184-189		0
499	Pituitary adenoma treatment plan quality comparison between linear accelerator volumetric modulated arc therapy and Leksell Gamma Knife <sup>®</sup> radiosurgery. <b>2021</b> , 46, 440-448		
498	AAPM MEDICAL PHYSICS PRACTICE GUIDELINE 2.b.: Commissioning and quality assurance of X-ray-based image-guided radiotherapy systems. <b>2021</b> , 22, 73-81		2

497	Auto-delineation framework for the focal liver reaction observed in post Stereotactic Body Radiation Therapy (SBRT) Primovist MRI scans. <b>2021</b> ,		1
496	Double-vertebral segment SBRT via novel ring-mounted Halcyon Linac: Plan quality, delivery efficiency and accuracy. <b>2021</b> ,		0
495	A Prognostic Index for Predicting Survival of Patients Undergoing Radiation Therapy for Spine Metastasis Using Recursive Partitioning Analysis. <b>2021</b> ,		
494	Quantifying the impact of SpaceOAR hydrogel on inter-fractional rectal and bladder dose during 0.35 T MR-guided prostate adaptive radiotherapy. <b>2021</b> , 22, 49-58		3
493	High-dose hypofractionated stereotactic body radiotherapy for spinal chordoma. <b>2021</b> , 1-10		1
492	Re-irradiation after stereotactic body radiotherapy for spine metastases from hepatocellular carcinoma: a case report.. <b>2021</b> , 26, 1060-1065		0
491	Influence of target dose heterogeneity on dose sparing of normal tissue in peripheral lung tumor stereotactic body radiation therapy. <b>2021</b> , 16, 167		1
490	Evaluation of inter- and intra-fraction 6D motion for stereotactic body radiation therapy of spinal metastases: influence of treatment time. <b>2021</b> , 16, 168		0
489	Multi-parametric MRI (mpMRI) for treatment response assessment of radiation therapy. <i>Medical Physics</i> , <b>2021</b> ,	4-4	0
488	Neoadjuvant stereotactic ablative radiotherapy (SABR) for soft tissue sarcomas of the extremities. <b>2021</b> , 161, 222-229		0
487	Stereotactic ablative radiation therapy for spinal metastases: experience at a single Brazilian institution. <b>2021</b> , 26, 756-763		
486	A Prospective Trial Demonstrating the Benefit of Personalized Selection Of Breath-Hold Technique for Upper-Abdominal Radiation Therapy Using the Active Breathing Coordinator. <b>2021</b> , 111, 1289-1297		
485	Stereotactic body radiotherapy plus pembrolizumab and trametinib versus stereotactic body radiotherapy plus gemcitabine for locally recurrent pancreatic cancer after surgical resection: an open-label, randomised, controlled, phase 2 trial. <b>2021</b> , 22, 1093-1102		12
484	Evaluation of Pretreatment Magnetic Resonance Elastography for the Prediction of Radiation-Induced Liver Disease. <b>2021</b> , 6, 100793		
483	Palliative radiotherapy indications during the COVID-19 pandemic and in future complex logistic settings: the NORMALITY model. <b>2021</b> , 1		12
482	Efficacy and Safety of a Second Course of Stereotactic Radiation Therapy for Locally Recurrent Brain Metastases: A Systematic Review. <b>2021</b> , 13,		1
481	Stereotactic body radiation therapy with sequential S-1 for patients with locally advanced pancreatic cancer and poor performance status: An open-label, single-arm, phase 2 trial. <b>2021</b> , 162, 178-184		
480	A novel dosimetric metrics-based risk model to predict local recurrence in nasopharyngeal carcinoma patients treated with intensity-modulated radiation therapy. <b>2021</b> , 16, 186		1

479	Influence of Using a Contrast-Enhanced CT Image as the Primary Image on CyberKnife Brain Radiosurgery Treatment Plans. <b>2021</b> , 11, 705905	
478	Phase II Evaluation of Stereotactic Ablative Radiotherapy (SABR) and Immunity in C-Choline-PET/CT-Identified Oligometastatic Castration-Resistant Prostate Cancer. <b>2021</b> , 27, 6376-6383	4
477	Brachial Plexus Tolerance to Single-Session SABR in a Pig Model. <b>2021</b> ,	1
476	Fast generation of lung SBRT plans with a knowledge-based planning model on ring-mounted Halcyon Linac. <b>2021</b> , 22, 54-63	1
475	Dose calculation accuracy for photon small fields in treatment planning systems with comparison by Monte Carlo simulations. <b>2021</b> , 27, 181-190	1
474	Dosimetry audit of the CyberKnife accelerator with the SHANE phantom. <b>2021</b> , 27, 207-212	
473	Uniform versus non-uniform dose prescription for proton stereotactic body radiotherapy of liver tumors investigated by extensive motion-including treatment simulations. <b>2021</b> , 66,	0
472	Can Polymetastatic Disease Be ARRESTed Using SABR? A Dosimetric Feasibility Study to Inform Development of a Phase 1 Trial. <b>2021</b> , 6, 100734	2
471	Canine comparative oncology for translational radiation research. <b>2021</b> , 1-10	0
470	Effect of abdominal compression on target movement and extension of the external boundary of peripheral lung tumours treated with stereotactic radiotherapy based on four-dimensional computed tomography. <b>2021</b> , 16, 173	0
469	Adaptive magnetic resonance-guided neurovascular-sparing radiotherapy for preservation of erectile function in prostate cancer patients. <b>2021</b> , 20, 5-10	1
468	DMSA-SPECT: A Novel Approach to Nephron Sparing SBRT for Renal Cell Carcinoma.. <b>2021</b> , 6, 100719	0
467	Solitary pituitary metastasis from HER2-positive breast cancer treated with stereotactic radiotherapy: a case report. <b>2021</b> , 4, 100081	
466	Hypofractionated frameless gamma knife radiosurgery for large metastatic brain tumors. <b>2021</b> , 38, 31-46	2
465	Erken Evre Kafa Hücresi Dışı Kanserlerinin Tedavisinde Robotik Radyocerrahi. 43-53	
464	Implications of Radiotherapy Utilization in Korea from 2010 to 2019. <b>2021</b> , 36, e117	3
463	Simultaneous Optimization of Radiation-Imaging Coincidence for a Multi-Energy Linac. <b>2021</b> , 46, 105-110	
462	Neoadjuvant and Adjuvant Radiotherapy in Operable Pancreatic Cancer. <b>2021</b> , 713-728	

461	Outcomes of Stereotactic Body Radiotherapy for Metastatic Colorectal Cancer With Oligometastases, Oligoprogression, or Local Control of Dominant Tumors. <b>2020</b> , 10, 595781	3
460	Effectiveness of individual audio-visual coaching, respiratory modulated stereotactic body radiotherapy for localized hepatocellular carcinoma: Analysis of 29 cases from a single academic radiotherapy center. <b>2021</b> , 33, 380-387	
459	Physics of Stereotactic Radiosurgery and Stereotactic Body Radiotherapy. <b>2016</b> , 23-38	2
458	Linac-Based Stereotactic Radiosurgery and Hypofractionated Stereotactic Radiotherapy. <b>2018</b> , 639-663	2
457	Spinal Stereotactic Body Radiotherapy. <b>2018</b> , 687-707	1
456	Meningioma. <b>2018</b> , 83-93	1
455	Pituitary Adenoma. <b>2018</b> , 105-114	1
454	Understanding and Predicting Radiation-Associated Normal Tissue Injury: A Global and Historical Perspective. <b>2014</b> , 103-121	1
453	Planning benchmark study for SBRT of early stage NSCLC : Results of the DEGRO Working Group Stereotactic Radiotherapy. <b>2017</b> , 193, 780-790	36
452	Randomized prospective trial of fractionated stereotactic radiosurgery with chemotherapy versus chemotherapy alone for bevacizumab-resistant high-grade glioma. <b>2020</b> , 148, 353-361	7
451	Dose Gradient Index for Stereotactic Radiosurgery/Radiation Therapy. <b>2020</b> , 106, 604-611	8
450	A modified formula for dose calculations of stereotactic ablative body radiotherapy for non-small cell lung cancer. <b>2018</b> , 43, 207-213	1
449	Reirradiation using stereotactic body radiotherapy in the management of recurrent or second primary head and neck cancer: A meta-analysis and systematic review. <b>2020</b> , 107, 104757	5
448	Stereotactic Ablative Radiotherapy Uncertainties: Delineation, Setup and Motion. <b>2018</b> , 28, 207-217	24
447	Robust treatment planning with 4D intensity modulated carbon ion therapy for multiple targets in stage IV non-small cell lung cancer. <b>2020</b> , 65, 215012	8
446	Evaluation of an x-ray CT polymer gel dosimetry system in the measurement of deformed dose. <b>2020</b> , 6, 035031	3
445	Infill selection for 3D printed radiotherapy immobilisation devices.. <b>2020</b> , 6,	2
444	The Prognostic Role of Pretreatment Neutrophil to Lymphocyte Ratio (NLR) in Malignant Adrenal Lesions Treated With Stereotactic Body Radiation Therapy (SBRT). <b>2019</b> , 42, 945-950	3

443	Increased Radiosurgery Toxicity Associated With Treatment of Vestibular Schwannoma in Multiple Sclerosis. <b>2021</b> , 42, e489-e494	0
442	Stereotactic arrhythmia radioablation for refractory scar-related ventricular tachycardia.	1
441	Personalized designs of adjuvant radiotherapy for pancreatic cancer based on molecular profiles. <b>2021</b> , 112, 287-295	6
440	Single-dose radiotherapy disables tumor cell homologous recombination via ischemia/reperfusion injury. <b>2019</b> , 129, 786-801	33
439	Failure patterns and outcomes of dose escalation of stereotactic body radiotherapy for locally advanced pancreatic cancer: a multicenter cohort study. <b>2020</b> , 12, 1758835920977155	6
438	Metastasis-directed therapy in castration-refractory prostate cancer (MEDCARE): a non-randomized phase 2 trial. <b>2020</b> , 20, 457	3
437	Efficacy and safety of CyberKnife radiosurgery in elderly patients with brain metastases: a retrospective clinical evaluation. <b>2020</b> , 15, 225	3
436	Current status of stereotactic body radiotherapy for the treatment of hepatocellular carcinoma. <b>2019</b> , 36, 192-200	2
435	Accuracy of image guidance using free-breathing cone-beam computed tomography for stereotactic lung radiotherapy. <b>2015</b> , 10, e0126152	10
434	Inter-Fraction Tumor Volume Response during Lung Stereotactic Body Radiation Therapy Correlated to Patient Variables. <b>2016</b> , 11, e0153245	6
433	Characterization of 3D printing techniques: Toward patient specific quality assurance spine-shaped phantom for stereotactic body radiation therapy. <b>2017</b> , 12, e0176227	25
432	Evaluations of the setup discrepancy between BrainLAB 6D ExacTrac and cone-beam computed tomography used with the imaging guidance system Novalis-Tx for intracranial stereotactic radiosurgery. <b>2017</b> , 12, e0177798	15
431	Preliminary dosimetric study on feasibility of multi-beam boron neutron capture therapy in patients with diffuse intrinsic pontine glioma without craniotomy. <b>2017</b> , 12, e0180461	4
430	Review of stereotactic radiosurgery for intramedullary spinal lesions. <b>2013</b> , 10, 1-6	13
429	Pretreatment quality assurance of volumetric modulated arc therapy on patient CT scan using indirect 3D dosimetry system. <b>2014</b> , 2, 020416	3
428	Volumetric modulated arc therapy for spine SBRT patients to reduce treatment time and intrafractional motion. <b>2015</b> , 3, 03026	2
427	Cardiovascular Toxicities of Radiation Therapy. <b>2019</b> , 15, 274-281	10
426	Apatinib alone or combined with radiotherapy in metastatic prostate cancer: Results from a pilot, multicenter study. <b>2017</b> , 8, 110774-110784	6



425	Is internal target volume accurate for dose evaluation in lung cancer stereotactic body radiotherapy?. <b>2016</b> , 7, 22523-30	5
424	Dosimetric comparison of deep inspiration breath hold and free breathing technique in stereotactic body radiotherapy for localized lung tumor using Flattening Filter Free beam. <b>2018</b> , 24, 15-24	1
423	Long-term outcome in orbital meningiomas: progression-free survival after targeted resection combined with early or postponed postoperative radiotherapy. <b>2019</b> , 1-11	5
422	Metastasis-directed therapy for oligometastatic urological tumours: still no second-hand news. <b>2020</b> , 14, 1036	1
421	Stereotactic Cardiac Radiation to Control Ventricular Tachycardia and Fibrillation Storm in a Patient with Apical Hypertrophic Cardiomyopathy at Burnout Stage: Case Report. <b>2020</b> , 35, e200	8
420	Case Report: First in Human Online Adaptive MR Guided SBRT of Peritoneal Carcinomatosis Nodules: A New Therapeutic Approach for the Oligo-Metastatic Patient. <b>2020</b> , 10, 601739	3
419	Dosimetric comparison of volumetric modulated arc therapy with robotic stereotactic radiation therapy in hepatocellular carcinoma. <b>2015</b> , 33, 233-41	18
418	Predictive factors of symptomatic radiation pneumonitis in primary and metastatic lung tumors treated with stereotactic ablative body radiotherapy. <b>2017</b> , 35, 163-171	14
417	Improving radiotherapy planning, delivery accuracy, and normal tissue sparing using cutting edge technologies. <b>2014</b> , 6, 303-18	33
416	A phantom study on the behavior of Acuros XB algorithm in flattening filter free photon beams. <b>2015</b> , 40, 144-9	5
415	Evaluation of pencil beam convolution and anisotropic analytical algorithms in stereotactic lung irradiation. <b>2011</b> , 36, 234-8	10
414	Volumetric-modulated Arc Therapy Lung Stereotactic Body Radiation Therapy Dosimetric Quality Assurance: A Comparison between Radiochromic Film and Chamber Array. <b>2017</b> , 42, 133-139	3
413	Evaluation and Performance of ArcCheck and Film using Gamma Criteria in Pre-treatment Quality Assurance of Stereotactic Ablative Radiotherapy. <b>2017</b> , 42, 251-257	10
412	A Unified Dose Response Relationship to Predict High Dose Fractionation Response in the Lung Cancer Stereotactic Body Radiation Therapy. <b>2017</b> , 42, 222-233	6
411	A Dose Falloff Gradient Study in RapidArc Planning of Lung Stereotactic Body Radiation Therapy. <b>2018</b> , 43, 147-154	4
410	Long-term Survival in Patients Treated with a Robotic Radiosurgical Device for Liver Metastases. <b>2019</b> , 51, 187-193	2
409	Off-Isocenter Winston-Lutz Test for Stereotactic Radiosurgery/Stereotactic Body Radiotherapy. <b>2016</b> , 05, 154-161	14
408	Partial and Full Arc Volumetric Modulated Arc Therapy in Lung Cancer Stereotactic Body Radiotherapy with Different Definitions of Internal Target Volume Based on 4D CT. <b>2018</b> , 07, 491-502	1

407	Treatment of metastatic liver tumors using stereotactic ablative radiotherapy. <b>2014</b> , 6, 18-25	11
406	GOECP/SEOR clinical recommendations for lung cancer radiotherapy during the COVID-19 pandemic. <b>2020</b> , 11, 510-527	7
405	Planning and Dosimetric Study of Volumetric Modulated Arc Based Hypofractionated Stereotactic Radiotherapy for Acoustic Schwannoma--6MV Flattening Filter Free Photon Beam. <b>2015</b> , 16, 5019-24	4
404	Robotic Radiosurgery for Adrenal Gland Metastases. <b>2017</b> , 9, e1120	13
403	Evaluation of CyberKnife's Fiducial Tracking Limitations to Assist Targeting Accuracy: A Phantom Study with Fiducial Displacement. <b>2018</b> , 10, e3523	2
402	Stereotactic Radiosurgery for Glioblastoma. <b>2015</b> , 7, e413	17
401	Characterization of a Novel 3 Megavolt Linear Accelerator for Dedicated Intracranial Stereotactic Radiosurgery. <b>2019</b> , 11, e4275	10
400	Automated Stereotactic Gamma Ray Radiosurgery to the Pituitary Gland in Terminally Ill Cancer Patients with Opioid Refractory Pain. <b>2019</b> , 11, e4811	5
399	Real-time Magnetic Resonance-guided Liver Stereotactic Body Radiation Therapy: An Institutional Report Using a Magnetic Resonance-Linac System. <b>2019</b> , 11, e5774	15
398	Dosimetric Feasibility of Utilizing the ViewRay Magnetic Resonance Guided Linac System for Image-guided Spine Stereotactic Body Radiation Therapy. <b>2019</b> , 11, e6364	4
397	A Treatment Planning Study of Stereotactic Body Radiotherapy for Atrial Fibrillation. <b>2016</b> , 8, e678	9
396	Stereotactic Radiosurgery for Vertebral Metastases. <b>2021</b> , 267-279	
395	Dosimetric evaluation of analytic anisotropic algorithm and Acuros XB algorithm using in-house developed heterogeneous thorax phantom and homogeneous slab phantom for stereotactic body radiation therapy technique. <b>2021</b> , 44, 110	
394	Implementing stereotactic accelerated partial breast irradiation using magnetic resonance guided radiation therapy. <b>2021</b> , 164, 275-281	2
393	SEOR SBRT-SG stereotactic body radiation therapy consensus guidelines for non-spine bone metastasis. <b>2021</b> , 1	1
392	Influence of Clinical and Tumor Factors on Interfraction Setup Errors With Rotation Correction for Vacuum Cushion in Lung Stereotactic Body Radiation Therapy. <b>2021</b> , 11, 734709	
391	Stereotactic Arrhythmia Radioablation as a Novel Treatment Approach for Cardiac Arrhythmias: Facts and Limitations. <b>2021</b> , 9,	
390	The new SRS/FSRT technique HyperArc for benign brain lesions: a dosimetric analysis. <b>2021</b> , 11, 21029	

- 389 Indications of IMRT, PRT and CIRT for HCC from comparisons of dosimetry and normal tissue complication possibility. **2021**, 1 0
- 388 Linac reported steering error insensitive to 6 MV FFF transverse beam position deviations. **2021**, 1
- 387 [Stereotactic body radiation therapy for spine bone oligometastatic disease]. **2021**, 25, 830-836 0
- 386 Dosimetric evaluation of different planning techniques based on flattening filter-free beams for central and peripheral lung stereotactic body radiotherapy. **2021**, 7, 0
- 385 SBRT of ventricular tachycardia using 4pi optimized trajectories. **2021**, 22, 72-86 1
- 384 Practical Considerations for Single Isocenter LINAC Radiosurgery of Multiple Brain Metastases. **2021**, 0
- 383 Stereotactic Radiosurgery for Atrioventricular Node Ablation in Swine: A Study on Efficacy and Dosimetric Evaluation of Organs at Risk. **2021**, 13, e18785
- 382 High-Dose Rate Interstitial Spine Brachytherapy Using an Intraoperative Mobile Computed Tomography-Guided Surgical Navigation System. **2021**, 21, 507-515 1
- 381 Stereotactic Body Radiation Therapy (SBRT) for prostate cancer: Preliminary results of toxicity. **2021**, 93, 370-372
- 380 A novel CRT-IMRT-combined (Co-CRIM) planning technique for peripheral lung stereotactic body radiotherapy in pinnacle treatment planning system. **2021**, 22, 97-107 1
- 379 Thoracic re-irradiation with 3D-conformal or more advanced techniques: A systematic review of treatment safety by the Re-irradiation Study Group of the Italian Association of Radiation and Oncology AIRO. **2021**, 167, 103500 0
- 378 STUDY ON MONITORING UNIT EFFICIENCY OF FLATTENING-FILTER FREE PHOTON BEAM IN ASSOCIATION WITH TUMOR SIZE AND LOCATION. **2013**, 38, 194-201 1
- 377 Basics of Radiation Therapy. **2014**, 393-422.e3 1
- 376 Survey of Stereotactic Body Radiation Oncology for Early Staged Non-Small Cell Lung Cancer in China. **2014**, 03, 56-59
- 375 Building Surrogate-Driven Motion Models from Cone-Beam CT via Surrogate-Correlated Optical Flow. **2014**, 61-67 1
- 374 Frames for extracranial treatment. **2014**, 196-207
- 373 Stereotactic Body Radiotherapy for Stage I NSCLC. **2015**, 33-48
- 372 Physics of Stereotactic Body Radiotherapy Commissioning, Quality Assurance, and Treatment Planning. **2015**, 45-65

371 Stereotactic Body Radiation Therapy to Liver. **2015**, 149-181

370 Stereotactic Body Radiation Therapy Systems. **2015**, 27-43

1

369 Dose Prescription and Calculation. **2015**, 103-115

368 Techniques. **2015**, 45-57

367 A Comparison between Three-Dimensional Conformal Radiotherapy, Intensity-Modulated Radiotherapy, and Volumetric-Modulated Arc Therapy Techniques for Stereotactic Body Radiotherapy of Lung Tumors. **2015**, 04, 104-112

366 Stereotactic Body Radiation Therapy. **2015**, 177-208

365 Dosimetric comparison of three-dimensional conformal radiotherapy, intensity modulated radiotherapy, and helical tomotherapy for lung stereotactic body radiotherapy. **2015**, 40, 190-7

3

364 How Low Should You Go: Choice of Minimum Dose Prescription in Cranial Radiosurgery. **2015**, 7, e282

0

363 Genitourinary Sites. **2016**, 165-181

362 Lung. **2016**, 109-144

361 Radiation-Induced Toxicities and Management Strategies in Thoracic Malignancies. **2016**, 483-505

360 SBRT and the Treatment of Oligometastatic Disease. **2017**, 21-39

359 Guidelines for the Delineation of Primary Tumor Target Volume in Prostate Cancer. **2017**, 251-262

358 Lobectomy: no port at all?. **2017**, 5, S9

1

357 Therapeutical Principles in the Treatment of Skull Base Pathologies. **2018**, 27-70

356 Stereotactic hypofractionated radiotherapy for clinical stage I-IIA lung cancer. Predictors for efficacy and toxicity. **2018**, 7, 16

355 Nasopharynx. **2018**, 143-154

354 Pancreas Cancer. **2018**, 285-295

353 The Physics of Hypofractionation and SRS/SBRT. **2018**, 33-59

352 Multiple Brain Metastases. **2018**, 449-469

351 Radiation Optic Neuropathy. **2018**, 549-570

350 Cranial Nerve Palsies, Vascular Damage, and Brainstem Injury. **2018**, 605-615

349 Special Considerations in Positioning for Neurosurgical Tumors: Spinal. **2018**, 175-190

348 Radiochirurgie bei Schädelbasistumoren. **2018**, 41-78

347 Hepatobiliary Malignancies. **2018**, 265-284

346 Hypofractionation for Lung Tumors (Primary Malignant, Secondary Malignant). **2018**, 207-234

345 Skin (Melanoma and Nonmelanoma Skin Cancers). **2018**, 189-203

344 Planning Stereotactic and Adaptive Radiotherapy. **2018**, 221-240

343 Vertebral Body Metastasis. **2018**, 177-188

342 Trigeminal Neuralgia. **2018**, 75-81

341 Vestibular Schwannoma. **2018**, 95-104

340 STEREOTACTIC RADIOTHERAPY FOR THE TREATMENT OF CLINICAL STAGE I-IIA LUNG CANCER PATIENTS. THE EXPERIENCE OF N.N. BLOKHIN NATIONAL MEDICAL RESEARCH CENTER OF ONCOLOGY. **2018**, 23, 71-78

1

339 Advances in Patient Setup and Target Localization. **2018**, 179-202

338 SBRT for High-Risk Prostate Cancer. **2019**, 153-169

337 Stereotactic Body Radiation Therapy (SBRT) for Primary Lung Cancer. **2019**, 237-246

336 Stereotactic Radiosurgery for Brain Metastases. **2019**, 105-111

- 335 Genitourinary System Cancers. **2019**, 269-307
- 334 Stereotactic Body Radiation Therapy (SBRT) for Lung Metastases. **2019**, 247-264
- 333 Physics of Radiosurgery. **2019**, 43-54
- 332 Central Nervous System Cancers. **2019**, 83-131 0
- 331 Stereotactic Radiosurgery for Meningioma. **2019**, 123-129
- 330 Dosimetric Advantages of Volumetric Modulated Arc Therapy Based Coronal Arc Delivery Technique in Brain Stereotactic Radiosurgery: A Feasibility Study. **2019**, 08, 80-94
- 329 Impact of body-mass factors on setup displacement during pelvic irradiation in patients with lower abdominal cancer. **2019**, 53, 256-264 3
- 328 Predicting Toxicity in External Radiotherapy. **2019**, 337-363
- 327 The effect of SSD, Field size, Energy and Detector type for Relative Output Factor measurement in small photon beams as compared with Monte Carlo simulation. **2019**, 25, 101-110
- 326 Radiobiological Evaluation of Dosimetric Plans for Stereotactic Radiotherapy for Prostate Cancer According to Fractionation Regimen. **2019**, 100, 263-269 0
- 325 Implementaci3n y validaci3n de un protocolo de IGRT basado en imagen de kV de fluoroscopia y CBCT para el tratamiento de SBRT pulmonar. **2019**, 23-32
- 324 The First Linac-based Stereotactic Body Radiation Therapy (SBRT) in Iran: A Case Study. **2019**, 6,
- 323 Target Delineation for Radiosurgery (Including Postoperative Cavity Radiosurgery) in Brain Metastases. **2020**, 143-164
- 322 Optic Nerve Sheath Meningiomas. **2020**, 277-282
- 321 Brainstem Tumors. **2020**, 399-410
- 320 SBRT (Stereotactic Body Radiation Therapy) for locally advanced pancreas cancer (LAPC). Institutional experience. **2020**,
- 319 Oligometastasis liver in carcinoma breast treated with stereotactic body radiotherapy. **2020**, 9, 195
- 318 Effects of Multileaf Collimator Design and Function When Using an Optimized Dynamic Conformal Arc Approach for Stereotactic Radiosurgery Treatment of Multiple Brain Metastases With a Single Isocenter: A Planning Study. **2020**, 12, e9833 3

317	Failure mode and effect analysis for linear accelerator-based paraspinal stereotactic body radiotherapy. <b>2021</b> , 22, 87-96	1
316	Toward defining plasma treatment dose: The role of plasma treatment energy of pulsed-dielectric barrier discharge in dictating in vitro biological responses. e2100151	0
315	Metastasis-directed Therapy in Prostate Cancer: Prognostic Significance of the ESTRO/EORTC Classification in Oligometastatic Bone Disease. <b>2021</b> ,	3
314	Re-Irradiation With Stereotactic Body Radiotherapy for In-Field Recurrence of Pancreatic Cancer After Prior Stereotactic Body Radiotherapy: Analysis of 24 Consecutive Cases. <b>2021</b> , 11, 729490	1
313	Toxicity Management for Other Sites in Radiation Oncology. <b>2020</b> , 267-322	
312	Re-irradiation of Spinal Metastases. <b>2020</b> , 451-464	
311	Risk of target coverage loss for stereotactic body radiotherapy treatment of synchronous lung lesions via single-isocenter volumetric modulated arc therapy. <b>2021</b> , 22, 251-260	2
310	Stereotactic hypofractive radiotherapy in the treatment of patients with lung cancer. <b>2020</b> , 150-156	
309	Stereotactic Body Radiation Therapy: A Versatile, Well-Tolerated, and Effective Treatment Option for Extracranial Metastases From Primary Ovarian and Uterine Cancer. <b>2020</b> , 10, 572564	2
308	Constrained optimization towards marker-based tumor tracking in VMAT.. <b>2020</b> , 7,	
307	Use of a healthy volunteer imaging program to optimize clinical implementation of stereotactic MR-guided adaptive radiotherapy. <b>2020</b> , 16, 70-76	0
306	Deep Learning Methods for Image Guidance in Radiation Therapy. <b>2020</b> , 3-22	1
305	Validation of the eighth edition of the AJCC staging system for patients with pancreatic adenocarcinoma initially receiving chemoradiotherapy and proposal of modifications. <b>2020</b> , 17, 492-500	1
304	Biologically effective dose (BED) escalation of stereotactic body radiotherapy (SBRT) for hepatocellular carcinoma patients (≥ 5 cm) with CyberKnife: protocol of study. <b>2020</b> , 15, 20	
303	Investigation of EBT3 Radiochromic Film Response in a High-Dose Range of 6 MV Photon and 6 MeV Electron Beams Using a Three-Color Flatbed Scanner. <b>2020</b> ,	
302	Contemporary Radiation for Spinal Metastasis and Spinal Cord Compression. <b>2020</b> , 643-658	
301	General Techniques for Radiosurgery. <b>2020</b> , 231-247	
300	SBRT in single or multiple spinal metastases: 36 Gy in 3 fractions given to GTV. <b>2020</b> ,	

299	Toxicity Management for Head and Neck Tumors in Radiation Oncology-I. <b>2020</b> , 59-83	
298	Reirradiation of Skull Base Tumors. <b>2020</b> , 355-369	
297	Combined Transarterial Chemoembolization and External Beam Radiotherapy in a Patient with Recurrent Huge Hepatocellular Carcinoma after Hepatic Resection. <b>2020</b> , 20, 90-97	
296	Spatially fractionated stereotactic body radiotherapy (Lattice SBRT) for large tumors.	1
295	Implementation of a Novel Remote Physician SBRT Coverage Process during the Coronavirus Pandemic.	2
294	External Beam Radiation Therapy for Primary Liver Cancers: An ASTRO Clinical Practice Guideline. <b>2021</b> ,	11
293	Analysis of R50% location dependence on LINAC-based VMAT cranial stereotactic treatments. <b>2021</b>	1
292	Erken Evre Meme Kanserli Hastalarda Hızlı ve Etkili Meme İlaçlarında VMAT-CyberKnife Sanal Tedavi Planları İçin İncelenmesi.	0
291	Derivative-based gamma index: a novel methodology for stringent patient-specific quality assurance in the stereotactic treatment planning of liver cancer.. <b>2020</b> , 6,	
290	Stereotactic Radiotherapy for Pancreatic Cancer: A Single-Institution Experience. <b>2020</b> , 12, e10618	1
289	Dose-Volume Predictors of Radiation Pneumonitis After Lung Stereotactic Body Radiation Therapy (SBRT): Implications for Practice and Trial Design. <b>2020</b> , 12, e10808	0
288	Radiotherapy for Extramedullary Tumors. <b>2021</b> , 145-164	
287	Prostate Stereotactic Body Radiation Therapy With Halcyon 2.0: Treatment Plans Comparison Based on RTOG 0938 Protocol. <b>2020</b> , 12, e11660	1
286	Simulation of an HDR "Boost" with Stereotactic Proton versus Photon Therapy in Prostate Cancer: A Dosimetric Feasibility Study. <b>2021</b> , 7, 11-23	
285	SBRT in operable early stage lung cancer patients. <b>2014</b> , 3, 212-24	5
284	Triaging early-stage lung cancer patients into non-surgical pathways: who, when, and what?. <b>2015</b> , 4, 438-47	3
283	Image-guided stereotactic radiotherapy in 4 dogs with intracranial neoplasia. <b>2016</b> , 57, 519-22	2
282	Pubectomy and stereotactic radiotherapy for the treatment of a non-resectable sacral osteosarcoma causing pelvic canal obstruction in a dog. <b>2016</b> , 57, 945-9	1



281	Analysis of intrafraction motion in CyberKnife-based stereotaxy using mask based immobilization and 6D-skull tracking. <b>2016</b> , 4, 203-212	4
280	Head to head comparison of two commercial phantoms used for SRS QA. <b>2016</b> , 4, 213-223	3
279	Fast intra-fractional image-guidance with 6D positioning correction reduces delivery uncertainty for stereotactic radiosurgery and radiotherapy. <b>2016</b> , 4, 15-20	9
278	Dosimetric evaluation of abdominal compression as a method to reduce the incidence of radiation-induced pneumonitis in lung SBRT treatment. <b>2016</b> , 4, 125-132	
277	Stereotactic body radiotherapy for primary and metastatic liver tumors - the Mayo Clinic experience. <b>2016</b> , 4, 133-144	3
276	Dosimetric quantification of dose fall-off in liver SBRT planning using dual photon energy IMRT. <b>2016</b> , 4, 145-151	
275	Quality and safety in stereotactic radiosurgery and stereotactic body radiation therapy: can more be done?. <b>2011</b> , 1, 13-19	3
274	Prescription to 50-75% isodose line may be optimum for linear accelerator based radiosurgery of cranial lesions. <b>2014</b> , 3, 139-147	9
273	Evaluating dosimetric differences in spine stereotactic body radiotherapy: An international multi-institutional treatment planning study. <b>2015</b> , 3, 307-314	
272	An in-house protocol for improved flood field calibration of TrueBeam FFF cine imaging. <b>2017</b> , 18, 265-268	
271	Institutional experience on the treatment of lung and liver lesions with stereotactic body radiotherapy and Novalis Exactrac Adaptive Gating technique. <b>2011</b> , 1, 231-236	3
270	Pre-operative versus post-operative radiosurgery for brain metastasis: Effects on treatment volume and inter-observer variability. <b>2018</b> , 5, 89-97	3
269	A Practical Method to Optimize Quality Assurance Results of Arc Therapy Plans in Beam Modeling. <b>2018</b> , 43, 106-111	4
268	An alternative approach to GTV margin determination in stereotactic body radiotherapy. <b>2019</b> , 6, 45-54	
267	Evaluation of dose distribution differences from five algorithms implemented in three commercial treatment planning systems for lung SBRT. <b>2020</b> , 7, 57-66	1
266	Application of TG-218 action limits to SRS and SBRT pre-treatment patient specific QA. <b>2020</b> , 7, 135-147	2
265	Dosimetric Evaluation of Simplified Knowledge-Based Plan with an Extensive Stepping Validation Approach in Volumetric-Modulated Arc Therapy-Stereotactic Body Radiotherapy for Lung Cancer. <b>2021</b> , 46, 7-15	1
264	A patient-specific QA comparison between 2D and 3D diode arrays for single-lesion SRS and SBRT treatments. <b>2021</b> , 7, 295-307	

263	Stereotactic Re-irradiation in Recurrent Prostate Cancer after Previous Postoperative or Definitive Radiotherapy: Long-term Results after a Median Follow-up of 4 Years. <b>2021</b> ,	2
262	Lobar Gross Endobronchial Disease Predicts for Overall Survival and Grade 5 Pulmonary Toxicity in Medically Inoperable Early Stage Non-Small Cell Lung Cancer Patients Treated With Stereotactic Body Radiation Therapy.. <b>2021</b> , 11, 728519	0
261	Cardiac stereotactic ablative radiotherapy for control of refractory ventricular tachycardia: initial UK multicentre experience. <b>2021</b> , 8,	2
260	Reply to Letter to the Editor regarding 'Stereotactic radiotherapy for reirradiation of head and neck cancer: Dosimetric details matter'. <b>2021</b> , 44, 289	
259	An Evaluation of Total Internal Motions of Locally Advanced Pancreatic Cancer during SABR Using Calypso Extracranial Tracking, and Its Possible Clinical Impact on Motion Management.. <b>2021</b> , 28, 4597-4610	1
258	Practical Guidelines on Implementing Hypofractionated Radiotherapy for Prostate Cancer in Africa.. <b>2021</b> , 11, 725103	1
257	Clinical Assessment of a Novel Ring Gantry Linear Accelerator-Mounted Helical Fan-Beam kVCT System.. <b>2022</b> , 7, 100862	0
256	Lung Cancer. <b>2022</b> , 251-275	0
255	The Role of Stereotactic Radiosurgery in the Management of Foramen Magnum Meningiomas-A Multicenter Analysis and Review of the Literature.. <b>2022</b> , 14,	1
254	LITE SABR M1: Planning design and dosimetric endpoints for a phase I trial of lattice SBRT.. <b>2021</b> ,	0
253	Positron Emission Tomography-Derived Metrics Predict the Probability of Local Relapse After Oligometastasis-Directed Ablative Radiation Therapy.. <b>2022</b> , 7, 100864	
252	Dermatofibrosarcoma protuberans of the upper eyelid treated with surface mould high-dose-rate brachytherapy.. <b>2022</b> , 27, 182-187	0
251	Dosimetric Risk Factors for Acute Radiation Pneumonitis in Patients With Prior Receipt of Immune Checkpoint Inhibitors.. <b>2021</b> , 12, 828858	0
250	Local ablative radiotherapy on oligo-progression while continued on epidermal growth factor receptor tyrosine kinase inhibitors in advanced non-small cell lung cancer patients: A longer cohort.. <b>2022</b> ,	0
249	Determining Planning Priorities for Stereotactic Ablative Radiotherapy (SABR) for Oligometastatic Disease: A Secondary Analysis of the [TRIAL NAME REDACTED FOR REVIEW] Randomized Trial.. <b>2022</b> ,	0
248	Phantom assessment of three-dimensional geometric distortion of a dedicated wide-bore MR-simulator for radiotherapy. <b>2021</b> ,	
247	A dosimetric comparative analysis of Brainlab elements and Eclipse RapidArc for spine SBRT treatment planning.. <b>2022</b> ,	
246	Vulnerabilities of radiomic features to respiratory motion on four-dimensional computed tomography-based average intensity projection images: A phantom study.. <b>2022</b> , e13498	2

245	Hypofractionated proton therapy in breast cancer: where are we? A critical review of the literature.. <b>2022</b> , 192, 249	1
244	Using deep learning models to analyze the cerebral edema complication caused by radiotherapy in patients with intracranial tumor.. <b>2022</b> , 12, 1555	0
243	Personalized Automation of Treatment Planning for Linac-Based Stereotactic Body Radiotherapy of Spine Cancer.. <b>2022</b> , 12, 824532	0
242	Feasibility of using ring-mounted Halcyon Linac for single-isocenter/two-lesion lung stereotactic body radiation therapy.. <b>2022</b> , e13555	0
241	Clinical Outcomes of Dose-Escalated Hypofractionated External Beam Radiation Therapy (5 Gy $\times$ 5 Fractions) for Spine Metastasis.. <b>2022</b> , 7, 100906	0
240	External irradiation treatment process.. <b>2021</b> , 26, 20-20	1
239	Radiation therapy of pancreatic cancers.. <b>2021</b> , 26, 259-259	
238	Reducing MRI-guided radiotherapy planning and delivery times via efficient leaf sequencing and segment shape optimization algorithms.. <b>2022</b> ,	0
237	Ramifications of Setup Margin Use During Frameless Stereotactic Radiosurgery/Therapy With Gamma Knife Icon Cone-Beam Computed Tomography (CBCT): A Dosimetric Study.. <b>2022</b> , 14, e21996	
236	Radiotherapy of bone metastases.. <b>2021</b> , 26, 368-368	
235	Respiratory motion management for external radiotherapy treatment.. <b>2021</b> , 26, 50-50	0
234	Dosimetry impact of gating latency in cine magnetic resonance image guided breath-hold pancreatic cancer radiotherapy.. <b>2022</b> ,	0
233	Selection Strategy of Jaw Tracking in VMAT Planning for Lung SBRT.. <b>2022</b> , 12, 820632	
232	The markerless lung target tracking AAPM Grand Challenge (MATCH) results.. <i>Medical Physics</i> , <b>2021</b> , ,	4.4 1
231	Non-invasive Stereotactic Body Radiation Therapy for Refractory Ventricular Arrhythmias: Venturing into the Unknown.. <b>2022</b> , 13, 4894-4899	1
230	Basic analysis of optimal images for the development of 4D radiotherapy system. <b>2022</b> , 34, 11-18	
229	LITE SABR M1: a Phase I Trial of Lattice Stereotactic Body Radiotherapy for Large Tumors. <b>2021</b> ,	2
228	Assessment of a novel commercial large field of view phantom for comprehensive MR imaging quality assurance of a 0.35T MRgRT system.. <b>2022</b> , e13535	1

- 227 Clinical Evaluation of the Inverse Planning System Utilized in Gamma Knife Lightning.. **2022**, 12, 832656 0
- 226 Model Calibration of Pharmacokinetic-Pharmacodynamic Lung Tumour Dynamics for Anticancer Therapies.. **2022**, 11, 2
- 225 The Impact of Optic Nerve Movement on Intracranial Radiation Treatment.. **2022**, 12, 803329
- 224 A Comparative Study of Patients With Early-Stage Non-Small Cell Lung Cancer Treated With Stereotactic Body Radiation Therapy Using CyberKnife and Linear Accelerator-Based Volumetric Modulated Arc Therapy.. **2022**,
- 223 Improving on whole-brain radiotherapy in patients with large brain metastases: A planning study to support the AROMA clinical trial.. **2022**,
- 222 Special stereotactic radiotherapy techniques: procedures and equipment for treatment simulation and dose delivery.. **2022**, 27, 1-9 1
- 221 A measure of SRS/SRT plan quality: Quantitative limits for intermediate dose spill (R50%) in linac-based delivery.. **2022**, e13570 1
- 220 HyperArc VMAT stereotactic radiotherapy for locally recurrent previously-irradiated head and neck cancers: Plan quality, treatment delivery accuracy, and efficiency.. **2022**, e13561
- 219 The effect of ion chamber volume on intensity-modulated radiotherapy small field dosimetry. **2022**, 15, 95-99
- 218 Quality and Safety Considerations in Stereotactic Radiosurgery and Stereotactic Body Radiation Therapy: An ASTRO Safety White Paper Update.. **2022**, 0
- 217 Stereotactic radiotherapy for liver oligometastases.. **2022**, 27, 32-39
- 216 Stereotactic radiotherapy for lung oligometastases.. **2022**, 27, 23-31
- 215 Paroxysmal Atrial Fibrillation in Elderly: Worldwide Preliminary Data of LINAC-Based Stereotactic Arrhythmia Radioablation Prospective Phase II Trial.. **2022**, 9, 832446 2
- 214 Stereotactic body radiotherapy plus pembrolizumab and trametinib versus stereotactic body radiotherapy plus gemcitabine for locally recurrent pancreatic cancer after surgical resection: an open-label, randomised, controlled, phase 2 trial.. **2022**, 23, e105-e115 5
- 213 Positions of radiation isocenter and the couch rotation center established by Winston-Lutz and optical measurements.. **2022**, 21, 46-50 0
- 212 Plan quality in radiotherapy treatment planning - Review of the factors and challenges.. **2022**, 66, 267-278 1
- 211 Plan Quality Assessment of Fractionated Stereotactic Radiotherapy Treatment Plans in Patients With Brain Metastases.. **2022**, 12, 846609 0
- 210 Stereotaktische Radiotherapie von primären Lebertumoren und Lebermetastasen. **2022**, 28, 318-325

209	Monitoring Respiratory Motion during VMAT Treatment Delivery Using Ultra-Wideband Radar.. <b>2022</b> , 22,	0
208	Stereotactic radiotherapy for oligometastases in the lymph nodes.. <b>2022</b> , 27, 46-51	
207	Implementing and evaluating a high-resolution diode array for patient-specific quality assurance of robotic brain stereotactic radiosurgery/radiotherapy.. <b>2022</b> , e13569	1
206	Single-fraction celiac plexus radiosurgery - a preliminary proof-of-concept Phase II clinical trial.. <b>2022</b> ,	0
205	Role of Radiosurgery and Stereotactic Ablative Radiotherapy for Oligometastatic Non-Oncogene Addicted NSCLC.. <b>2022</b> , 14,	
204	Stereotactic radiotherapy for spinal hemangioblastoma - disease control and volume analysis in long-term follow up.. <b>2022</b> , 27, 134-141	
203	Adaptive carbon ion radiotherapy for locally advanced non-small cell lung cancer: Organ-sparing potential and target coverage.. <i>Medical Physics</i> , <b>2022</b> ,	4-4
202	Doses, fractionations, constraints for stereotactic radiotherapy.. <b>2022</b> , 27, 10-14	
201	PSMA-guided metastases directed therapy for bone castration sensitive oligometastatic prostate cancer: a multi-institutional study.. <b>2022</b> , 39, 443	1
200	Dosimetric parameters related to occurrence of distant metastases and regional nodal relapse after SBRT for early-stage non-small cell lung cancer.. <b>2022</b> , 169, 90-95	0
199	Experimental investigation of dynamic real-time rotation-including dose reconstruction during prostate tracking radiotherapy.. <i>Medical Physics</i> , <b>2022</b> ,	4-4 0
198	Stereotactic body radiotherapy for spinal oligometastases: a review on patient selection and the optimal methodology.. <b>2022</b> , 1	0
197	Clinical and technical challenges of cancer reirradiation: Words of wisdom.. <b>2022</b> , 103655	1
196	Hypofractionation in Hepatocellular Carcinoma - The Effect of Fractionation Size.. <b>2022</b> ,	1
195	UK 2022 Consensus on Normal Tissue Dose-Volume Constraints for Oligometastatic, Primary Lung and Hepatocellular Carcinoma Stereotactic Ablative Radiotherapy.. <b>2022</b> ,	2
194	Analytical setup margin for spinal stereotactic body radiotherapy based on measured errors. <b>2021</b> , 16, 234	0
193	Impact of High-Dose Irradiation on Human iPSC-Derived Cardiomyocytes Using Multi-Electrode Arrays: Implications for the Antiarrhythmic Effects of Cardiac Radioablation.. <b>2021</b> , 23,	3
192	Impact of prescription isodose level and collimator selection on dose homogeneity and plan quality in robotic radiosurgery. <b>2021</b> , 1	0

- 191 Repetitive Painting (REPEAT) Irradiation in Stereotactic Radiotherapy Using Helical Tomotherapy.. **2022**, 36, 330-335
- 190 Comparison of dosimetric impact of intra-fractional setup discrepancy between multiple- and single-isocenter approaches in linac-based stereotactic radiotherapy of multiple brain metastases.. **2021**, 1
- 189 A retrospective study to establish recommendations for plan quality metrics in Lung SBRT.. **2021**,
- 188 Oncology: Radiation Oncologist's View. **2022**, 185-210
- 187 Single-fraction 34Gy lung SBRT using proton transmission beams: FLASH-dose calculations and the influence of different dose-rate methods and dose/dose-rate thresholds. **2022**, 100954 0
- 186 Does stereotactic body radiation improve outcomes compared to conventional radiation for liver cancer patients?. **2022**, 35, 17-20
- 185 The current status and shortcomings of stereotactic radiosurgery.
- 184 Outcomes and Toxicities of Modern Combined Modality Therapy with Atezolizumab Plus Bevacizumab and Radiation Therapy for Hepatocellular Carcinoma.. **2022**, 14, 1
- 183 Impact of stereotactic body radiotherapy (SBRT) in oligoprogressive metastatic disease.. **2022**, 1-9
- 182 Tracking target/chest relationship changes during motion-synchronized tomotherapy treatments.. *Medical Physics*, **2022**, 4.4 0
- 181 The effect of local non-thermal plasma therapy on the cancer-immunity cycle in a melanoma mouse model. 2
- 180 Reducing ExacTrac intrafraction imaging uncertainty for prostate stereotactic body radiotherapy using a pre-treatment CBCT.. **2022**,
- 179 Image\_1.pdf. **2020**,
- 178 Video\_1.MP4. **2020**,
- 177 Data\_Sheet\_1.DOCX. **2020**,
- 176 Data\_Sheet\_1.PDF. **2018**,
- 175 Organ-at-risk dose prediction using a machine learning algorithm: Clinical validation and treatment planning benefit for lung SBRT.. **2022**, e13609
- 174 Effects of Stereotactic Body Radiation Therapy Plus PD-1 Inhibitors for Patients With Transarterial Chemoembolization Refractory.. **2022**, 12, 839605 0

173	GOECP/SEOR radiotherapy guidelines for non-small-cell lung cancer.. <b>2022</b> , 13, 237-266	0
172	Long Term Follow-Up of Stereotactic Body Radiation Therapy for Refractory Ventricular Tachycardia in Advanced Heart Failure Patients.. <b>2022</b> , 9, 849113	1
171	Dosimetric comparison of Synchrony <sup>®</sup> real-time motion tracking treatment plans between CyberKnife robotic radiosurgery and Radixact system for stereotactic body radiation therapy of lung and prostate cancer. 1-8	
170	Local Control after Locally Ablative, Image-Guided Radiotherapy of Oligometastases Identified by Gallium-68-PSMA-Positron Emission Tomography in Castration-Sensitive Prostate Cancer Patients (OLI-P).. <b>2022</b> , 14,	1
169	Short-Term Outcomes and Clinical Efficacy of Stereotactic Body Radiation Therapy (SBRT) for Oligometastases of Prostate Cancer in China.. <b>2022</b> , 12, 879310	
168	Precision of image-guided spinal stereotactic ablative radiotherapy and impact of positioning variables. <b>2022</b> , 22, 73-76	
167	Using 4D dose accumulation to calculate organ-at-risk dose deviations from motion-synchronized liver and lung tomotherapy treatments.. <b>2022</b> , e13627	
166	Intrafraction target shift comparison using two breath-hold systems in lung stereotactic body radiotherapy.. <b>2022</b> , 22, 57-62	0
165	Esophageal Damage from Thoracic Spine SBRT.. <b>2022</b> ,	0
164	A detailed process map for clinical workflow of a new biology-guided radiotherapy (BgRT) machine.. <b>2022</b> , e13606	0
163	Oligometastasis in breast cancer-current status and treatment options from a radiation oncology perspective.. <b>2022</b> ,	0
162	Oligorecurrent nodal prostate cancer: radiotherapy quality assurance of the randomized PEACE V-STORM phase II trial.. <b>2022</b> ,	1
161	Stereotactic body radiation therapy for hepatocellular carcinoma: from infancy to ongoing maturity.. <b>2022</b> , 100498	1
160	Matched linac stereotactic radiotherapy: An assessment of delivery similarity and distributive patient-specific quality assurance feasibility.. <b>2022</b> , e13652	0
159	IMRT and SBRT Treatment Planning Study for the First Clinical Biology-Guided Radiotherapy System.. <b>2022</b> , 21, 15330338221100231	0
158	Stereotactic Ablative Radiotherapy Using CALYPSO <sup>®</sup> Extracranial Tracking for Intrafractional Tumor Motion Management: A New Potential Local Treatment for Unresectable Locally Advanced Pancreatic Cancer? Results from a Retrospective Study. <b>2022</b> , 14, 2688	
157	Geometric distortion assessment in 3T MR images used for treatment planning in cranial Stereotactic Radiosurgery and Radiotherapy. <b>2022</b> , 17, e0268925	0
156	Stratification of Oligometastatic Prostate Cancer Patients by Liquid Biopsy: Clinical Insights from a Pilot Study. <b>2022</b> , 10, 1321	1

155 Spine Radiotherapy. **2022**, 697-704

154 Voxel-Level BED Corrected Dosimetric and Radiobiological Assessment of 2 Kinds of Hybrid Radiotherapy Planning Methods for Stage III NSCLC. **2022**, 21, 153303382211079

153 Treatment Planning for Cardiac Radioablation: Multicenter Multiplatform Benchmarking for the XXX Trial. **2022**,

○

152 Predictors of Pneumonitis in Combined Thoracic Stereotactic Body Radiotherapy and Immunotherapy. **2022**,

○

151 Feasibility Study of Stereotactic Radiosurgery Treatment of Glomus Jugulare Tumors via HyperArc VMAT. **2022**,

150 Behandlung von Oligometastasen durch stereotaktisch-ablative Strahlentherapie oder Resektion beim metastasierten hormonsensitiven Prostatakarzinom.

149 Salvage 125I brachytherapy for liver metastases of colorectal cancer in anatomically challenging locations after failure of systemic chemotherapy: A retrospective study. **2022**,

○

148 Spine Stereotactic Body Radiotherapy to Three or More Contiguous Vertebral Levels. 12,

○

147 Radionecrosis after repeated courses of radiotherapy under stereotactic conditions for brain metastases: Analysis of clinical and dosimetric data from a retrospective cohort of 184 patients. **2022**,

○

146 Study protocol and preliminary results from a mono-centric cohort within a trial testing stereotactic body radiotherapy and abiraterone (ARTO-NCT03449719).

2

145 Variation in Elekta iView electronic portal imager pixel scale factor with gantry angle, and impact on multi-leaf collimator quality assurance. **2022**, 23,

144 Successful ventricular tachycardia radioablation in a patient with previous chemical pleurodesis: A case report. 9,

143 Treatment plan comparison of volumetric-modulated arc therapy to intensity-modulated radiotherapy in lung stereotactic body radiotherapy using either 6- or 10-MV photon energies.

142 The Influence of the Technical Parameters of the SRS Plans on the Dosimetric and Radiobiologic Evaluation. **2022**, 94, 33-41

141 Patient and Treatment Factors Associated with Improved Local Control and Survival in Oligometastatic Bone Disease: Results from a Large Single-Institution Experience Using Stereotactic Body Radiation Therapy. **2022**,

140 Development of a high-resolution two-dimensional detector-based dose verification system for tumor-tracking irradiation in the CyberKnife system.

139 Stereotactic Body Radiotherapy for Locally Advanced Pancreatic Cancer Using Optical Surface Management System [AlignRT as an Optical Body Surface Motion Management in Deep Breath Hold Patients: Results from a Single-Arm Retrospective Study. Volume 14, 2161-2172

138 Efficacy of stereotactic body radiation therapy for locoregional recurrent pancreatic cancer after radical resection. 12,



- 137 Interobserver variability of Gross Tumour Volume delineation for colorectal liver metastases using CT and MRI. **2022**, 101020
- 136 Intrafractional accuracy and efficiency of a surface imaging system for deep inspiration breath hold during ablative gastrointestinal cancer treatment.
- 135 HyperArc™ Dosimetric Validation for Multiple Targets Using Ionization Chamber and RT-100 Polymer Gel. **2022**, 8, 481 ○
- 134 Prognosis and Risk Factors of Recurrence in HBV-Related Small Hepatocellular Carcinoma After Stereotactic Body Radiation Therapy. 12,
- 133 Single and multi-fraction spine stereotactic body radiation therapy and the risk of radiation induced myelopathy. **2022**, 101047
- 132 Stereotactic radiosurgery and radiotherapy for resected brain metastases: current pattern of care in the Radiosurgery and Stereotactic Radiotherapy Working Group of the German Association for Radiation Oncology (DEGRO). ○
- 131 Abdominopelvic MR to CT registration using a synthetic CT intermediate.
- 130 A new method for assessing lung tumor motion in radiotherapy using dynamic chest radiography.
- 129 Stereotactic Body Radiation Therapy for the Management of Hepatocellular Carcinoma: Efficacy and Safety. **2022**, 14, 3892
- 128 Treatment Time Optimization in Single Fraction Stereotactic Ablative Radiation Therapy: A 10-Year Institutional Experience. **2022**, 100829 ○
- 127 Uniform expansion vs. non-uniform expansion of gross tumor volume based on recurrence patterns to form planning target volume of stereotactic body radiation therapy for locally advanced pancreatic cancer: protocol of a randomized phase II study.
- 126 Low-dose radiotherapy to the lungs using an interventional radiology C-arm fluoroscope: Monte Carlo treatment planning and dose measurements in a postmortem subject.
- 125 Comparative study of SRS end-to-end QA processes of a diode array device and an anthropomorphic phantom loaded with GafChromic XD film.
- 124 Multi-Institutional Stereotactic Body Radiation Therapy Incident Learning: Evaluation of Safety Barriers Using a Human Factors Analysis and Classification System. Publish Ahead of Print,
- 123 ExacTrac Dynamic workflow evaluation: Combined surface optical/thermal imaging and X-ray positioning. ○
- 122 A study of quantitative indicators for slice sorting in cine-mode 4DCT. **2022**, 17, e0272639
- 121 Impact of radiotherapy schedule on survival of patients treated with immune-checkpoint inhibitors for advanced melanoma and non-small cell lung cancer. **2022**, ○
- 120 A case report of long-term successful stereotactic arrhythmia radioablation in a cardiac contractility modulation device carrier with giant left atrium, including a detailed dosimetric analysis. 9, ○

- 119 Stereotactic body radiation therapy for spine and non-spine bone metastases. GETUG (french society of urological radiation oncologists) recommendations using a national two-round modified Delphi survey. **2022**, 37, 33-40
- 118 Refractory ventricular tachycardia treated by a second session of stereotactic arrhythmia radioablation. **2022**, 37, 89-93
- 117 Safety and Efficacy Study of Neoadjuvant Radiohormonal Therapy for Oligometastatic Prostate Cancer: Protocol of an Open-Label, Dose-Escalation, Single-Centre Phase I/II Clinical Trial. **2022**, 29, 107327482211204
- 116 Stereotactic Ablative Radiotherapy for Early-Stage Lung Cancer. **2022**,
- 115 Role of Consolidative Stereotactic Body Radiation Therapy in Oligoresistant/Oligoprogressive Pulmonary Parenchymal Metastases. Volume 14, 2597-2607
- 114 On-line adaptive and real-time intrafraction motion management of spine-SBRT on an MR-linac. 10,
- 113 Biologically effective doses of 60/70Gy versus >70Gy of stereotactic body radiotherapy (SBRT) combined with chemotherapy in locally advanced pancreatic cancer: protocol of a single-centre, phase II clinical trial. **2022**, 12, e049382
- 112 Immunotherapy-Induced Rectovaginal Fistula After Prior Reirradiation for Recurrent Cervical Cancer in a Pelvic Lymph Node. **2022**,
- 111 Stereotactic Radioablation for Ventricular Tachycardia in the Setting of Electrical Storm. **2022**, 15,
- 110 Assessment of semi-automated stereotactic treatment planning for online adaptive radiotherapy in ethos. **2022**,
- 109 Stereotactic body radiation therapy for refractory premature ventricular contractions that originate from the left ventricular summit: A case report.
- 108 End-to-end test of respiratory gating radiation therapy for lung stereotactic body radiation therapy treatments.
- 107 Single-fraction PSMA-PET - and multiparametric MRI -guided SBRT for Prostate Cancer Local Recurrences.
- 106 Dosimetric comparison of robotic- and LINAC-based treatment of spine stereotactic body radiotherapy. **2022**,
- 105 Dose/Volume Constraints for Organs at Risk in Radiotherapy (CORSAIR): An All-in-One Multicenter Multidisciplinary Practical Summary. **2022**, 29, 7021-7050
- 104 Stereotactic body radiotherapy (SBRT) versus androgen deprivation therapy (ADT) for oligometastatic prostate cancer: protocol for a prospective randomised control clinical trial. **2022**, 12, e051371
- 103 Dosimetric comparison of volumetric modulated arc therapy with TrueBeam LINAC and hypofractionated radiosurgery with gamma knife ICON for large (>10 cm) skull base meningiomas. **2022**, 1-11
- 102 System requirements to improve adaptive 4-dimensional computed tomography (4D CT) imaging.

101	Harmonization of dose prescription for lung stereotactic radiotherapy. <b>2022</b> , 24, 65-70	○
100	Dosimetric robustness of lung tumor photon radiotherapy evaluated from multiple event CT imaging. <b>2022</b> , 103, 1-10	○
99	Hypofractionated stereotactic irradiation for optic nerve glioma. <b>2022</b> , 86, 74	○
98	Radiation Therapy for Oligometastatic Sarcomas. <b>2022</b> , 77-110	○
97	Cranial Spinal Spreading of Canine Brain Gliomas after Hypofractionated Volumetric-Modulated Arc Radiotherapy and Concomitant Temozolomide Chemotherapy: A Four-Case Report. <b>2022</b> , 9, 541	○
96	COMPARISON OF STEREOTACTIC BODY RADIO THERAPY VIRTUAL PLANS OBTAINED WITH DIFFERENT COLIMATORS IN CYBERKNIFE SYSTEM IN PARTIAL BREAST IRRADIATION: RETROSPECTIVE STUDY.	○
95	Accelerated Partial Breast Irradiation. Publish Ahead of Print,	○
94	A combined hypofractionated volumetric modulated arc radiotherapy, radio-sensitising and adjuvant metronomic chemotherapy treatment for canine stage IV nasal tumours with intracranial extension. <b>2022</b> , 100737	○
93	Stereotactic Body Radiotherapy Boost with the CyberKnife for Locally Advanced Cervical Cancer: Dosimetric Analysis and Potential Clinical Benefits. <b>2022</b> , 14, 5166	○
92	Outcomes of High-Dose Stereotactic Ablative Radiotherapy to All/Multiple Sites for Oligometastatic Renal Cell Cancer Patients. <b>2022</b> , 29, 7832-7841	○
91	Results from the AAPM Task Group 324 respiratory motion management in radiation oncology survey.	○
90	Stereotactic Body Radiotherapy vs Conventional Radiotherapy in Pain Relief for Bone Metastases: A Systematic Review and Meta-Analysis. <b>2022</b> ,	○
89	The Use of Cardiac Stereotactic Radiation Therapy (SBRT) to Manage Ventricular Tachycardia: A Case Report, Review of the Literature and Technical Notes. <b>2022</b> , 12, 1783	○
88	Recommendations for radiation therapy in oligometastatic prostate cancer: An ESTRO-ACROP Delphi consensus. <b>2022</b> , 176, 199-207	1
87	Case report: Stereotactic body radiation therapy with 12 Gy for silencing refractory ventricular tachycardia. 9,	○
86	Dosimetric impact of mechanical movements of the Linac gantry during treatments with small fields. 12,	○
85	Stereotactic body radiation therapy as an effective local treatment for advanced hepatocellular carcinoma patients with inferior vena cava and right atrial tumor thrombus. <b>2022</b> , 22,	○
84	Volume staging for arteriovenous malformation SRS treatment using VMAT.	○

- 83 Electrocardiographic imaging in the atria. ○
- 82 Range margin reduction in carbon ion therapy: potential benefits of using radioactive ion beams. ○
- 81 MR-guided radiotherapy for liver tumors: Hepatocarcinomas, cholangiocarcinomas, and liver metastases. **2022**, 295-314 ○
- 80 Effect of stereotactic body radiotherapy dose escalation plus pembrolizumab and trametinib versus stereotactic body radiotherapy dose escalation plus gemcitabine for locally recurrent pancreatic cancer after surgical resection on survival outcomes: A secondary analysis of an open-label, randomised, controlled, phase 2 trial. **2023**, 55, 101764 ○
- 79 Robotic Stereotactic Body Radiation Therapy for the Adjuvant Treatment of Early-Stage Breast Cancer: Outcomes of a Large Single-Institution Study. **2023**, 8, 101095 ○
- 78 Stereotactic Procedures. **2022**, 13-20 ○
- 77 Machine QA, Commissioning, and Calibration. **2022**, 69-74 ○
- 76 Dosimetric and biological comparisons of single planning and double plannings for bilateral lung cancer SBRT planning based on the Cyber-Knife system. 12, ○
- 75 Feasibility, safety, and efficacy of circumferential spine stereotactic body radiotherapy. 12, ○
- 74 Radiochirurgie und stereotaktische Strahlentherapie. **2023**, 1-9 ○
- 73 New technologies and machines for stereotactic radiation therapy. ○
- 72 End-to-end testing for stereotactic radiotherapy including the development of a Multi-Modality phantom. **2022**, ○
- 71 "Approach to Treatment for Breast Cancer Metastasis To the Orbit: Case Report ". **2022**, 2, 52-58 ○
- 70 Potential benefits of using radioactive ion beams for range margin reduction in carbon ion therapy. **2022**, 12, ○
- 69 Stereotactic body radiation therapy as an effective treatment for pancreatic cancer patients with local advanced stage. ○
- 68 Evaluation of OrthoChromic OC-1 films for photon radiotherapy application. ○
- 67 Quality and Safety Considerations in Intensity Modulated Radiation Therapy: An ASTRO Safety White Paper Update. **2022**, ○
- 66 Planning issues on linac-based stereotactic radiotherapy. 10, 12822-12836 ○

- 65 Protocol of the integrated boost to the dominant intraprostatic nodule in stereotactic body radiation therapy for localized prostate cancer. ○
- 64 Treatment Planning of Bulky Tumors Using Pencil Beam Scanning Proton GRID Therapy. **2023**, ○
- 63 Comparison of dosimetric effects of MLC positional errors on VMAT and IMRT plans for SBRT radiotherapy in non-small cell lung cancer. **2022**, 17, e0278422 ○
- 62 Could conventionally fractionated radiation therapy coupled with stereotactic body radiation therapy improve local control in bone oligometastases?. **2023**, ○
- 61 A framework for exactrac dynamic commissioning for stereotactic radiosurgery and stereotactic ablative radiotherapy. **2022**, 47, 398 ○
- 60 Dosimetric evaluation of iodine-125 brachytherapy for brain tumors using MR guidance combined with a three-dimensional non co-planar template. **2023**, ○
- 59 Proton minibeam radiation therapy for treating metastases: A treatment plan study. ○
- 58 Dosimetric quality of HyperArc in boost radiotherapy for single glioblastoma: comparison with CyberKnife and manual VMAT. **2023**, 18, ○
- 57 Lenvatinib with or without Stereotactic Body Radiotherapy for Hepatocellular Carcinoma with Portal Vein Tumor Thrombosis: a retrospective study. ○
- 56 Risk of Myelopathy Following Second Local Treatment after Initial Irradiation of Spine Metastasis. **2023**, 13, 175 ○
- 55 Acute toxicities and cumulative dose to the brain of repeated sessions of stereotactic radiotherapy (SRT) for brain metastases: a retrospective study of 184 patients. **2023**, 18, ○
- 54 High-risk patients with locally advanced non-small cell lung cancer treated with stereotactic body radiation therapy to the peripheral primary combined with conventionally fractionated volumetric arc therapy to the mediastinal lymph nodes. 12, ○
- 53 Neoadjuvant radiohormonal therapy for oligo-metastatic prostate cancer: safety and efficacy outcomes from an open-label, dose-escalation, single-center, phase I/II clinical trial. ○
- 52 Impact of MRI resolution for Linac-based stereotactic radiosurgery. 13, ○
- 51 Evaluation of flattening-filter-free and flattening filter dosimetric and radiobiological criteria for lung SBRT: A volume-based analysis. 13, ○
- 50 Dose evaluations of organs at risk and predictions of gastrointestinal toxicity after re-irradiation with stereotactic body radiation therapy for pancreatic cancer by deformable image registration. 12, ○
- 49 Use of dose-area product to assess plan quality in robotic radiosurgery. **2023**, ○
- 48 Two-institution results of Stereotactic Body Radiation Therapy (SBRT) for treating adrenal gland metastases from liver cancer. **2023**, 23, ○

- 47 A novel Monte Carlo (MC) dose model for small MLC fields of the cyberknife  $\square$  M6 TM radiosurgery system using the EGSnrc. ○
- 46 Can the use of knowledge-based planning systems improve stereotactic radiotherapy planning? A systematic review. **2023**, 22, ○
- 45 Dosimetric benefits of adaptive radiation therapy for patients with stage III non-small cell lung cancer. **2023**, 18, ○
- 44 Comparison of stereotactic body radiotherapy with and without lenvatinib for advanced hepatocellular carcinoma: a propensity score analysis. ○
- 43 Radiation-induced inferior brachial plexopathy after stereotactic body radiotherapy: Pooled analyses of risks. **2023**, 182, 109583 ○
- 42 An ESTRO-ACROP guideline on quality assurance and medical physics commissioning of online MRI guided radiotherapy systems based on a consensus expert opinion. **2023**, 181, 109504 ○
- 41 Treatment plan optimisation for reirradiation. **2023**, 182, 109545 ○
- 40 Evaluating Mobius3D Dose Calculation Accuracy for Small-Field Flattening- Filter-Free Photon Beams. **2022**, 21, 153303382211415 ○
- 39 Cross-irradiation in multiple isocenter frameless treatment for limited number of multiple brain metastases with volumetric modulated arc therapy. **2023**, 16, 100529 ○
- 38 A dose planning study for cardiac and lung dose sparing techniques in left breast cancer radiotherapy: Can free breathing helical tomotherapy be considered as an alternative for deep inspiration breath hold?. **2023**, 25, 100201 ○
- 37 Randomised phase II trial of stereotactic body radiotherapy in combination with checkpoint inhibitors in metastatic castration-resistant prostate cancer (CheckPRO): a study protocol. **2023**, 13, e063500 ○
- 36 Frameless Hypofractionated Gamma Knife Radiosurgery for Residual or Recurrent Craniopharyngioma. **2023**, Publish Ahead of Print, ○
- 35 Implementation of triggered kilovoltage imaging for stereotactic radiotherapy of the spine for patients with spinal fixation hardware. **2023**, 25, 100422 ○
- 34 Hypofractionation and SABR: 25 years of evolution in medical physics and a glimpse of the future. ○
- 33 LUNAR : a randomized Phase 2 study of 177 Lutetium-PSMA Neoadjuvant to Ablative Radiotherapy for Oligorecurrent Prostate Cancer (clinical trial protocol). ○
- 32 Dosimetric Study of the Effect of Calypso-Compatible Couch Top for Spine Stereotactic Body Radiation Therapy. **2023**, 12, 17-27 ○
- 31 Dose prescription and reporting in stereotactic body radiotherapy: A multi-institutional study. **2023**, 182, 109571 ○
- 30 Comparison of MR-guided radiotherapy accumulated doses for central lung tumors with non-adaptive and online adaptive proton therapy. ○

- 29 An anthropomorphic 3D printed inhomogeneity thorax phantom slab for SBRT commissioning and quality assurance. ○
- 28 Visual analysis of image-guided radiation therapy based on bibliometrics: A review. **2023**, 102, e32989 ○
- 27 Patient and therapeutic radiographer experiences of comfort during the radiotherapy pathway: A qualitative study. **2023**, 29, S24-S31 ○
- 26 Dosimetric assessment of the mono and dual-isocentric VMAT technique based on flattening filter-free beams for SBRT with non-contiguous spinal targets. **2023**, ○
- 25 Ventricular tachycardia ablation through radiation therapy (VT-ART) consortium: Concept description of an observational multicentric trial via matched pair analysis. 10, ○
- 24 Neoadjuvant Arterial Embolization of Spine Metastases Associated With Improved Local Control in Patients Receiving Surgical Decompression and Stereotactic Body Radiotherapy. **2023**, Publish Ahead of Print, ○
- 23 Postoperative Radiation Therapy of Intracranial Tumors. **2023**, 25-38 ○
- 22 Hypofractionated stereotactic radiotherapy for large vestibular schwannomas and the impact of pre-radiation debulking surgery on dosimetry and clinical outcomes. **2023**, 22, ○
- 21 A comprehensive review of 30 years of pediatric clinical trial radiotherapy dose constraints. **2023**, 70, ○
- 20 What if: A retrospective reconstruction of resection cavity stereotactic radiosurgery to mimic neoadjuvant stereotactic radiosurgery. 13, ○
- 19 A strategy to reduce fraction number in peripheral lung stereotactic ablative body radiotherapy. **2023**, 26, 100429 ○
- 18 Stereotactic body radiotherapy in pancreatic adenocarcinoma. **2023**, ○
- 17 Towards fast adaptive replanning by constrained reoptimization for intra-fractional non-periodic motion during robotic SBRT. ○
- 16 A novel dose fall-off index and preliminary application in brain and lung stereotactic radiotherapy. ○
- 15 The Role of Stereotactic Body Radiation Therapy in the Management of Liver Metastases. **2023**, 33, 181-192 ○
- 14 Stereotactic Body Radiation Therapy for Spinal Metastases: Benefits and Limitations. **2023**, 33, 159-171 ○
- 13 Precision Radiation for Brain Metastases With a Focus on Hypofractionated Stereotactic Radiosurgery. **2023**, 33, 114-128 ○
- 12 Radiotherapy for Lung Metastases: Conventional to Stereotactic Body Radiation Therapy. **2023**, 33, 172-180 ○

- 11 Phase II Trial of LINAC-Based STereotactic Arrhythmia Radioablation (STAR) for Paroxysmal Atrial Fibrillation in Elderly: Planning and Dosimetric Point of View. **2023**, 13, 596 ○
- 10 A survey of compliance with stereotactic ablative body radiotherapy quality recommendations. ○
- 9 Accuracy of deformable image registration-based intra-fraction motion management in Magnetic Resonance-guided radiotherapy. **2023**, 26, 100437 ○
- 8 Correction factors for commissioning and patient specific quality assurance of stereotactic fields in a Monte Carlo based treatment planning system. ○
- 7 The spatial accuracy of ring-mounted halcyon linac versus C-arm TrueBeam linac for single-isocenter/multi-target SBRT treatment. **2023**, ○
- 6 First UK patient cohort treated with stereotactic ablative radiotherapy for primary kidney cancer. ○
- 5 Stereotactic body radiation therapy (SBRT) for spinal metastases: 12 years of a single center experience. ○
- 4 Endobronchial Implanted Real-Time Electromagnetic Transponder (EMT) Beacon Guided, Respiratory-Gated, Stereotactic Ablative Body Radiotherapy (SABR) for Moving Lung Tumours: A prospective phase I/II cohort study.. **2023**, 101243 ○
- 3 Magnetic resonance-guided stereotactic body radiation therapy (MRgSBRT) for oligometastatic patients: a single-center experience. ○
- 2 Dosimetric Effects of Dynamic Jaw Tracking and Collimator Angle Optimization in Non-Coplanar Cranial Arc Radiotherapy. **2023**, ○
- 1 Iterative image reconstruction with polar coordinate discretized system matrix for optical CT radiochromic gel dosimetry. ○