Validity and reliability of craniofacial anthropometric measurement of 3D digital photogrammetric images

#	Paper	IF	Citations
254	Asymmetrical bilateral cleft lip: complete or incomplete and contralateral lesser defect (minor-form, microform, or mini-microform). *Plastic and Reconstructive Surgery*, **2008**, 122, 1494-1504	2.7	29
253	Repair of bilateral cleft lip and its variants. **2009**, 42, S79-S90		18
252	A photographic system for the three-dimensional study of facial morphology. *Angle Orthodontist*, **2009**, 79, 1070-7	2.6	38
251	Facial morphology of Slovenian and Welsh white populations using 3-dimensional imaging. *Angle Orthodontist*, **2009**, 79, 640-5	2.6	35
250	Repair of bilateral cleft lip and its variants. **2009**, 42 Suppl, S79-90		30
249	Face shape of unaffected parents with cleft affected offspring: combining three-dimensional surface imaging and geometric morphometrics. **2009**, 12, 271-81		76
248	Discussion. Nasoalveolar molding improves long-term nasal symmetry in complete unilateral cleft lip-cleft palate patients. *Plastic and Reconstructive Surgery*, **2009**, 123, 1007-1009	2.7	5
247	Picture perfect? Reliability of craniofacial anthropometry using three-dimensional digital stereophotogrammetry. *Plastic and Reconstructive Surgery*, **2009**, 124, 1261-1272	2.7	62
246	Rhinoplasty for cleft and hemangioma-related nasal deformities. **2010**, 18, 526-35		7
245	Novel method of 3-dimensional soft-tissue analysis for Class III patients. **2010**, 138, 758-69		13
244	Distances between facial landmarks can be measured accurately with a new digital 3-dimensional video system. **2010**, 137, 580.e1-580.e10; discussion 580-1		10
243	Digital dental cast placement in 3-dimensional, full-face reconstruction: a technical evaluation. **2010**, 138, 84-8		56
242	Accuracy and reproducibility of a 3-dimensional stereophotogrammetric imaging system. **2010**, 68, 2129-35		128
241	3D digital stereophotogrammetry: a practical guide to facial image acquisition. **2010**, 6, 18		122
240	Facial morphology of Finnish children with and without developmental hip dysplasia using 3D facial templates. **2010**, 13, 229-37		12
239	Quantitative measurement of symmetry from photographs following surgery for unilateral cleft lip and palate. *Cleft Palate-Craniofacial Journal*, **2010**, 47, 363-7	1.9	31
238	3-D analysis of facial asymmetry in children with hip dysplasia. *Angle Orthodontist*, **2010**, 80, 519-24	2.6	16

219	Methods to quantify soft-tissue based facial growth and treatment outcomes in children: a systematic review. *PLoS ONE*, **2012**, 7, e41898	3.7	34
218	Large-scale objective phenotyping of 3D facial morphology. **2012**, 33, 817-25		66
217	A prospective randomized trial on preventative methods for positional head deformity: physiotherapy versus a positioning pillow. **2013**, 162, 1216-21, 1221.e1		16
216	Orthodontic soft-tissue parameters: a comparison of cone-beam computed tomography and the 3dMD imaging system. **2013**, 144, 672-81		28
215	A new method for automatic tracking of facial landmarks in 3D motion captured images (4D). **2013**, 42, 9-18		32
214	A 3D anthropometric analysis of the orolabial region in Chinese young adults. **2013**, 51, 908-12		18
213	The effect of computed tomographic scanner parameters and 3-dimensional volume rendering techniques on the accuracy of linear, angular, and volumetric measurements of the mandible. **2013**, 115, 682-91		63
212	Anthropometric body measurements based on multi-view stereo image reconstruction. **2013**, 2013, 366-9		5
211	Normative findings for periocular anthropometric measurements among Chinese young adults in Hong Kong. **2013**, 2013, 821428		15
210	Cranial vault growth in multiple-suture nonsyndromic and syndromic craniosynostosis: a postoperative long-term anthropometric follow-up. **2013**, 24, 753-7		5
209	Comparative study of cranial anthropometric measurement by traditional calipers to computed tomography and three-dimensional photogrammetry. **2013**, 24, 1106-10		23
208	Trisomy 21 and facial developmental instability. **2013**, 151, 49-57		22
207	Improved detection of landmarks on 3D human face data. **2013**, 2013, 6482-5		14
206	Three-dimensional digital stereophotogrammetry: a reliable and valid technique for measuring scar surface area. *Plastic and Reconstructive Surgery*, **2013**, 132, 204-211	2.7	25
205	Early frontofacial symmetry after correction of unilateral coronal synostosis: frontoorbital advancement vs endoscopic strip craniectomy and helmet therapy. **2013**, 24, 1190-4		41
204	Automatic Craniofacial Anthropometry Landmarks Detection and Measurements for the Orbital Region. **2014**, 42, 372-377		1
203	Application of digital anthropometry for craniofacial assessment. **2014**, 7, 101-7		8
202	Laser light scan analysis of the "anticonvulsant face". **2014**, 100, 905-11		3

201	Three-dimensional evaluation of the relationship between jaw divergence and facial soft tissue dimensions. *Angle Orthodontist*, **2014**, 84, 788-94	2.6	18
200	[3D-imaging and analysis for plastic surgery by smartphone and tablet: an alternative to professional systems?]. **2014**, 46, 97-104		22
199	Stereophotogrammetry-based facial depth measurements: a novel method for quantifying facial projection. **2014**, 21, 59-64		4
198	Reliability of nasolabial anthropometric measures using three-dimensional stereophotogrammetry in infants with unrepaired unilateral cleft lip. *Plastic and Reconstructive Surgery*, **2014**, 133, 530e-542e	2.7	31
197	Nasal Morphology of the Chinese: Three-Dimensional Reference Values for Rhinoplasty. **2014**, 150, 956-61		15
196	Soft tissue response and facial symmetry after orthognathic surgery. **2014**, 42, e339-45		34
195	Stereophotogrammetric evaluation of tooth-induced labial protrusion. **2014**, 23, 347-52		8
194	Metric precision via soft-tissue landmarks in three-dimensional structured-light scans of human faces. **2014**, 75, 133-43		7
193	Unilateral cleft lip repair. **2014**, 41, 165-77		19
192	Percentile-based assessment of craniosynostosis. **2014**, 42, 634-40		10
191	Learning Race from Face: A Survey. **2014**, 36, 2483-509		98
190	Validity of the 3D VECTRA photogrammetric surface imaging system for cranio-maxillofacial anthropometric measurements. **2014**, 18, 297-304		59
189	Agreement between cranial and facial classification through clinical observation and anthropometric measurement among Envigado school children. **2014**, 14, 50		5
188	Three-dimensional laser scanner evaluation of facial soft tissue changes after LeFort I advancement and rhinoplasty surgery: patients with cleft lip and palate vs patients with nonclefted maxillary retrognathic dysplasia (control group). **2014**, 117, 416-23		9
187	Quantitative facial asymmetry: using three-dimensional photogrammetry to measure baseline facial surface symmetry. **2014**, 25, 124-8		44
186	Nonsynostotic cranial deformity: a six-month matched-pair photogrammetric comparison of treated and untreated infants. *Cleft Palate-Craniofacial Journal*, **2014**, 51, 632-8	1.9	8
185	3D stereophotogrammetry facial analysis of Angle I subjects: gender comparison. *Universidade Estadual Paulista Revista De Odontologia*, **2015**, 44, 137-142	1.3	2
184	Verification of relationships between anthropometric variables among ureteral stents recipients and ureteric lengths: a challenge for Vitruvian-da Vinci theory. **2015**, 7, 117-24		2

183	Analysis of Facial Asymmetry. *Archives of Craniofacial Surgery*, **2015**, 16, 1-10	1.3	22
182	Accuracy and precision of integumental linear dimensions in a three-dimensional facial imaging system. **2015**, 45, 105-12		18
181	3D Scanning, Imaging, and Printing in Orthodontics. **2015**,		25
180	Precision of three-dimensional stereo-photogrammetry (3dMD) in anthropometry of the auricle and its application in microtia reconstruction. *Journal of Plastic, Reconstructive and Aesthetic Surgery*, **2015**, 68, 622-31	1.7	17
179	Use of photogrammetry as a means to assess hybrids of rhesus (Macaca mulatta) and long-tailed (M. fascicularis) macaques. **2015**, 56, 77-88		8
178	The 3dMD photogrammetric photo system in cranio-maxillofacial surgery: Validation of interexaminer variations and perceptions. **2015**, 43, 1798-803		30
177	A 3D morphometric follow-up analysis after frontoorbital advancement in non-syndromic craniosynostosis. **2015**, 43, 1428-37		21
176	Facial anthropometric analysis of a healthy group of young Brazilian adults by means of stereophotogrammetry technique. *Universidade Estadual Paulista Revista De Odontologia*, **2016**, 45, 139-145	1.2	0
175	The 3D Facial Norms Database: Part 1. A Web-Based Craniofacial Anthropometric and Image Repository for the Clinical and Research Community. *Cleft Palate-Craniofacial Journal*, **2016**, 53, e185-e197	1.9	57
174	Treated Versus Untreated Positional Head Deformity. **2016**, 27, 13-8		15
173	Postoperative Edema Resolution following Rhinoplasty: A Three-Dimensional Morphometric Assessment. *Plastic and Reconstructive Surgery*, **2016**, 138, 973e-979e	2.7	22
172	2.5D face landmarking via scale-invariant feature extraction and centroid localization. **2016**,		
171	Three-Dimensional Surface Imaging and the Continuous Evolution of Preoperative and Postoperative Assessment in Rhinoplasty. **2016**, 32, 88-94		27
170	Surgical correction of lambdoid synostosis - New technique and first results. **2016**, 44, 1531-1535		7
169	Comparative Accuracy of Facial Models Fabricated Using Traditional and 3D Imaging Techniques. **2016**, 1-13		
168	Monoscopic photogrammetry to obtain 3D models by a mobile device: a method for making facial prostheses. **2016**, 45, 33		38
167	Three-dimensional facial analysis of Chinese children with repaired unilateral cleft lip and palate. **2016**, 6, 31335		10
166	38 Assessment of Cleft Lip and Nose Repair Outcomes. **2016**,		

165	Three-dimensional Analysis of Normal Facial Morphologies of Asians and Whites: A Novel Method of Quantitative Analysis. *Plastic and Reconstructive Surgery - Global Open*, **2016**, 4, e865	1.2	11
164	Quantitative Determination of Zygomaticomaxillary Complex Position Based on Computed Tomographic Imaging. **2016**, 76 Suppl 1, S117-20		2
163	Comparative Accuracy of Facial Models Fabricated Using Traditional and 3D Imaging Techniques. **2016**, 25, 207-15		5
162	Facial morphology in children and adolescents with juvenile idiopathic arthritis and moderate to severe temporomandibular joint involvement. **2016**, 149, 182-91		26
161	Quantifying Asymmetry and Scar Quality of Children With Repaired Cleft Lip and Palate Using Symnose 2. *Cleft Palate-Craniofacial Journal*, **2016**, 53, 298-301	1.9	3
160	A Pilot Study on the Influence of Facial Expression on Measurements in Three-Dimensional Digital Surfaces of the Face in Infants With Cleft Lip and Palate. *Cleft Palate-Craniofacial Journal*, **2016**, 53, 3-15	1.9	7
159	Accuracy and reliability of 3D stereophotogrammetry: A comparison to direct anthropometry and 2D photogrammetry. *Angle Orthodontist*, **2016**, 86, 487-94	2.6	67
158	Comparison of three-dimensional scanner systems for craniomaxillofacial imaging. *Journal of Plastic, Reconstructive and Aesthetic Surgery*, **2017**, 70, 441-449	1.7	86
157	A predictive model for obstructive sleep apnea and Down syndrome. **2017**, 173, 889-896		26
156	Quantifying the effect of corrective surgery for trigonocephaly: A non-invasive, non-ionizing method using three-dimensional handheld scanning and statistical shape modelling. **2017**, 45, 387-394		19
155	Establishment of a Reliable Horizontal Reference Plane for 3-Dimensional Facial Soft Tissue Evaluation Before and After Orthognathic Surgery. **2017**, 78, S139-S147		14
154	Pursuing Mirror Image Reconstruction in Unilateral Microtia: Customizing Auricular Framework by Application of Three-Dimensional Imaging and Three-Dimensional Printing. *Plastic and Reconstructive Surgery*, **2017**, 139, 1433-1443	2.7	25
153	Three-dimensional surface scanners compared with standard anthropometric measurements for head shape. **2017**, 45, 921-927		16
152	The value of three-dimensional photogrammetry in isolated sagittal synostosis: Impact of age and surgical technique on intracranial volume and cephalic index-a retrospective cohort study. **2017**, 45, 2010-2016		5
151	The Influence of trisomy 21 on facial form and variability. **2017**, 173, 2861-2872		12
150	The role of Nasoalveolar molding: A 3D Prospective analysis. **2017**, 7, 9901		21
149	Accuracy and reproducibility of the DAVID SLS-2 scanner in three-dimensional facial imaging. **2017**, 45, 1662-1670		13
148	Evaluation of the 3dMDface system as a tool for soft tissue analysis. **2017**, 20 Suppl 1, 119-124		18

147	Three-Dimensional Analysis of Nasal Symmetry Following Primary Correction of Unilateral Cleft Lip Nasal Deformity. *Cleft Palate-Craniofacial Journal*, **2017**, 54, 715-719	1.9	12
146	Quantifying Normal Craniofacial Form and Baseline Craniofacial Asymmetry in the Pediatric Population. *Plastic and Reconstructive Surgery*, **2018**, 141, 380e-387e	2.7	18
145	Evaluation of Facial Anthropometry Using Three-Dimensional Photogrammetry and Direct Measuring Techniques. **2018**, 29, 1245-1251		5
144	An Overview of Protocols and Outcomes in Cleft Care. **2018**, 47-82		
143	A comparison of manual anthropometric measurements with Kinect-based scanned measurements in terms of precision and reliability. **2018**, 59, 325-339		12
142	Are Portable Stereophotogrammetric Devices Reliable in Facial Imaging? A Validation Study of VECTRA H1 Device. **2018**, 76, 1772-1784		40
141	Anatomical Uniqueness of Ear Morphology: A Novel Metrical Approach through Three-Dimensional Superimposition. *Plastic and Reconstructive Surgery*, **2018**, 141, 447-450	2.7	1
140	Accuracy, precision and reliability in anthropometric surveys for ergonomics purposes in adult working populations: A literature review. **2018**, 65, 1-16		17
139	Evaluation of a portable low-budget three-dimensional stereophotogrammetry system for nasal analysis. **2018**, 46, 2008-2016		2
138	Augmentation of the Median Tubercle with Dermis-Fat Graft in Children with Repaired Cleft Lip. *Plastic and Reconstructive Surgery*, **2018**, 141, 540e-546e	2.7	7
137	Three-Dimensional Digital Stereophotogrammetry in Cleft Care. **2018**, 363-377		
136	Validation of the Vectra H1 portable three-dimensional photogrammetry system for facial imaging. **2018**, 47, 403-410		58
135	Evaluation of positional plagiocephaly: Conventional anthropometric measurement versus laser scanning method. **2018**, 46, 11-21		15
134	Three-Dimensional Soft-Tissue Evaluation in Patients with Cleft Lip and Palate. **2018**, 24, 8608-8620		12
133	Anthropometric Evaluation of Periorbital Region and Facial Projection Using Three-Dimensional Photogrammetry. **2018**, 29, 2017-2020		5
132	The Relationship between Age and Facial Asymmetry. *Plastic and Reconstructive Surgery*, **2018**, 142, 1145-1152	2.7	14
131	Evaluating the accuracy of facial models obtained from volume wrapping: 2D images on CBCT versus 3D on CBCT. **2018**, 24, 443-450		4
130	Three-Dimensional Imaging in Orthodontics. *Turkish Journal of Orthodontics*, **2018**, 31, 86-94	0.9	13

129   A literature review of anthropometric studies of school students for ergonomics purposes: Are accuracy, precision and reliability being considered?. **2018**, 60, 3-17   5

128   Three-dimensional facial anatomy evaluation: Reliability of laser scanner consecutive scans procedure in comparison with stereophotogrammetry. **2018**, 46, 1807-1813   15

127   A review of the methodology and applications of anthropometry in ergonomics and product design. **2018**, 61, 1696-1720   44

126   Accuracy and reliability of digital craniofacial measurements using a small-format, handheld 3D camera. **2018**, 21, 132   8

125   Influence of involuntary facial expressions on reproducibility of 3D stereophotogrammetry in children with and without complete unilateral cleft lip and palate from 3 to 18 months of age. **2019**, 23, 1041-1050   7

124   Surgical Correction of Metopic Craniosynostosis: A 3-D Photogrammetric Analysis of Cranial Vault Outcomes. *Cleft Palate-Craniofacial Journal*, **2019**, 56, 231-235   1.9   5

123   Scan time, reliability and accuracy of craniofacial measurements using a 3D light scanner. **2019**, 9, 331-335   3

122   A Novel Assessment Technique for the Degree of Facial Symmetry Before and After Orthognathic Surgery Based on Three-Dimensional Contour Features Using Deep Learning Algorithms. **2019**,   2

121   Follow-up study to investigate symmetry and stability of cranioplasty in craniosynostosis - Introduction of new pathology-specific parameters and a comparison to the norm population. **2019**, 47, 1441-1448   4

120   Introduction. **2019**, 1-16

119   Traditional and 3D scan extracted measurements of the heads and faces of Dutch children. **2019**, 73, 102828   6

118   Three-dimensional photographic analysis of the face in European adults from southern Spain with normal occlusion: reference anthropometric measurements. **2019**, 19, 196   3

117   Effect of skin tone on the accuracy of hybrid and passive stereophotogrammetry. *Journal of Plastic, Reconstructive and Aesthetic Surgery*, **2019**, 72, 1564-1569   1.7   2

116   Smile dimensions in adult African American and Caucasian females and males. **2019**, 22 Suppl 1, 186-191   1

115   Facial types and morphology: A study among Sisaala and Dagaaba adult population in the Upper West Region, Ghana. **2019**, 3, e00071   0

114   High-Fidelity Anthropometric Facial Measurements Can Be Obtained From a Single Stereophotograph From the Vectra H1 3-Dimensional Camera. *Cleft Palate-Craniofacial Journal*, **2019**, 56, 1164-1170   1.9   5

113   MeshMonk: Open-source large-scale intensive 3D phenotyping. **2019**, 9, 6085   48

112   Quantifying faces three-dimensionally in orthodontic practice. **2019**, 47, 867-875   4

111	Simultaneous, radiation-free registration of the dentoalveolar position and the face by combining 3D photography with a portable scanner and impression-taking. **2019**, 15, 28		5
110	Quantification of Head Shape and Cranioplasty Outcomes: Six-compartment Volume Method Applied to Sagittal Synostosis. *Plastic and Reconstructive Surgery - Global Open*, **2019**, 7, e2171	1.2	4
109	Craniofacial Anthropometry: Normative Data for Caucasian Infants. **2019**, 30, e539-e542		2
108	Clinical Evaluations of a Novel Thread Lifting Regimen Using Barbed Polyglyconate Suture for Facial Rejuvenation: Analysis Using a 3-Dimensional Imaging System. **2019**, 45, 431-437		11
107	Three-Dimensional Nasal Alterations in Le Fort I Advancement: Linear Measurements, Angles, Nasal Indices, and Volume Differences. **2019**, 30, 1125-1130		4
106	Describing the children's body shape by means of Geometric Morphometric techniques. **2019**, 168, 651-664		6
105	Additive Manufacturing: A Comparative Analysis of Dimensional Accuracy and Skin Texture Reproduction of Auricular Prostheses Replicas. **2019**, 28, e460-e468		22
104	Three-dimensional analysis of lip changes in response to simulated maxillary incisor advancement. *Angle Orthodontist*, **2020**, 90, 118-124	2.6	2
103	Two-dimensional versus three-dimensional Fränkel Manoeuvre: a reproducibility study. *European Journal of Orthodontics*, **2020**, 42, 157-162	3.3	11
102	Fat Grafting in Patients With Extensive Unilateral Facial Deficiency: Three-Dimensional Computer-Assisted Planning, Implementation, and Outcome Assessment. **2020**, 84, S94-S99		2
101	Reliability of optical devices for three-dimensional facial anatomy description: a systematic review and meta-analysis. **2020**, 49, 1092-1106		12
100	Automatic landmarking as a convenient prerequisite for geometric morphometrics. Validation on cone beam computed tomography (CBCT)- based shape analysis of the nasal complex. **2020**, 306, 110095		8
99	Validity and reproducibility of the 3D VECTRA photogrammetric surface imaging system for the maxillofacial anthropometric measurement on cleft patients. **2020**, 24, 2853-2866		5
98	Reliability of Periocular Anthropometry: A Comparison of Direct, 2-Dimensional, and 3-Dimensional Techniques. **2020**, 46, e23-e31		8
97	Manufacture of custom-made spectacles using three-dimensional printing technology. **2020**, 103, 902-904		2
96	Secondary Unilateral Cleft Rhinoplasty Using Natural Curvature of Rib Cartilage as Alar Rim Graft: A Three-Dimensional Evaluation of Long-Term Results. *Plastic and Reconstructive Surgery*, **2020**, 145, 775-779	2.7	7
95	Evaluating the accuracy of hand models obtained from two 3D scanning techniques. **2020**, 10, 11875		1
94	A novel approach quantifying the periorbital morphology: A comparison of direct, 2-dimensional, and 3-dimensional technologies. *Journal of Plastic, Reconstructive and Aesthetic Surgery*, **2021**, 74, 1888-1899	1.7	4

93	Reliability and Agreement of 3D Anthropometric Measurements in Facial Palsy Patients Using a Low-Cost 4D Imaging System. **2020**, 28, 1817-1824		4
92	Long-term comparison study of philtral ridge morphology with two different techniques of philtral reconstruction. **2020**, 49, 1254-1259		2
91	Nasal Alar Surface Area Differences After Unilateral Cleft Lip Repair: Long-Term Effects of the Perialar Incision. **2020**, 31, 1529-1532		2
90	Sources of variation in the 3dMDface and Vectra H1 3D facial imaging systems. **2020**, 10, 4443		9
89	Patient- and 3D morphometry-based nose outcomes after skeletofacial reconstruction. **2020**, 10, 4246		14
88	Fully automatic smartphone-based photogrammetric 3D modelling of infants heads for cranial deformation analysis. **2020**, 166, 268-277		9
87	Correlation of Intracranial Volume With Head Surface Volume in Patients With Multisutural Craniosynostosis. **2020**, 31, 1445-1448		0
86	Assessment of facial symmetry by three-dimensional stereophotogrammetry after mandibular reconstruction: A comparison with subjective assessment. **2021**, 122, 56-61		3
85	Three-Dimensional Analysis of Bilateral Cleft Lip and Palate Nasal Deformity. *Cleft Palate-Craniofacial Journal*, **2021**, 58, 105-113	1.9	4
84	Degree of Asymmetry Between Patients With Complete and Incomplete Cleft Lips. *Cleft Palate-Craniofacial Journal*, **2021**, 58, 539-545	1.9	3
83	Virtual anthropology? Reliability of three-dimensional photogrammetry as a forensic anthropology measurement and documentation technique. **2021**, 135, 939-950		2
82	Three-dimensional anthropometric analysis of eyelid aging among Chinese women. *Journal of Plastic, Reconstructive and Aesthetic Surgery*, **2021**, 74, 135-142	1.7	2
81	Three-Dimensional Photogrammetric Study on Age-Related Facial Characteristics in Korean Females. **2021**, 33, 52-60		0
80	Comparative Analysis between Linear Measures from Bidimensional and Three-dimensional Images of the Face for Human Identification Purpose: A Pilot Study. **2021**, 13, 19		
79	3D, 4D, Mobile APP, VR, AR, and MR Systems in Facial Palsy. **2021**, 405-425		
78	Three-dimensional photography for intraoperative morphometric analysis in metopic craniosynostosis surgery. **2021**, 16, 277-287		1
77	Severe acute malnutrition morphological patterns in children under five. **2021**, 11, 4237		1
76	A Quantitative Analysis of Facial Asymmetry in Torticollis Using 3-Dimensional Photogrammetry. *Cleft Palate-Craniofacial Journal*, **2022**, 59, 40-46	1.9	1

| 75 | Analysis of the influence of the facial scanning method on the transfer accuracy of a maxillary digital scan to a 3D face scan for a virtual facebow technique: An in vitro study. **2021**, | 2 |

| 74 | Evaluation of facial asymmetry by stereophotogrammetry in individuals with unilateral maxillary impacted canine. **2021**, 82, 226-235 | 0 |

| 73 | Three-Dimensional Facial Anthropometric Analysis With and Without Landmark Labelling: Is There a Real Difference?. **2021**, | 1 |

| 72 | Evaluation of camera settings for photogrammetric reconstruction of humanoid phantoms for EBRT bolus and HDR surface brachytherapy applications. **2021**, 44, 457-471 | 2 |

| 71 | Automatic 3D dense phenotyping provides reliable and accurate shape quantification of the human mandible. **2021**, 11, 8532 | 2 |

| 70 | Accuracy and Reliability of Kinect Motion Sensing Input Device 3D Models: A Comparison to Direct Anthropometry and 2D Photogrammetry. **2021**, 9, 54-60 | 0 |

| 69 | Updating Standards of Facial Growth in Romanian Children and Adolescents Using the Anthropometric Method-A Pilot Study. **2021**, 18, | 1 |

| 68 | New Technologies to Improve Surgical Outcome during Open-Cranial Vault Remodeling. | 1 |

| 67 | Determination of Ethnic Variation in Infant Nasolabial Anthropometry Using 3D Photographs: Implications for Bilateral Cleft Lip Nasal Correction. *Cleft Palate-Craniofacial Journal*, **2021**, 10556656211024470 | 1.9 | 0 |

| 66 | Evaluating the agreement and reliability of a web-based facial analysis tool for rhinoplasty. **2021**, 16, 1381-1391 | 1 |

| 65 | Computed tomography associated radiation exposure in children with craniosynostosis. **2021**, 37, 2635-2641 | 2 |

| 64 | Tooth-borne versus tooth-bone-borne rapid maxillary expanders according to a stereophotogrammetric evaluation of facial soft tissues: A randomized clinical trial. **2021**, 24, 438-448 | 1 |

| 63 | Standardized Three-Dimensional Lateral Distraction Test: Its Reliability to Assess Medial Canthal Tendon Laxity. **2021**, 1 | 5 |

| 62 | Three-dimensional facial scanner in the hands of patients: validation of a novel application on iPad/iPhone for three-dimensional imaging. **2021**, 9, 1115 | 2 |

| 61 | A novel standardized distraction test to evaluate lower eyelid tension using three-dimensional stereophotogrammetry. **2021**, 11, 3735-3748 | 4 |

| 60 | Three-Dimensional Analysis of Definitive Secondary Unilateral Cleft Rhinoplasty Using Cartilage Graft. *Cleft Palate-Craniofacial Journal*, **2021**, 10556656211034099 | 1.9 | 1 |

| 59 | Evaluation of the 3D error of 2 face-scanning systems: An in vitro analysis. **2021**, | 1 |

| 58 | Evaluation of 3D Face-Scan images obtained by stereophotogrammetry and smartphone camera. **2021**, 19, 669-678 | 0 |

57	Clinical Features and the Use of Three-Dimensional Imaging for Unilateral Lambdoid Synostosis. **2021**,		0
56	Can a spontaneous smile invalidate facial identification by photo-anthropometry?. **2021**, 51, 279-290		0
55	Three-Dimensional Stereophotogrammetry in the Evaluation of Craniosynostosis: Current and Potential Use Cases. **2021**, 32, 956-963		1
54	Three-Dimensional Facial Morphometry: From Anthropometry to Digital Morphology. **2012**, 611-624		1
53	Evaluation of the Reproducibility of Non-verbal Facial Animations. *Lecture Notes in Computer Science*, **2012**, 184-193	0.9	2
52	Accuracy of an automated method of 3D soft tissue landmark detection. *European Journal of Orthodontics*, **2021**, 43, 622-630	3.3	4
51	MeshMonk: Open-source large-scale intensive 3D phenotyping.		1
50	Are neoclassical canons valid for southern Chinese faces?. *PLoS ONE*, **2012**, 7, e52593	3.7	24
49	Methods to quantify soft tissue-based cranial growth and treatment outcomes in children: a systematic review. *PLoS ONE*, **2014**, 9, e89602	3.7	10
48	Anthropometric Study of Three-Dimensional Facial Morphology in Malay Adults. *PLoS ONE*, **2016**, 11, e0164180	3.7	20
47	New virtual tool for accurate evaluation of facial volume. *Acta Cirurgica Brasileira*, **2017**, 32, 1075-1086	1.6	7
46	Spatial Accuracy of a Low Cost High Resolution 3D Surface Imaging Device for Medical Applications. *International Journal of Medical Physics, Clinical Engineering and Radiation Oncology*, **2013**, 02, 45-51	0.1	8
45	Three-Dimensional Evaluation of the Effects of Kinesio Taping on Postoperative Swelling and Pain after Surgically Assisted Rapid Palatal Expansion. *Journal of Oral & Maxillofacial Research*, **2018**, 9, e3	2.1	3
44	Reliability of Measurements on Plaster and Digital Models of Patients with a Cleft Lip and Palate. *Turkish Journal of Orthodontics*, **2019**, 32, 65-71	0.9	1
43	Comparison of the 3D Digital Photogrammetry and Direct Anthropometry in Unilateral Cleft Lip Patients. *Archives of Craniofacial Surgery*, **2013**, 14, 11	1.3	2
42	Digital Three-Dimensional Photogrammetry: Craniofacial Applications to Facial Growth, Orthognathic and Reconstructive Surgery, and Morphometrics. **2012**, 2511-2520		1
41	Detection of Facial Landmarks in 3D Face Scans Using the Discriminative Generalized Hough Transform (DGHT). *Informatik Aktuell*, **2015**, 299-304	0.3	
40	Ortodontide 3 Boyutlu Stereofotogrametri. *Sleyman Demirel niversitesi Tp Faklesi Dergisi*,		

39	ORTODONTİDE BOYUTLU GÖRÜNTÜLEME SİSTEMLERİ LİTERATÜR DERLEMESİ *Selcuk Dental Journal,*		
38	Accuracy evaluation of tridimensional images performed by portable stereophotogrammetric system. *Universidade Estadual Paulista Revista De Odontologia,* 48,	1.3	1
37	Management of Craniosynostosis: Evaluation of Results. **2019**, 1-12		
36	demin değerlendirilmesinde yüz tarama sistemi ile pletismografik ölçüm yönteminin karşılaştırılması *Sağlık Bilimleri Dergisi,*	0	
35	Management of Craniosynostosis: Evaluation of Results. **2020**, 1557-1566		
34	3D Imaging. **2020**, 251-261		
33	Accuracy and Precision of Three-dimensional Imaging System of Childrens Facial Soft Tissue. *The Journal of the Korean Academy of Pedtatric Dentistry,* **2020**, 47, 17-24	0.4	0
32	Chairside virtual patient protocol. Part 1: Free vs Guided face scan protocol. *Journal of Dentistry,* **2021**, 116, 103881	4.8	1
31	Tek taraflı dudak damak yarıklı hastalarda boyutlu görüntüleme ile nazolabial asimetrinin değerlendirilmesi. *Acta Odontologica Turcica,* **2020**, 37, 58-63	0.1	
30	A Prospective Cross-Sectional Study to Assess the Effect of Direct Ureteral Length Measurement to Choose Length of Double J Stent on Stent Related Morbidity. *Journal of Evidence Based Medicine and Healthcare,* **2020**, 7, 2657-2661	0	
29	[Comparison of the registration methods for the three-dimensional facial scans applied to the design of full-arch implant supported restoration]. *Beijing Da Xue Xue Bao,* **2020**, 53, 83-87	0.2	
28	Three-Dimensional Quantification of Facial Asymmetry in Children with Positional Cranial Deformity. *Plastic and Reconstructive Surgery,* **2021**, 148, 1321-1331	2.7	3
27	Using 3D-Technology to Support Facial Treatment. *Lecture Notes in Business Information Processing,* **2022**, 474-487	0.6	
26	Mobile applications for the sport and exercise nutritionist: a narrative review.. *BMC Sports Science, Medicine and Rehabilitation,* **2022**, 14, 30	2.4	
25	3D Photography to Quantify the Severity of Metopic Craniosynostosis.. *Cleft Palate-Craniofacial Journal,* **2022**, 10556656221087071	1.9	
24	Longitudinal composite 3D faces and facial growth trends in children 6-11 years of age using 3D cephalometric surface imaging.. *Annals of Human Biology,* **2021**, 1-10	1.7	
23	Evaluation of dual-energy X-ray absorptiometry compared to magnetic resonance imaging for collecting measurements of the human bony pelvis.. *American Journal of Human Biology,* **2022**, e23753	2.7	
22	Expanding the Classic Facial Canons: Quantifying Intercanthal Distance in a Diverse Patient Population.. *Plastic and Reconstructive Surgery - Global Open,* **2022**, 10, e4268	1.2	

21	UCSQ Method Applied on 3D Photogrammetry: Non-Invasive Objective Differentiation Between Synostotic and Positional Plagiocephaly.. *Cleft Palate-Craniofacial Journal*, **2022**, 10556656221100679	1.9	
20	Precision and accuracy assessment of single and multicamera three-dimensional photogrammetry compared with direct anthropometry. *Angle Orthodontist*, **2022**,	2.6	0
19	Anthropometric Landmarking for Diagnosis of Cranial Deformities: Validation of an Automatic Approach and Comparison with Intra- and Interobserver Variability. *Annals of Biomedical Engineering*,	4.7	0
18	Developing core outcome set for anthropometric evaluation for presurgical infant orthopedics for unilateral cleft lip and palate: e- Delphi consensus. *Journal of Plastic, Reconstructive and Aesthetic Surgery*, **2022**,	1.7	
17	ASSOCIATION OF CONGENITAL SEVERE PTOSIS WITH FACIAL ASYMMETRY. **2022**, 26-28		
16	Measure of Frontal Morphology in Sagittal Craniosynostosis: The Frontal Bossing Index. **2022**, 3, 396-402		
15	Classification of Skull Shape Deformities Related to Craniosynostosis on 3D Photogrammetry. Publish Ahead of Print,		0
14	Facial scanning technologies in the era of digital workflow: A systematic review and network meta-analysis. **2022**,		1
13	Using a Smartphone 3-Dimensional Surface Imaging Technique to Manufacture Custom 3-Dimensional-Printed Eyeglasses.		0
12	Application of 3-Dimensional White-Light Scanning to Observe the Lip and Nose Morphology of Chinese Children. Publish Ahead of Print,		0
11	Craniofacial Growth and Asymmetry in Newborns: A Longitudinal 3D Assessment. **2022**, 19, 12133		0
10	3-Dimensional Morphometric Outcomes After Endoscopic Strip Craniectomy for Unicoronal Synostosis. Publish Ahead of Print,		0
9	3-dimensional analysis of nasal soft tissue alterations following maxillary Lefort I advancement with and without impaction using 3D photogrammetry scanner.		0
8	Accuracy of three-dimensional optical devices for facial soft-tissue measurement in clinical practice of stomatology: A PRISMA systematic review. **2022**, 101, e31922		0
7	Using a 3D asymmetry index as a novel form for capturing complex three-dimensionality in positional plagiocephaly. **2022**, 12,		0
6	Cloner 3D photogrammetric facial scanner: Assessment of accuracy in a controlled clinical study.		0
5	Advancement in Human Face Prediction Using DNA. **2023**, 14, 136		0
4	Three dimensional quantitative study of soft tissue changes in nasolabial folds after orthodontic treatment in female adults. **2023**, 23,		0

3	Quantitative changes over time in the three-dimensional assessment of facial swelling following mandibular third molar surgery: A follow-up study of 5 consecutive days.	0
2	Accuracy and Reliability of 3D Imaging for Facial Movement Evaluation: Validation of the VECTRA H1. **2023**, 11, e4664	0
1	Comparison of a custom Photogrammetry for Anatomical CarE (PHACE) system with other Low-Cost Facial Scanning Devices.	0