The Warwick Agreement on femoroacetabular impingement syndrome (FAI syndrome): an international consensus statement

DOI: 10.1136/bjsports-2016-096743
British Journal of Sports Medicine, 2016, 50, 1169-76.

#	Paper	IF	Citations
606	Surgery for hip preservation-let the patient decide. **2016**, 3, 243-244		
605	The Warwick Agreement on femoroacetabular impingement syndrome (FAI syndrome): an international consensus statement. *British Journal of Sports Medicine*, **2016**, 50, 1169-76	10.3	490
604	Editorial Commentary: The Hip Bone's Connected to the Knee Bone, but Correlation Does Not Equal Causation-The Association of Hip Motion, Femoroacetabular Impingement, and Anterior Cruciate Ligament Injury. **2017**, 33, 326-328		5
603	Relationship between physical activity and hip pain in persons with and without cam or pincer morphology: a population-based case-control study. **2017**, 25, 1055-1061		11
602	Important clinical descriptors to include in the examination and assessment of patients with femoroacetabular impingement syndrome: an international and multi-disciplinary Delphi survey. **2017**, 25, 1975-1986		19
601	The diagnostic performance of non-contrast 3-Tesla magnetic resonance imaging (3-T MRI) versus 1.5-Tesla magnetic resonance arthrography (1.5-T MRA) in femoro-acetabular impingement. **2017**, 88, 109-116		25
600	Diagnostic Accuracy of Imaging Modalities and Injection Techniques for the Diagnosis of Femoroacetabular Impingement/Labral Tear: A Systematic Review With Meta-analysis. **2017**, 45, 2665-2677		31
599	The Groin Pain Syndrome. **2017**, 273-282		
598	Groin injuries in athletes □New stepping stones. **2017**, 33, 106-112		5
597	Impaired hip muscle strength in patients with femoroacetabular impingement syndrome. **2017**, 20, 1062-1067		41
596	H□timpingement □Fakt oder Fiktion. **2017**, 33, 132-141		
595	Das femoroacetabul□e Impingement. **2017**, 55, 254-264		
594	Update on Femoroacetabular Impingement: What Is New, and How Should We Assess It?. **2017**, 21, 518-528		24
593	Cam morphology and inguinal pathologies: is there a possible connection?. **2017**, 18, 439-450		4
592	Viability and Tissue Quality of Cartilage Flaps From Patients With Femoroacetabular Hip Impingement: A Matched-Control Comparison. **2017**, 5, 2325967117723608		9
591	Femoroacetabular impingement syndrome □a pain in the hip. **2017**, 8, 13-16		
590	An investigation into the immediate effects of pelvic taping on hamstring eccentric force in an elite male sprinter - A case report. **2017**, 28, 15-22		3

589	Efficacy of adding a physiotherapy rehabilitation programme to arthroscopic management of femoroacetabular impingement syndrome: a randomised controlled trial (FAIR). **2017**, 7, e014658	35
588	Range of Hip Joint Motion Is Correlated With MRI-Verified Cam Deformity in Adolescent Elite Skiers. **2017**, 5, 2325967117711890	9
587	Early recovery after hip arthroscopy for femoroacetabular impingement syndrome: a prospective, observational study. **2017**, 4, 299-307	14
586	Advanced Imaging Adds Little Value in the Diagnosis of Femoroacetabular Impingement Syndrome. **2017**, 99, e133	11
585	Who Is Performing Hip Arthroscopy?: An Analysis of the American Board of Orthopaedic Surgery Part-II Database. **2017**, 99, 2103-2109	22
584	Author's Reply. **2017**, 33, 2102-2104	
583	Intra-Articular Hip Injection Is a Valuable and Cost-Effective Diagnostic Tool but Replacing Advanced Diagnostic Methods Is Not Currently the Way to Go: Commentary on an article by Daniel J. Cunningham, MD, MHS, et al.: "Advanced Imaging Adds Little Value in the Diagnosis of Femoroacetabular Impingement Syndrome". **2017**, 99, e138	3
582	Hip arthroscopy results in improved patient reported outcomes compared to non-operative management of waitlisted patients. **2017**, 4, 39-44	10
581	5 Groin Injuries. **2017**,	
580	Protocol for a multi-centre randomised controlled trial comparing arthroscopic hip surgery to physiotherapy-led care for femoroacetabular impingement (FAI): the Australian FASHIoN trial. **2017**, 18, 406	15
579	Clinical Examination, Diagnostic Imaging, and Testing of Athletes With Groin Pain: An Evidence-Based Approach to Effective Management. **2018**, 48, 239-249	32
578	Basic Concepts in Hip Arthroscopy. **2018**, 45-67	
577	Dance Orthopaedics, Ballet Injuries and When to Perform Surgical Treatment. **2018**, 343-353	
576	Are Self-Reported Medication Allergies Associated With Worse Hip Outcome Scores Prior to Hip Arthroscopy?. **2018**, 34, 1856-1861	5
575	An approach to hip pain in a young adult. **2018**, 361, k1086	8
574	The importance of hip shape in predicting hip osteoarthritis. **2018**, 4, 214-222	5
573	Assessment of cam morphology of the hip with ultra sound imaging by physical therapists is reliable and valid. **2018**, 32, 167-172	2
572	Extra-articular hip impingement: A review of the literature. **2018**, 60, 105-118	2

571	Acetabular labral tear description and measures of pincer and cam-type femoroacetabular impingement and interobserver variability on 3 T MR arthrograms. **2018**, 50, 194-200		6
570	The management of the painful borderline dysplastic hip. **2018**, 5, 105-112		29
569	Trunk, pelvis and hip biomechanics in individuals with femoroacetabular impingement syndrome: Strategies for step ascent. **2018**, 61, 176-182		20
568	Lower limb biomechanics in femoroacetabular impingement syndrome: a systematic review and meta-analysis. *British Journal of Sports Medicine*, **2018**, 52, 566-580	10.3	56
567	Femoroacetabular impingement: a common cause of hip pain. **2018**, 46, 139-144		9
566	Prevalence and Consistency in Surgical Outcome Reporting for Femoroacetabular Impingement Syndrome: A Scoping Review. **2018**, 34, 1319-1328.e9		23
565	No difference in prevalence of spine and hip pain in young Elite skiers. **2018**, 26, 1959-1965		5
564	Prevalence of High-Grade Cartilage Defects in Patients With Borderline Dysplasia With Femoroacetabular Impingement: A Comparative Cohort Study. **2018**, 34, 2347-2352		16
563	Significant Knowledge Gaps Between Clinical Practice and Research on Femoroacetabular Impingement: Are We on the Same Path?. **2018**, 48, 228-229		2
562	Arthroscopic Surgical Procedures Versus Sham Surgery for Patients With Femoroacetabular Impingement and/or Labral Tears: Study Protocol for a Randomized Controlled Trial (HIPARTI) and a Prospective Cohort Study (HARP). **2018**, 48, 325-335		16
561	The Physiotherapy for Femoroacetabular Impingement Rehabilitation STudy (physioFIRST): A Pilot Randomized Controlled Trial. **2018**, 48, 307-315		30
560	Hip Strength and Range of Movement Are Associated With Dynamic Postural Control Performance in Individuals Scheduled for Arthroscopic Hip Surgery. **2018**, 48, 280-288		15
559	Labral augmentation with ligamentum capitis femoris: presentation of a new technique and preliminary results. **2018**, 5, 47-53		6
558	Femoroacetabular impingement surgery allows 74% of athletes to return to the same competitive level of sports participation but their level of performance remains unreported: a systematic review with meta-analysis. *British Journal of Sports Medicine*, **2018**, 52, 972-981	10.3	45
557	Although the injury rate of yoga is low, nearly two-thirds of musculoskeletal injuries in yoga affect the lower extremity: a systematic review. **2018**, 3, 229-234		3
556	Musculoskeletal Screening Tests and Bony Hip Morphology Cannot Identify Male Professional Soccer Players at Risk of Groin Injuries: A 2-Year Prospective Cohort Study. **2018**, 46, 1294-1305		36
555	The Prevalence of Cam and Pincer Morphology and Its Association With Development of Hip Osteoarthritis. **2018**, 48, 230-238		41
554	Clinical Rating of Movement-Pattern Quality in Patients With Femoroacetabular Impingement Syndrome: A Methodological Study. **2018**, 48, 260-269		5

553	Return to Play Criteria: The Norwegian Experience. **2018**, 139-148		1
552	HAGOS Could Be Important in the Evaluation of Patients Undergoing Hip Arthroscopy-Why Ignore It in a Sports Medicine Update When the Scientific Data Suggests Otherwise? Letter to the Editor. **2018**, 46, NP6-NP7		2
551	HAGOS Could Be Important in the Evaluation of Patients Undergoing Hip Arthroscopy-Why Ignore It in a Sports Medicine Update When the Scientific Data Suggest Otherwise? Response. **2018**, 46, NP7-NP8		1
550	Translation, Cross-cultural Adaptation, and Validation of the Dutch International Hip Outcome Tool-33 (iHOT-33 NL) in Young, Physically Active Individuals With Symptomatic Hip Joint Pathology. **2018**, 48, 289-298		10
549	Kinematic Differences During Single-Leg Step-Down Between Individuals With Femoroacetabular Impingement Syndrome and Individuals Without Hip Pain. **2018**, 48, 270-279		29
548	Is Bony Hip Morphology Associated With Range of Motion and Strength in Asymptomatic Male Soccer Players?. **2018**, 48, 250-259		12
547	Special Considerations of Return to Play in Football Goalkeepers. **2018**, 893-906		
546	The Young Player: Special Considerations. **2018**, 941-952		
545	Injuries of the obturator muscles in professional soccer players. **2018**, 26, 1936-1942		9
544	The FADIR test accuracy for screening cam and pincer morphology in youth ice hockey players. **2018**, 21, 134-138		18
543	Population-based prevalence of multiple radiographically-defined hip morphologies: the Johnston County Osteoarthritis Project. **2018**, 26, 54-61		15
542	Similar views on rehabilitation following hip arthroscopy among physiotherapists and surgeons in Scandinavia: a specialized care survey. **2018**, 26, 2519-2526		7
541	Imaging for hip-related groin pain: don't be hip-notised by the findings. *British Journal of Sports Medicine*, **2018**, 52, 551-552	10.3	4
540	What treatment options exist for patients with femoroacetabular impingement syndrome but without surgical indication?. *British Journal of Sports Medicine*, **2018**, 52, 552-553	10.3	10
539	Extra-articular hip impingement: a review of the literature. **2018**, 60, 105-118		1
538	Hip shape is symmetric, non-dependent on limb dominance and gender-specific: implications for femoroacetabular impingement. A 3D CT analysis in asymptomatic subjects. **2018**, 28, 1609-1624		15
537	Detection of femoroplasty on pre- and post-arthroscopic comparison radiographs following treatment of femoroacetabular impingement syndrome: multi-reader accuracy and agreement study. **2018**, 47, 233-242		1
536	Physical activity during adolescence and the development of cam morphology: a cross-sectional cohort study of 210 individuals. *British Journal of Sports Medicine*, **2018**, 52, 601-610	10.3	51

535	Strategies in managing the labrum. **2018**, 3, 57-57		1
534	Imaging the young adult hip in the future. **2018**, 3, 47-47		6
533	Rehabilitation for Femoroacetabular Impingement: Conservative Care and Postoperative Practice. **2018**, 02, 189-193		
532	Biologics in hip preservation. **2018**, 3, 50-50		6
531	Hip Pain in the Athlete Part 2: How to Work Up, Diagnosis, and Manage Femoroacetabular Impingement. **2018**, 02, 141-147		
530	Causes of Chronic Hip Pain Undiagnosed or Misdiagnosed by Primary Physicians in Young Adult Patients: a Retrospective Descriptive Study. **2018**, 33, e339		2
529	2018 International Consensus Statement on Golf and Health to guide action by people, policymakers and the golf industry. *British Journal of Sports Medicine*, **2018**, 52, 1426-14361	10.3	8
528	Can We Discriminate Symptomatic Hip Patients From Asymptomatic Volunteers Based on Anatomic Predictors? A 3-Dimensional Magnetic Resonance Study on Cam, Pincer, and Spinopelvic Parameters. **2018**, 46, 3097-3110		24
527	Identification of a Patient Acceptable Symptomatic State Score for the International Hip Outcome Tool in People Undergoing Hip Arthroscopy. **2018**, 34, 3024-3029		13
526	Clinical features of people with hip-related pain, but no clinical signs of femoroacetabular impingement syndrome. **2018**, 34, 201-207		1
525	Frog leg: Radiographic view. **2018**, 62 Suppl 1, 137-138		
524	Development of appropriateness criteria for hip arthroscopy in patients with femoroacetabular impingement. **2018**, 62, 328-336		
523	Multicentre study on capsular closure versus non-capsular closure during hip arthroscopy in Danish patients with femoroacetabular impingement (FAI): protocol for a randomised controlled trial. **2018**, 8, e019176		12
522	Epidemiology and Detrimental Impact of Opioid Use in Patients Undergoing Arthroscopic Treatment of Femoroacetabular Impingement Syndrome. **2018**, 34, 2832-2836		16
521	Arthroscopic Repair of Acetabular Cartilage Lesions by Chitosan-Based Scaffold: Clinical Evaluation at Minimum 2 Years Follow-up. **2018**, 34, 2821-2828		21
520	Most Military Service Members Return to Activity Duty With Limitations After Surgery for Femoroacetabular Impingement Syndrome: A Systematic Review. **2018**, 34, 2713-2725		7
519	Preoperative Depression Is Negatively Associated With Function and Predicts Poorer Outcomes After Hip Arthroscopy for Femoroacetabular Impingement. **2018**, 34, 2368-2374		43
518	Hip arthroscopy versus best conservative care for the treatment of femoroacetabular impingement syndrome (UK FASHIoN): a multicentre randomised controlled trial. **2018**, 391, 2225-2235		268

517	High or low return to sport rates following hip arthroscopy is a matter of definition?. *British Journal of Sports Medicine*, **2018**, 52, 1475-1476	10.3	15
516	Sub-elite Football Players With Hip-Related Groin Pain and a Positive Flexion, Adduction, and Internal Rotation Test Exhibit Distinct Biomechanical Differences Compared With the Asymptomatic Side. **2018**, 48, 584-593		8
515	Gait Alterations in Femoroacetabular Impingement Syndrome Differ by Sex. **2018**, 48, 649-658		26
514	Development of appropriateness criteria for hip arthroscopy in patients with femoroacetabular impingement. **2018**, 62, 328-336		1
513	Are femoroacetabular impingement tomographic angles associated with the histological assessment of labral tears? A cadaveric study. **2018**, 13, e0199352		3
512	Arthritis and Joint Replacement. **2018**, 81-109		
511	Return to Sport and Performance After Hip Arthroscopy for Femoroacetabular Impingement in 18- to 30-Year-Old Athletes: A Cross-sectional Cohort Study of 189 Athletes. **2018**, 46, 2578-2587		56
510	Marker free model-based radiostereometric analysis for evaluation of hip joint kinematics: A validation study. **2018**, 7, 379-387		11
509	Editorial Commentary: A Hip Scope Scoping Review on Surgical Outcome Reporting-If You Want to Know the Answer, You Have to Ask the Question. **2018**, 34, 1329-1331		2
508	Hip, Groin, and Abdominal Injuries in Handball. **2018**, 243-260		
507	Assessing the Outcome of Hip Arthroscopy for Labral Tears in Femoroacetabular Impingement Using the Minimum Dataset of the British Non-arthroplasty Hip Register: A Single-Surgeon Experience. **2018**, 34, 2131-2139		21
506	The effect of pelvic tilt and cam on hip range of motion in young elite skiers and nonathletes. **2018**, 9, 147-156		6
505	Hip arthroscopy for femoroacetabular impingement. **2018**, 3, 121-129		17
504	The Risk of Impingement With Sexual Activity in Femoroacetabular Impingement Syndrome Due to Cam Morphology: Shape Matters. **2018**, 6, 2325967118791790		1
503	Italian consensus conference on guidelines for conservative treatment on lower limb muscle injuries in athlete. **2018**, 4, e000323		22
502	Advanced Concepts in Hip Morphology, Associated Pathologies, and Specific Rehabilitation for Athletic Hip Injuries. **2018**, 17, 199-207		1
501	Adolescent elite skiers with and without cam morphology did change their hip joint range of motion with 2 ́years follow-up. **2019**, 27, 3149-3157		2
500	Professional soccer is associated with radiographic cam and pincer hip morphology. **2019**, 27, 3142-3148		9

499	Exercise Therapy for the Management of Femoroacetabular Impingement Syndrome: Preliminary Results of Clinical Responsiveness. **2019**, 71, 1074-1083		15
498	High relative reliability and responsiveness of the forgotten joint score-12 in patients with femoroacetabular impingement undergoing hip arthroscopic treatment. A prospective survey-based study. **2019**, 6, 149-156		10
497	Preoperative Performance of the PROMIS in Patients Undergoing Hip Arthroscopic Surgery for Femoroacetabular Impingement Syndrome. **2019**, 7, 2325967119860079		15
496	Prevalence and Clinical Implications of Chondral Injuries After Hip Arthroscopic Surgery for Femoroacetabular Impingement Syndrome. **2019**, 47, 2626-2635		17
495	Patients With Borderline Hip Dysplasia Achieve Clinically Significant Outcome After Arthroscopic Femoroacetabular Impingement Surgery: A Case-Control Study With Minimum 2-Year Follow-up. **2019**, 47, 2636-2645		29
494	Hip Biomechanics During a Single-Leg Squat: 5 Key Differences Between People With Femoroacetabular Impingement Syndrome and Those Without Hip Pain. **2019**, 49, 908-916		11
493	Femoroacetabular Impingement in the Adolescent Athlete. **2019**, 27, 152-158		2
492	Hamstring rehabilitation in elite track and field athletes: applying the British Athletics Muscle Injury Classification in clinical practice. *British Journal of Sports Medicine*, **2019**, 53, 1464-1473	10.3	34
491	Deep hip muscle activation during squatting in femoroacetabular impingement syndrome. **2019**, 69, 141-147		5
490	Minimal Clinically Important Difference and Substantial Clinical Benefit Values for a Pain Visual Analog Scale After Hip Arthroscopy. **2019**, 35, 2064-2069		24
489	Editorial Commentary: The Gain in Pain After Hip Arthroscopic Surgery: What Is Clinically Relevant, and Is Pain Related to Function in Patients With Femoroacetabular Impingement Syndrome?. **2019**, 35, 2070-2071		
488	Arthroscopie de hanche chez le sportif (hanche articulaire et abarticulaire). **2019**, 86, 287-293		
487	Increased pelvic mobility and altered hip muscles contraction patterns: two-year follow-up cam-FAIS corrective surgery. **2019**, 6, 140-148		9
486	Demographic and Radiographic Factors Associated With Intra-articular Hip Cartilage Injury: A Cross-sectional Study of 1511 Hip Arthroscopy Procedures. **2019**, 47, 2617-2625		17
485	A decade of Australian and New Zealand orthopaedic publications: a bibliometric trend analysis from 2008 to 2018. **2019**, 43, 2217-2226		4
484	Return to Basketball After Hip Arthroscopy: Minimum 2-Year Follow-up. **2019**, 35, 2834-2844		8
483	How Can We Define Clinically Important Improvement in Pain Scores After Hip Arthroscopy for Femoroacetabular Impingement Syndrome? Minimum 2-Year Follow-up Study. **2019**, 47, 3133-3140		33
482	Italian consensus statement (2020) on return to play after lower limb muscle injury in football (soccer). **2019**, 5, e000505		23

481	Evaluation of Osseous Morphology of the Hip Using Zero Echo Time Magnetic Resonance Imaging. **2019**, 47, 3460-3468	28
480	Editorial Commentary: What Exactly Is Impingement-Can Dynamic Magnetic Resonance Imaging "See" Impingement in Femoroacetabular Impingement?. **2019**, 35, 2375-2379	
479	Contemporary Non-Surgical Considerations in the Management of People with Extra- and Intra-Articular Hip Pathologies. **2019**,	1
478	Patient-Specific 3-D Magnetic Resonance Imaging-Based Dynamic Simulation of Hip Impingement and Range of Motion Can Replace 3-D Computed Tomography-Based Simulation for Patients With Femoroacetabular Impingement: Implications for Planning Open Hip Preservation Surgery and Hip Arthroscopy. **2019**, 47, 2966-2977	39
477	Do psychological factors or radiographic severity play a role in the age of onset in symptomatic developmental dysplasia of hip and femoroacetabular impingement syndrome?. **2019**, 20, 412	5
476	Preoperative Predictors of Achieving Clinically Significant Athletic Functional Status After Hip Arthroscopy for Femoroacetabular Impingement at Minimum 2-Year Follow-Up. **2019**, 35, 3049-3056.e1	29
475	Femoroacetabular Impingement Patients With Decreased Femoral Version Have Different Impingement Locations and Intra- and Extraarticular Anterior Subspine FAI on 3D-CT-Based Impingement Simulation: Implications for Hip Arthroscopy. **2019**, 47, 3120-3132	41
474	Return to Duty After Mini-Open Arthroscopic-Assisted Treatment of Femoroacetabular Impingement in an Active Military Population. **2019**, 1, e15-e23	4
473	Real-Time Assessment of Femoroacetabular Motion Using Radial Gradient Echo Magnetic Resonance Arthrography at 3 Tesla in Routine Clinical Practice: A Pilot Study. **2019**, 35, 2366-2374	6
472	Physiotherapists recommendations for examination and treatment of rotator cuff related shoulder pain: A consensus exercise. **2019**, 40, 87-94	14
471	Moving forward in hip arthroscopy and related research. **2019**, 27, 3055-3056	
470	Hip-related groin pain, patient characteristics and patient-reported outcomes in patients referred to tertiary care due to longstanding hip and groin pain: a cross-sectional study. **2019**, 20, 432	6
469	Hip Hype: FAI Syndrome, Amara's Law, and the Hype Cycle. **2019**, 23, 252-256	6
468	Extra-articular hip impingement: clinical presentation, radiographic findings and surgical treatment outcomes. **2019**, 47, 262-269	2
467	Systematic Review of Hip Arthroscopy for Femoroacetabular Impingement: The Importance of Labral Repair and Capsular Closure. **2019**, 35, 646-656.e3	73
466	Clinical Examination and Diagnosis of Extra-Articular Hip and Groin Pain. **2019**, 79-94	
465	Quality Assessment of Prospective Cohort Studies Evaluating Arthroscopic Treatment for Femoroacetabular Impingement Syndrome: A Systematic Review. **2019**, 7, 2325967119838533	10
464	The association between specific sports activities and sport performance following hip arthroscopy for femoroacetabular impingement syndrome: A secondary analysis of a cross-sectional cohort study including 184 athletes. **2019**, 6, 124-133	11

463	Editorial Commentary: If You Can't See It, You Can't Treat It: Proper Hip Radiographic Views Are Critical. **2019**, 35, 1807-1808	5
462	Imaging Methodology for Hip Preservation: Techniques, Parameters, and Thresholds. **2019**, 23, 197-226	14
461	Hip Function 6 to 10 Months After Arthroscopic Surgery: A Cross-sectional Comparison of Subjective and Objective Hip Function, Including Performance-Based Measures, in Patients Versus Controls. **2019**, 7, 2325967119844821	6
460	Trends in Hip Arthroscopic Labral Repair: An American Board of Orthopaedic Surgery Database Study. **2019**, 35, 1413-1419	17
459	Arthroscopic Management of Femoroacetabular Impingement in Athletes. **2019**, 121-142	
458	Do Your Routine Radiographs to Diagnose Cam Femoroacetabular Impingement Visualize the Region of the Femoral Head-Neck Junction You Intended?. **2019**, 35, 1796-1806	15
457	Nonoperative Management Prior to Hip Arthroscopy for Femoroacetabular Impingement Syndrome: An Investigation Into the Utilization and Content of Physical Therapy. **2019**, 49, 593-600	9
456	Comparable patient-reported outcomes in females with or without joint hypermobility after hip arthroscopy and capsular plication for femoroacetabular impingement syndrome. **2019**, 6, 33-40	18
455	Retraining in a Female Elite Rower with Persistent Symptoms Post-Arthroscopy for Femoroacetabular Impingement Syndrome: A Proof-of-Concept Case Report. **2019**, 4,	3
454	Is surgery effective in patients with femoroacetabular impingement syndrome?. **2019**, 365, l1359	
453	Hip and Groin Pain in the Athlete. **2019**,	3
452	Groin Injuries. **2019**, 223-231	
451	Hypermobile Hip Syndrome. **2019**, 27, 108-118	3
450	Current trends in sport and exercise hip conditions: Intra-articular and extra-articular hip pain, with detailed focus on femoroacetabular impingement (FAI) syndrome. **2019**, 33, 66-87	10
449	Performance and Return to Sport After Hip Arthroscopic Surgery in Major League Baseball Players. **2019**, 7, 2325967119825835	12
448	Evidence for Reliability and Validity of Functional Performance Testing in the Evaluation of Nonarthritic Hip Pain. **2019**, 54, 276-282	10
447	Predictors of Persistent Postoperative Pain at Minimum 2 Years After Arthroscopic Treatment of Femoroacetabular Impingement. **2019**, 47, 552-559	30
446	Return to Dance and Predictors of Outcome After Hip Arthroscopy for Femoroacetabular Impingement Syndrome. **2019**, 35, 1101-1108.e3	19

445	What is the Prevalence of Hip Intra-Articular Pathologies and Osteoarthritis in Active Athletes with Hip and Groin Pain Compared with Those Without? A Systematic Review and Meta-Analysis. **2019**, 49, 951-972	11
444	Démembrement des pathologies chroniques de la hanche du sportif. **2019**, 36, 40-54	1
443	Patients With Unilateral Femoroacetabular Impingement Syndrome Have Asymmetrical Hip Muscle Cross-Sectional Area and Compensatory Muscle Changes Associated With Preoperative Pain Level. **2019**, 35, 1445-1453	13
442	Arthroscopic hip surgery compared with physiotherapy and activity modification for the treatment of symptomatic femoroacetabular impingement: multicentre randomised controlled trial. **2019**, 364, l185	114
441	Strength and range of movement deficits are associated with symptom severity in people scheduled for hip arthroscopy. **2019**, 23, 1083-1090	4
440	The clinical presentation, diagnosis and pathogenesis of symptomatic sports-related femoroacetabular impingement (SRFAI) in a consecutive series of 1021 athletic hips. **2019**, 29, 665-673	17
439	ASSESSING MOVEMENT QUALITY USING THE HIP AND LOWER LIMB MOVEMENT SCREEN: DEVELOPMENT, RELIABILITY AND POTENTIAL APPLICATIONS. **2019**, 22, 1950008	1
438	Return to Pilates following hip arthroscopy for treatment of femoroacetabular impingement syndrome. **2019**,	2
437	Concurrent validity of a patient self-administered examination and a clinical examination for femoroacetabular impingement syndrome. **2019**, 5, e000574	16
436	Exploring Nonoperative Exercise Interventions for Individuals with Femoroacetabular Impingement. **2019**, 23, 22-30	2
435	CAM-type femoroacetabular impingement in male elite junior cross-country skiers and non-athlete controls: a cross-sectional MRI study. **2019**, 5, e000530	7
434	Femoroacetabular Impingement. **2019**, 29, 100735	
433	Is There an Association Between Preoperative Expectations and Patient-Reported Outcome After Hip Arthroscopy for Femoroacetabular Impingement Syndrome?. **2019**, 35, 3250-3258.e1	8
432	Functional and Clinical Outcomes of Patients Undergoing Revision Hip Arthroscopy With Borderline Hip Dysplasia at 2-Year Follow-up. **2019**, 35, 3240-3247	10
431	Which Two-dimensional Radiographic Measurements of Cam Femoroacetabular Impingement Best Describe the Three-dimensional Shape of the Proximal Femur?. **2019**, 477, 242-253	20
430	Femoroacetabular Impingement: Why Movement Literacy Matters. **2019**, 41, 20-27	2
429	An Anatomical Study of the Anterosuperior Capsular Attachment Site on the Acetabulum. **2019**, 101, 1554-1562	10
428	Single Table Concomitant Post-Less Hip Arthroscopy Combined with Periacetabular Osteotomy for Hip Dysplasia. **2019**, 8, e1569-e1578	4

427	Use of Biologics as an Adjunct Therapy to Arthroscopic Surgery for the Treatment of Femoroacetabular Impingement: A Systematic Review. **2019**, 7, 2325967119890673		4
426	Hip joint muscle forces during gait in patients with femoroacetabular impingement syndrome are associated with patient reported outcomes and cartilage composition. **2019**, 84, 138-146		14
425	The prevalence of cam hip morphology in a general population sample. **2019**, 27, 444-448		6
424	Is hip muscle strength normalised in patients with femoroacetabular impingement syndrome one year after surgery?: Results from the HAFAI cohort. **2019**, 22, 413-419		15
423	Persistent or recurrent symptoms after arthroscopic surgery for femoroacetabular impingement: A review of imaging findings. **2019**, 63, 15-24		13
422	Cam morphology in young male football players mostly develops before proximal femoral growth plate closure: a prospective study with 5-yearfollow-up. *British Journal of Sports Medicine*, **2019**, 53, 532-538	10.3	27
421	Accuracy of Clinical and Imaging Tests for the Diagnosis of Hip Dysplasia and Instability: A Systematic Review. **2019**, 49, 87-97		2
420	Relationship Between Hip Morphology and Hip-Related Patient-Reported Outcomes in Young and Middle-Aged Individuals: A Population-Based Study. **2019**, 71, 1202-1208		4
419	Associations between type and severity of hip pathology with pre-operative patient reported outcome measures. **2019**, 23, 402-411		5
418	Return to Sport Rates in Physically Active Individuals 6 Months After Arthroscopy for Femoroacetabular Impingement Syndrome. **2019**, 28, 570-575		4
417	Hip and groin time-loss injuries decreased slightly but injury burden remained constant in men's professional football: the 15-year prospective UEFA Elite Club Injury Study. *British Journal of Sports Medicine*, **2019**, 53, 539-546	10.3	40
416	Danish Hip Arthroscopy Registry: predictors of outcome in patients with femoroacetabular impingement (FAI). **2019**, 27, 3110-3120		27
415	Hip muscle weakness and reduced joint range of motion in patients with femoroacetabular impingement syndrome: a case-control study. **2020**, 24, 39-45		9
414	Young elite Alpine and Mogul skiers have a higher prevalence of cam morphology than non-athletes. **2020**, 28, 1262-1269		7
413	Total volume of cam deformity alone predicts outcome in arthroscopy for femoroacetabular impingement. **2020**, 28, 1283-1289		5
412	Despite patient-reported outcomes improve, patients with femoroacetabular impingement syndrome do not increase their objectively measured sport and physical activity level 1 year after hip arthroscopic surgery. Results from the HAFAI cohort. **2020**, 28, 1639-1647		12
411	Resolving anterior hip pain in a young male footballer following arthroscopic surgery for Femoroacetabular Impingement Syndrome: A´case report. **2020**, 24, 63-68		
410	The evolution of femoroacetabular impingement surgical management as a model for introducing new surgical techniques. **2020**, 28, 1333-1340		2

409	Good 5-year outcomes after arthroscopic treatment for femoroacetabular impingement syndrome. **2020**, 28, 1311-1316		25
408	Are Hip Physical Examination Findings Predictive of Future Lower-Body Injury Rates in Elite Adolescent Female Soccer Athletes at Minimum 5-Year Follow-Up?. **2020**, 29, 476-482		3
407	Epidemiology of hip and groin injuries in Swedish male first football league. **2020**, 28, 1325-1332		4
406	[Diagnostic algorithm "FAI and sports hernia" : Results of the consensus meeting for groin pain in athletes]. **2020**, 49, 211-217		3
405	Arthroscopic correction of femoroacetabular impingement improves athletic performance in male athletes. **2020**, 28, 2285-2294		6
404	In Vivo Pelvic and Hip Joint Kinematics in Patients With Cam Femoroacetabular Impingement Syndrome: A Dual Fluoroscopy Study. **2020**, 38, 823-833		8
403	Preoperative Duration of Symptoms Is Associated With Outcomes 5 Years After Hip Arthroscopy for Femoroacetabular Impingement Syndrome. **2020**, 36, 1022-1029		9
402	The Prevalence of Radiographic Findings of Structural Hip Deformities for Femoroacetabular Impingement in Patients With Hip Pain. **2020**, 48, 647-653		14
401	Two-Year Patient-Reported Outcomes for Patients Undergoing Revision Hip Arthroscopy with Capsular Incompetency. **2020**, 36, 127-136		15
400	Editorial Commentary: A Commentary on a Meta-analysis of Short-Term Outcomes. **2020**, 36, 274-276		2
399	Standardised measurement of physical capacity in young and middle-aged active adults with hip-related pain: recommendations from the first International Hip-related Pain Research Network (IHiPRN) meeting, Zurich, 2018. *British Journal of Sports Medicine*, **2020**, 54, 702-710	10.3	12
398	Physiotherapist-led treatment for young to middle-aged active adults with hip-related pain: consensus recommendations from the International Hip-related Pain Research Network, Zurich 2018. *British Journal of Sports Medicine*, **2020**, 54, 504-511	10.3	18
397	High prevalence of hip and groin problems in professional ice hockey players, regardless of playing position. **2020**, 28, 2302-2308		11
396	Comparing Outcomes of Competitive Athletes Versus Nonathletes Undergoing Hip Arthroscopy for Treatment of Femoroacetabular Impingement Syndrome. **2020**, 48, 159-166		17
395	Differences between race and sex in measures of hip morphology: a population-based comparative study. **2020**, 28, 189-200		13
394	Physiotherapy as an Initial Treatment Option for Femoroacetabular Impingement: A Systematic Review of the Literature and Meta-analysis of 5 Randomized Controlled Trials. **2020**, 48, 2042-2050		9
393	Altered gait mechanics are associated with severity of chondropathy after hip arthroscopy for femoroacetabular impingement syndrome. **2020**, 77, 175-181		4
392	Defining Meaningful Functional Improvement on the Visual Analog Scale for Satisfaction at 2 Years After Hip Arthroscopy for Femoroacetabular Impingement Syndrome. **2020**, 36, 734-742.e2		21

391	Short term outcomes of hip arthroscopy on hip joint mechanics and cartilage health in patients with femoroacetabular impingement syndrome. **2020**, 71, 214-220	9
390	Best Practice Guidelines for Hip Arthroscopy in Femoroacetabular Impingement: Results of a Delphi Process. **2020**, 28, 81-89	28
389	Application of Machine Learning for Predicting Clinically Meaningful Outcome After Arthroscopic Femoroacetabular Impingement Surgery. **2020**, 48, 415-423	22
388	The Influence of Lumbosacral Spine Pathology on Minimum 2-Year Outcome After Hip Arthroscopy: A Nested Case-Control Analysis. **2020**, 48, 403-408	7
387	Pathomechanics Underlying Femoroacetabular Impingement Syndrome: Theoretical Framework to Inform Clinical Practice. **2020**, 100, 788-797	7
386	The prevalence of femoroacetabular impingement anatomy in Division 1 aquatic athletes who tread water. **2020**, 7, 233-241	5
385	Does failure to meet threshold scores for mHHS and iHOT-12 correlate to´secondary operations following hip arthroscopy?. **2020**, 7, 272-280	5
384	CORR Insights : What Is the Survivorship After Hip Arthroscopy for Femoroacetabular Impingement? A Large-database Study. **2020**, 478, 2274-2276	
383	Hip pain and its correlation with cam morphology in young skiers-a minimum of 5 years follow-up. **2020**, 15, 444	1
382	Teamwork in hip preservation: the ISHA 2019 Annual Scientific Meeting. **2020**, 7, 2-21	3
381	Femoroacetabular Impingement and Acetabular Labral Tears - Part 1: Pathophysiology and Biomechanics. **2020**, 55, 518-522	1
380	Does hip preservation surgery prevent arthroplasty? Quantifying the rate of conversion to arthroplasty following hip preservation surgery. **2020**, 7, 168-182	12
379	Rate of Surgery and Baseline Characteristics Associated With Surgery Progression in Young Athletes With Prearthritic Hip Disorders. **2020**, 8, 2325967120969863	1
378	Traitement des conflits fémoro-acétabulaires par arthroscopie versus mini voie d'abord antérieure : étude cas témoin d'une série continue de 91 cas avec un suivi moyen de 4,6 ans. **2020**, 106, 998-1004	1
377	The Hip Suction Seal, Part II: The Effect of Rim Trimming, Chondrolabral Junction Separation, and Labral Repair/Refixation on Hip Distractive Stability. **2020**, 48, 2733-2739	5
376	Pericapsular hip muscle activity in people with and without femoroacetabular impingement. A comparison in dynamic tasks. **2020**, 45, 135-144	3
375	The Effect of Postoperative Opioid Prescription Refills on Achieving Meaningful Clinical Outcomes After Hip Arthroscopy for Femoroacetabular Impingement Syndrome. **2020**, 36, 1599-1607	10
374	Relationship between cam morphology, hip symptoms, and hip osteoarthritis: the Musculoskeletal pain in Ullersaker STudy (MUST) cohort. **2021**, 31, 789-796	2

373	Musculoskeletal Issues and Care Specific to the Female Athlete. **2020**, 8, 249-259	
372	Evaluation and Treatment of Femoroacetabular Impingement and Hip Dysplasia in the Young Adult Population. **2020**, 8, e20.00001-e20.00001	
371	Femoroacetabular Impingement: Anatomy and Pathogenesis. **2020**,	
370	Classifying Cam Morphology by the Alpha Angle: A Systematic Review on Threshold Values. **2020**, 8, 2325967120938312	27
369	Femoroacetabular Impingement and Acetabular Labral Tears - Part 2: Clinical Diagnosis, Physical Examination and Imaging. **2020**, 55, 523-531	1
368	Patient-Reported Outcomes Measurement Information System Physical Function Has a Lower Effect Size and is Less Responsive Than Legacy Hip Specific Patient Reported Outcome Measures Following Arthroscopic Hip Surgery. **2020**, 36, 2992-2997	8
367	Advances in FAI Imaging: a Focused Review. **2020**, 13, 622-640	3
366	Femoroacetabular Impingement Syndrome. **2020**, 19, 360-366	9
365	The Danish Hip Arthroscopy Registry: Registration Completeness and Patient Characteristics Between Responders and Non-Responders. **2020**, 12, 825-833	5
364	Risk Factors for Long-term Hip Osteoarthritis in Patients With Femoroacetabular Impingement Without Surgical Intervention. **2020**, 48, 2881-2886	7
363	Epidemiology of Traumatic and Overuse Injuries in Swiss Professional Male Ice Hockey Players. **2020**, 8, 2325967120964720	7
362	Treatment of femoroacetabular impingement by arthroscopy versus anterior mini-open approach: Case-control study of a continuous series of 91 cases at a mean 4.6 years' follow-up. **2020**, 106, 1575-1580	3
361	Update on Evidence-Based Diagnosis and Treatment of Acetabular Labral Tears. **2020**, 8, 342-353	
360	Arthroscopy versus nonoperative treatment of symptomatic femoroacetabular impingement syndrome: A protocol for systematic review and meta-analysis. **2020**, 99, e23247	2
359	Prevalence of Femoroacetabular Impingement Syndrome among Young and Middle-aged White Adults. **2020**, 47, 1440-1445	6
358	Return to Sport After Hip Arthroscopy for Femoroacetabular Impingement Syndrome: a Comprehensive Review of Qualitative Considerations. **2020**, 13, 435-441	3
357	Improving function in people with hip-related pain: a systematic review and meta-analysis of physiotherapist-led interventions for hip-related pain. *British Journal of Sports Medicine*, **2020**, 54, 1382-1394	17
356	Arthroscopic surgery versus physiotherapy for femoroacetabular impingement: a meta-analysis study. **2020**, 30, 1151-1162	11

355	Preoperative Hip Extension Strength Is an Independent Predictor of Achieving Clinically Significant Outcomes After Hip Arthroscopy for Femoroacetabular Impingement Syndrome. **2020**, 12, 361-372		6
354	The Lisbon Agreement on Femoroacetabular Impingement Imaging-part 1: overview. **2020**, 30, 5281-5297		24
353	The Stanford Hall consensus statement for post-COVID-19 rehabilitation. *British Journal of Sports Medicine*, **2020**, 54, 949-959	10.3	213
352	Patients With Borderline Hip Dysplasia Achieve Clinically Significant Improvement After Arthroscopic Femoroacetabular Impingement Surgery: A Case-Control Study With a Minimum 5-Year Follow-up. **2020**, 48, 1616-1624		10
351	Squat and gait biomechanics 6 months following hip arthroscopy for femoroacetabular impingement syndrome. **2020**, 7, 27-37		4
350	Leg dominance as a risk factor for femoroacetabular impingement syndrome. **2020**, 7, 22-26		2
349	Diagnostic accuracy of clinical tests for cam or pincer morphology in individuals with suspected FAI syndrome: a systematic review. **2020**, 6, e000772		7
348	Outcomes of Hip Arthroscopy for Femoroacetabular Impingement in Chinese Patients Aged 50 Years or Older. **2020**, 12, 843-851		5
347	Running with Femoral Acetabular Impingement: Operative Vs Nonoperative Treatment. **2020**, 12, 817-822		0
346	The Response of Hip Joint Cartilage to Exercise in Children: An MRI Study Using T2-Mapping. **2020**, 194760352093118		
345	Physical therapy management of a patient with persistent groin pain after total hip arthroplasty and iliopsoas tenotomy: a case report. **2020**, 1-11		1
344	Return to Sport After Hip Arthroscopy for Femoroacetabular Impingement Syndrome in NCAA Division I Athletes: Experience at a Single Institution. **2020**, 8, 2325967120918383		9
343	Reliability of hip range of motion measurement among experienced arthroscopic hip preservation surgeons. **2020**, 7, 77-84		3
342	Travel Distance Does Not Affect Outcomes in Hip Preservation Surgery: A Case for Centers of Excellence. **2020**, 8, 2325967120908821		4
341	Defining the Clinically Meaningful Outcomes for Arthroscopic Treatment of Femoroacetabular Impingement Syndrome at Minimum 5-Year Follow-up. **2020**, 48, 901-907		53
340	Return to Sport After Femoroacetabular Impingement Surgery and Sport-Specific Considerations: a Comprehensive Review. **2020**, 13, 213-219		7
339	Physical Therapists and Physicians Evaluate Nonarthritic Hip Disease Differently: Results From a National Survey. **2020**, 100, 917-932		2
338	Five-Year Outcomes After Arthroscopic Surgery for Femoroacetabular Impingement Syndrome in Elite Athletes. **2020**, 48, 1416-1422		13

337	The relationship between cam morphology and hip and groin symptoms and signs in young male football players. **2020**, 30, 1221-1231		13
336	Labral calcification plays a key role in hip pain and symptoms in femoroacetabular impingement. **2020**, 15, 86		8
335	Risk of intra-articular hip injury in adolescent athletes: a five-year multicentre cohort study. **2020**, 44, 1965-1969		0
334	Biomechanics during cross-body lunging in individuals with and without painful cam and/or pincer morphology. **2020**, 76, 105030		1
333	Gender-Specific Sexual Activity After Hip Arthroscopy for Femoroacetabular Impingement Syndrome: Position Matters. **2020**, 17, 658-664		0
332	Clinical and Radiographic Aspects of Patients with Femoroacetabular Impingement Syndrome: Is There Difference between Symptomatic and Asymptomatic Hip?. **2020**, 55, 247-253		
331	Factors Associated with Initial Interest and Treatment Selection in Patients with Femoroacetabular Impingement Syndrome. **2020**, 12, 1227-1235		3
330	Sleep quality and nocturnal pain in patients with femoroacetabular impingement and acetabular dysplasia. **2020**, 21, 134		4
329	Consensus recommendations on the classification, definition and diagnostic criteria of hip-related pain in young and middle-aged active adults from the International Hip-related Pain Research Network, Zurich 2018. *British Journal of Sports Medicine*, **2020**, 54, 631-641	10.3	39
328	Hip Arthroscopy for Cam-type Femoroacetabular Impingement. **2020**, 30, 100778		
327	Unpicking observational relationships between hip shape and osteoarthritis: hype or hope?. **2020**, 32, 110-118		2
326	Defining the Minimal Clinically Important Difference in Athletes Undergoing Arthroscopic Correction of Sports-Related Femoroacetabular Impingement: The Percentage of Possible Improvement. **2020**, 8, 2325967119894747		10
325	Hip muscle strength asymmetries and their associations with hip morphology and symptoms are sex-specific in patients with femoroacetabular impingement syndrome. **2020**, 42, 131-138		6
324	Location of Intra- and Extra-articular Hip Impingement Is Different in Patients With Pincer-Type and Mixed-Type Femoroacetabular Impingement Due to Acetabular Retroversion or Protrusio Acetabuli on 3D CT-Based Impingement Simulation. **2020**, 48, 661-672		17
323	ESSKA Instructional Course Lecture Book. **2020**,		
322	Sex-specific sagittal and frontal plane gait mechanics in persons post-hip arthroscopy for femoroacetabular impingement syndrome. **2020**, 38, 2443-2453		7
321	Combining results from hip impingement and range of motion tests can increase diagnostic accuracy in patients with FAI syndrome. **2020**, 28, 3382-3392		12
320	What is the Role of Kinesiophobia and Pain Catastrophizing in Outcomes After Hip Arthroscopy for Femoroacetabular Impingement Syndrome?. **2020**, 2, e97-e104		5

319	No association between femoral or acetabular angles and patient-reported outcomes in patients with femoroacetabular impingement syndrome-results from the HAFAI cohort. **2020**, 7, 242-248		4
318	The effectiveness of hip arthroscopic surgery for the treatment of femoroacetabular impingement syndrome: A systematic review and meta-analysis. **2021**, 24, 21-29		4
317	Surgery is no more effective than conservative treatment for Femoroacetabular impingement syndrome: Systematic review and meta-analysis of randomized controlled trials. **2021**, 35, 332-341		8
316	Clinical outcomes after revision hip arthroscopy in patients with femoroacetabular impingement syndrome (FAIS) are inferior compared to primary procedures. Results from the Danish Hip Arthroscopy Registry (DHAR). **2021**, 29, 1340-1348		8
315	Can We Identify Why Athletes Fail to Return to Sport After Hip Arthroscopy for Femoroacetabular Impingement Syndrome? A Systematic Review and Meta-analysis. **2021**, 49, 1651-1658		8
314	Do currently prescribed exercises reflect contributing pathomechanics associated with femoroacetabular impingement syndrome? A scoping review. **2021**, 47, 127-133		2
313	The Influence of Body Mass Index on Outcomes After Hip Arthroscopy for Femoroacetabular Impingement Syndrome: Five-Year Results in 140 Patients. **2021**, 49, 90-96		6
312	Incidence of Femoroacetabular Impingement and Surgical Management Trends Over Time. **2021**, 49, 35-41		15
311	Now you see it - Now you don't: A letter to the editor concerning "Surgery is no more effective than conservative treatment for femoroacetabular impingement syndrome: Systematic review and meta-analysis of randomized controlled trials". **2021**, 35, 464-466		
310	Answer letter for: "Now you see it - Now you don't: A letter to the editor concerning "Surgery is no more effective than conservative treatment for femoroacetabular impingement syndrome: Systematic review and meta-analysis of randomized controlled trials". **2021**, 35, 467-468		0
309	Treatment of Labral Calcification in the Setting of Femoroacetabular Impingement Syndrome With Arthroscopic Calcification Excision, Labral Repair, and Osteoplasty Improves Outcomes. **2021**, 37, 554-563		3
308	Infographic. Consensus recommendations on the classification, definition and diagnostic criteria of hip-related pain in young and middle-aged active adults from the International Hip-related Pain Research Network, Zurich 2018. *British Journal of Sports Medicine*, **2021**, 55, 115-117	10.3	1
307	Osteochondroplasty and Labral Repair for the Treatment of Young Adults With Femoroacetabular Impingement: A Randomized Controlled Trial. **2021**, 49, 25-34		16
306	The Use of Biologics for Hip Preservation. **2021**, 14, 145-154		1
305	Bone Endoscopy and Endoscopic Bony Procedures Around the Hip. **2021**, 127-150		
304	Current Concepts in the Management of Femoroacetabular Impingement. **2021**, 115-124		
303	The Lisbon Agreement on femoroacetabular impingement imaging-part 2: general issues, parameters, and reporting. **2021**, 31, 4634-4651		7
302	Midterm Outcomes and Satisfaction After Hip Arthroscopy Are Associated With Postoperative Rehabilitation Factors. **2021**, 9, 2325967120981888		2

301	Medium-term results of arthroscopic treatment for femoroacetabular impingement. **2021**, 138, 68-84	1
300	MRI-based 3D models of the hip joint enables radiation-free computer-assisted planning of periacetabular osteotomy for treatment of hip dysplasia using deep learning for automatic segmentation. **2021**, 8, 100303	10
299	Bassin et hanche. **2021**, 131-150	
298	Hip and Groin Injury Prevention in Elite Athletes and Team Sport - Current Challenges and Opportunities. **2021**, 16, 270-281	2
297	Defining the Clinically Meaningful Outcomes for Arthroscopic Treatment of Femoroacetabular Impingement Syndrome at Minimum 10-Year Follow-up: The Timing of Surgery Is Crucial. **2021**, 9, 2325967120985140	5
296	An approach to hip pain in a young adult. *British Journal of Sports Medicine*, **2021**, 55, 290-294	10.3
295	Letter to the Editor of RECOT. «Functional outcomes and eight-year survival of hip arthroscopy in patients with degenerative hip disease» by D. Torres-Perez et al. **2021**, 66, 154-154	
294	PAPRIKA. **2021**, 139-148	
293	Arthroscopic Management of Femoroacetabular Impingement in Adolescents: A Systematic Review. **2021**, 49, 3708-3715	2
292	Patient experiences of receiving arthroscopic surgery or personalised hip therapy for femoroacetabular impingement in the context of the UK fashion study: a qualitative study. **2021**, 22, 211	0
291	Cost-Effectiveness of Hip Arthroscopy for Treatment of Femoroacetabular Impingement Syndrome and Labral Tears: A Systematic Review. **2021**, 9, 2325967120987538	2
290	Deriving alpha angle from anterior-posterior dual-energy x-ray absorptiometry scans: an automated and validated approach. 6, 60	0
289	Horseback riding is common among female athletes who had arthroscopic treatment for femoroacetabular impingement syndrome. **2021**, 4, 500	
288	Outside-In Capsulotomy of the Hip for Arthroscopic Pincer Resection. **2021**, 10, e615-e620	0
287	Low Self-Efficacy and High Kinesiophobia Are Associated With Worse Function in Patients With Femoroacetabular Impingement Syndrome. **2020**, 30, 445-451	1
286	Best Practices: Hip Femoroacetabular Impingement. **2021**, 216, 585-598	5
285	The Role of Hip Joint Clearance Discrepancy as Other Clinical Predictor of Reinjury and Injury Severity in Hamstring Tears in Elite Athletes. **2021**, 10,	0
284	Comparing Patient-Reported Outcome Measurements for Femoroacetabular Impingement Syndrome. **2021**, 49, 1578-1588	3

283	The Size and Prevalence of Bony Hip Morphology Do Not Differ Between Football Players With and Without Hip and/or Groin Pain: Findings From the FORCe Cohort. **2021**, 51, 115-125	8
282	Arthroscopic Correction of Sports-Related Femoroacetabular Impingement in Competitive Athletes: 2-Year Clinical Outcome and Predictors for Achieving Minimal Clinically Important Difference. **2021**, 9, 2325967121989675	5
281	Association between severity of hip chondrolabral injuries, dynamic hip muscle strength and quality of life: A cross-sectional study in patients with femoroacetabular impingement syndrome scheduled for hip arthroscopy. **2021**, 84, 105348	1
280	Arthroscopic Correction of Femoroacetabular Impingement for Concomitant Inguinal Disruption in Athletes With Dual Pathology. **2021**, 49, 1741-1749	
279	How Many Patients Achieve an Acceptable Symptom State After Hip Arthroscopy for Femoroacetabular Impingement Syndrome? A Cross-sectional Study Including PASS Cutoff Values for the HAGOS and iHOT-33. **2021**, 9, 2325967121995267	6
278	Physiotherapist-led treatment for femoroacetabular impingement syndrome (the PhysioFIRST study): a protocol for a participant and assessor-blinded randomised controlled trial. **2021**, 11, e041742	3
277	Evaluation of outcome reporting trends for femoroacetabular impingement syndrome- a systematic review. **2021**, 8, 33	1
276	Hip joint space width in an asymptomatic population: Computed tomography analysis according to femoroacetabular impingement morphologies. **2021**, 24, 14-22	
275	Hip Dysplasia. **2021**, 40, 271-288	2
274	Repeat Revision Hip Arthroscopy Outcomes Match That of Initial Revision But Not That of Primary Surgery for Femoroacetabular Impingement Syndrome. **2021**, 37, 3434-3441	2
273	Editorial Commentary: Personalized Hip Arthroscopy Outcome Prediction Using Machine Learning-The Future Is Here. **2021**, 37, 1498-1502	0
272	Maximal hip muscle strength and rate of torque development 6-30 months after hip arthroscopy for femoroacetabular impingement syndrome: A cross-sectional study. **2021**, 24, 1110-1115	3
271	The Effect of Perioperative Ketorolac Administration on Opioid Use After Hip Arthroscopy. **2021**, 44, e417-e421	0
270	Six Meta-analyses on Treatments for Femoroacetabular Impingement Syndrome in a Year and Readers Are None the Wiser: Methods Advice for Researchers Planning Meta-analysis of Data From Fewer Than 5 Trials. **2021**, 51, 201-203	3
269	Femoroacetabular Impingement (FAI): Counterpoint-Do Not Equate FAI Morphology With FAI Syndrome. **2021**, 217, 1297-1298	
268	Rapid decline of yearly number of hip arthroscopies in Sweden: a retrospective time series of 6,105 hip arthroscopies based on a national patient data register. **2021**, 92, 562-567	0
267	Posterior Extra-articular Ischiofemoral Impingement Can Be Caused by the Lesser and Greater Trochanter in Patients With Increased Femoral Version: Dynamic 3D CT-Based Hip Impingement Simulation of a Modified FABER Test. **2021**, 9, 2325967121990629	9
266	Hip Arthroscopy for Femoroacetabular Impingement Syndrome in Adolescents Provides Clinically Significant Outcome Benefit at Minimum 5-Year Follow-Up. **2021**, 37, 1467-1473.e2	3

265	Hip Strength Before and After Arthroscopic Femoroacetabular Impingement Surgery. **2021**, 44, 148-153	0
264	Prevalence of low back pain and related disability in patients with femoroacetabular impingement syndrome. **2021**,	0
263	Influence of simulated hip muscle weakness on hip joint forces during deep squatting. **2021**, 39, 2289-2297	0
262	Femoroacetabular Impingement (FAI): Current Clinical Approaches. **2021**, 9, 70-78	0
261	Acute Groin Pain Syndrome Due to Internal Obturator Muscle Injury in a Professional Football Player. **2019**, 7, 205-208	1
260	Dynamic Assessment of Femoroacetabular Impingement Syndrome Hips. **2021**,	0
259	Endoscopic Iliotibial Band Release During Hip Arthroscopy for Femoroacetabular Impingement Syndrome and External Snapping Hip Had Better Patient-Reported Outcomes: A Retrospective Comparative Study. **2021**, 37, 1845-1852	6
258	3D MRI of the Hip Joint: Technical Considerations, Advantages, Applications, and Current Perspectives. **2021**, 25, 488-500	1
257	Complete Capsular Closure Provides Higher Rates of Clinically Significant Outcome Improvement and Higher Survivorship Versus Partial Closure After Hip Arthroscopy at Minimum 5-Year Follow-Up. **2021**, 37, 1833-1842	2
256	The Key Parts of Hip Arthroscopy for Femoroacetabular Impingement Syndrome: Implications for the Learning Curve. **2021**, 9, 23259671211018703	3
255	Use of Younger Patient Age and Greater Anterior Center-Edge Angle to Predict the Need for Bilateral Hip Arthroscopy in Patients With Bilateral Femoroacetabular Impingement-Related Hip Pain. **2021**, 49, 2110-2116	1
254	D□membrement des pathologies aigu□s de la hanche du sportif. **2021**, 38, 84-93	
253	A Current Update on Pelvifemoral Conditions That Should be in the Differential Diagnosis for Patients With Lower Extremity Radiculopathy. **2021**, 34, 206-215	
252	Defining Clinically Significant Improvement on the Patient-Reported Outcomes Measurement Information System Test at 1-Year Follow-up for Patients Undergoing Hip Arthroscopy for the Treatment of Femoroacetabular Impingement Syndrome. **2021**, 49, 2457-2465	1
251	3D MRI Models of the Musculoskeletal System. **2021**, 25, 388-396	1
250	Arthroscopic Treatment for Femoroacetabular Impingement Syndrome with External Snapping Hip: A Comparison Study of Matched Case Series. **2021**, 13, 1730-1738	2
249	La pubalgie du sportif, de la pr□vention au retour au sport´: revue narrative et implications cliniques. **2021**, 21, 35-47	
248	Response to "Letter to the Editor on 'Altered gait mechanics are associated with severity of chondropathy after hip arthroscopy for femoroacetabular impingement' by Brown-Taylor L, Wilson J, McNally M, et al. (Gait Posture 2020; 77: 175-181)". **2021**, 88, 238-239	

247	Primary cam morphology; bump, burden or bog-standard? A concept analysis. *British Journal of Sports Medicine*, **2021**, 55, 1212-1221	10.3	0
246	MRI-- and CT--based metrics for the quantification of arthroscopic bone resections in femoroacetabular impingement syndrome. **2021**,		2
245	Minimum 2-Year Functional Outcomes of Patients Undergoing Capsular Autograft Hip Labral Reconstruction. **2021**, 49, 2659-2667		0
244	A Delphi survey and international e-survey evaluating the Doha agreement meeting classification system in groin pain: Where are we 5 years later?. **2022**, 25, 3-8		1
243	The Validity, Reliability, and Responsiveness of the International Hip Outcome Tool-33 (iHOT-33) in Patients With Hip and Groin Pain Treated Without Surgery. **2021**, 49, 2677-2688		4
242	Arthroscopic Hip Surgery versus Conservative Therapy on Femoroacetabular Impingement Syndrome: A Meta-Analysis of RCTs. **2021**, 13, 1755-1764		1
241	Effect of Baseline Mental Health on 1-Year Outcomes After Hip Arthroscopy: A Prospective Cohort Study. **2021**, 9, 23259671211025526		3
240	'Mini-Max' knotless acetabular labrum repair: repair construct rationale and allocation in a consecutive case series with minimum 1-year clinical outcomes.. **2021**, 8, 261-269		
239	Radiographic Cam Morphology of the Hip May Be Associated with ACL Injury of the Knee: A Case-Control Study. **2021**, 3, e1165-e1170		0
238	Movement Patterns and Their Associations With Pain, Function, and Hip Morphology in Individuals With Femoroacetabular Impingement Syndrome: A Scoping Review. **2021**, 101,		1
237	Publication Trends and Hot Spots in Femoroacetabular Impingement Research: A 20-Year Bibliometric Analysis. **2021**, 36, 2698-2707		4
236	Patient-Reported Outcomes Measurement Information System Test Is Less Responsive Than Legacy Hip-Specific Patient-Reported Outcome Measures in Patients Undergoing Arthroscopy for Femoroacetabular Impingement Syndrome.. **2021**, 3, e1645-e1650		0
235	Treatment decisions after interdisciplinary evaluation for nonarthritic hip pain: A randomized controlled trial. **2021**,		
234	Pain Catastrophizing and Kinesiophobia Affect Return to Sport in Patients Undergoing Hip Arthroscopy for the Treatment of Femoroacetabular Impingement. **2021**, 3, e1087-e1095		0
233	Hip Joint Kinematic Covariation During Gait Before and 1-Year After Hip Arthroscopic Surgery for Femoroacetabular Impingement Syndrome. **2021**, 8, 614329		
232	Impaired Lower Extremity Biomechanics, Hip External Rotation Muscle Weakness, and Proximal Femoral Morphology Predict Impaired Single-Leg Squat Performance in People With FAI Syndrome. **2021**, 49, 2984-2993		2
231	Does Daily Physical Activity Differ Between Patients with Femoroacetabular Impingement Syndrome and Patients with Hip Dysplasia? A Cross-Sectional Study in 157 Patients and 60 Healthy Volunteers. **2021**, 16, 1084-1092		2
230	Gender and Age-Specific Differences Observed in Rates of Achieving Meaningful Clinical Outcomes 5-Years After Hip Arthroscopy for Femoroacetabular Impingement Syndrome. **2021**, 37, 2488-2496.e1		2

229	Cam Morphology Is Associated with Increased Femoral Version: Findings from a Collection of 1,321 Cadaveric Femurs. **2021**,		0
228	Cam morphology but neither acetabular dysplasia nor pincer morphology is associated with osteophytosis throughout the hip: findings from a cross-sectional study in UK Biobank. **2021**, 29, 1521-1529		0
227	Individuals With Pre-arthritic Hip Pain Walk With Hip Motion Alterations Common in Individuals With Hip OA. **2021**, 3, 719097		1
226	Utility of Ultrasound-Guided Anesthetic Intra-articular Injection to Estimate the Outcome of Hip Arthroscopy in Patients with Femoroacetabular Impingement Syndrome. **2021**, 13, 1810-1817		0
225	Which hip morphology measures and patient factors are associated with age of onset and symptom severity in femoroacetabular impingement syndrome?. **2021**, 11207000211038550		1
224	Collection of the International Hip Outcome Tool-12 Using a Smartphone Application Format Is Faster and Preferred When Compared With the Paper Version: A Pilot Study of rHip. **2021**, 3, e1401-e1405		
223	Hip Arthroscopy for Femoroacetabular Impingement Syndrome Results in 2 Recovery Patterns Based on Preoperative Pain and on Arthritis: Improvers and Non-improvers. **2021**, 3, e1481-e1490		1
222	Comparison between movement pattern training and strengthening on muscle volume, muscle fat, and strength in patients with hip-related groin pain: An exploratory analysis. **2021**,		0
221	Femoroacetabular Impingement and Labral Tear: From the Most Highly Cited Articles to Research Interests. **2021**, 13, 1922-1933		
220	Femoroacetabular impingement syndrome and labral injuries: grading the evidence on diagnosis and non-operative treatment-a statement paper commissioned by the Danish Society of Sports Physical Therapy (DSSF). *British Journal of Sports Medicine*, **2021**, 55, 1301-1310	10.3	1
219	Physical impairments in longstanding hip and groin pain: Cross-sectional comparison of patients with hip-related pain or non-hip-related groin pain and healthy controls. **2021**, 52, 224-233		2
218	Can a Hip Brace Improve Short-Term Hip-Related Quality of Life for People With Femoroacetabular Impingement and Acetabular Labral Tears: An Exploratory Randomized Trial. **2021**,		1
217	High rate of return to tennis after hip arthroscopy for patients with femoroacetabular impingement syndrome. **2021**, 51, 45-49		0
216	A longitudinal cohort study of adolescent elite footballers and controls investigating the development of cam morphology. **2021**, 11, 18567		1
215	Hip joint range of motion is restricted by pain rather than mechanical impingement in individuals with femoroacetabular impingement syndrome. **2021**, 1		0
214	Less hip range of motion is associated with a greater alpha angle in people with longstanding hip and groin pain. **2021**, 29, 4091-4099		1
213	Revision Hip Arthroscopy in High-Level Athletes: Minimum 2-Year Outcomes Comparison to a Propensity-Matched Primary Hip Arthroscopy Control Group. **2021**, 49, 3582-3591		1
212	Hip muscle activity in male football players with hip-related pain; a comparison with asymptomatic controls during walking. **2021**, 52, 209-216		1

211	Diagnostic Accuracy of Clinical Tests and Imaging Exams for Femoroacetabular Impingement: An Umbrella Review of Systematic Reviews. **2021**,		
210	How does hip osteoarthritis differ from knee osteoarthritis?. **2021**,		1
209	Outcomes following surgical management of femoroacetabular impingement: a systematic review and meta-analysis of different surgical techniques. **2021**, 10, 574-590		3
208	Hip Arthroscopy With and Without A Perineal Post: A´Comparison of Early Postoperative Pain. **2021** , 37, 2840-2845		2
207	The Erector Spinae Plane Block in the Setting of Hip Arthroscopy: A Prospective Randomized Controlled Clinical Trial. **2021**,		0
206	Associations Between Movement Impairments and Function, Treatment Recommendations, and Treatment Plans for People With Femoroacetabular Impingement Syndrome. **2021**, 101,		0
205	The Natural Course of Recovery After Hip Arthroscopy for Femoroacetabular Impingement According to the International Hip Outcome Tool-12 and Hip Outcome Score Sports Subscale. **2021**, 49, 3250-3260		0
204	Hip Disorders in the Female Athlete. **2022**, 139-160		
203	Hip arthroscopy with initial access to the peripheral compartment provides significant improvement in FAI patients. **2021**, 29, 1453-1460		2
202	The Lisbon Agreement on Femoroacetabular Impingement Imaging-part 3: imaging techniques. **2021**, 31, 4652-4668		4
201	1.5 T magnetic resonance imaging generates accurate 3D proximal femoral models: Surgical planning implications for femoroacetabular impingement. **2020**, 38, 2050-2056		16
200	Hip, Pelvis and Sacro-Iliac Joints. **2020**, 353-422		3
199	Evaluation of Statistical Shape Modeling in Quantifying Femoral Morphologic Differences Between Symptomatic and Nonsymptomatic Hips in Patients with Unilateral Femoroacetabular Impingement Syndrome. **2020**, 2, e91-e95		3
198	Consensus statements that fail to recognise dissent are flawed by design: a narrative review with 10 suggested improvements. *British Journal of Sports Medicine*, **2020**,	10.3	4
197	Femoroacetabular impingement: question-driven review of hip joint pathophysiology from asymptomatic skeletal deformity to end-stage osteoarthritis. **2019**, 20, 32		3
196	Low rate of high-level athletes maintained a return to pre-injury sports two years after arthroscopic treatment for femoroacetabular impingement syndrome. **2020**, 7, 44		2
195	An Updated Description of More Than 5,000 Procedures from the Danish Hip Arthroscopy Registry. **2020**, 102, 43-50		2
194	CLINICAL MEASURES OF HIP RANGE OF MOTION DO NOT CORRELATE WITH THE DEGREE OF CAM MORPHOLOGY IN SEMI-ELITE AUSTRALIAN FOOTBALLERS: A CROSS-SECTIONAL STUDY. **2017**, 12, 1078-1086		4

193	THE ROLE of a BIKE FIT in CYCLISTS with HIP PAIN. A CLINICAL COMMENTARY. **2019**, 14, 468-486	6
192	Understanding Painful Hip in Young Adults: A Review Article. **2019**, 31, 129-135	6
191	Functional Outcomes of Arthroscopic Acetabular Labral Repair with and without Bone Marrow Aspirate Concentrate. **2021**,	1
190	Lower pelvic tilt, lower pelvic incidence, and increased external rotation of the iliac wing in patients with femoroacetabular impingement due to acetabular retroversion compared to hip dysplasia. **2021**, 2, 813-824	5
189	Unchanged gait biomechanics following an 8-week home-based exercise program targeting excessive anterior pelvic tilt in patients with symptomatic hip dysplasia. **2021**, 90, 52-53	
188	Correspondence: Isometric hip strength impairments in patients with hip dysplasia are improved but not normalized 1 year after periacetabular osteotomy: a cohort study of 82 patients. **2021**, 92, 760-762	
187	The Italian Consensus Conference on Return to Play After Lower Limb Muscle Injury in Football. **2022**, 1-4	
186	Case Report: Return to Play and Return to Training After Hip Short External Rotator Muscles Injury. **2022**, 155-159	
185	Training Load Monitoring and Improved Movement Literacy-Overlooked Strategies for Femoroacetabular Impingement Syndrome Injury Incidence in Youth Athletes. **2021**, 20, 503-505	
184	Arthroscopic resection as a rapid recovery treatment for Os acetabuli in soccer players who had undergone hip arthroscopy: a case series with 1-year follow-up. **2021**, 1	0
183	Pelvic, Hip, and Thigh Injuries. **2018**, 211-229	
182	Evaluaci□n cl□nica y funcional de la cadera. **2018**, 39, 1-7	
181	Valutazione clinica e funzionale dell□nca. **2018**, 25, 1-6	
180	Outdoor Sports: Winter. **2019**, 553-568	
179	Sex-Related Hip Strength Measures Among Professional Soccer Players. **2021**, 35, 1992-1999	2
178	Mirror Image Modeling of Acetabular Rim Thickness Differences in Patients With Unilateral Femoroacetabular Impingement Syndrome. **2019**, 1, e1-e6	1
177	Hip and Groin Injuries in Basketball. **2020**, 313-331	0
176	A Unique and Characteristic Cam FAI Morphology in Young Patients with Comorbid Inflammatory Conditions. **2020**, 102, 15-21	

175	Evaluation of hip angles with magnetic resonance imaging in femoroacetabular impingement syndrome. **2020**, 3, 225-230	
174	Capsular closure in patients with femoroacetabular impingement syndrome (FAIS): results of a matched-cohort study from the Danish hip arthroscopy registry. **2021**, 7, 474-482	1
173	Rehabilitation of Trunk, Hip and Groin Injuries in Basketball Players. **2020**, 701-710	
172	Advanced Hip Arthroscopy: What's New?. **2020**, 183-210	
171	Incidence of radiographic findings of femoroacetabular impingement in a healthy Egyptian population: a cross-sectional study. **2021**, 32, 32-36	
170	Femoroacetabular Impingement and Core Muscle Injury in Athletes: Diagnosis and Algorithms for Success. **2021**, 29, 9-14	1
169	Hips 2021. **2021**, 49, 21-24	
168	Utilisation of exercise as part of guideline-based care for hip pain in the Australian workers' compensation environment. **2020**, 67, 971-978	0
167	Anatomy, Surgical Management, and Postoperative Outcomes of Acetabular Labral Tears. **2021**, 21-34	
166	Immediate Versus Delayed Hip Arthroscopy for Femoroacetabular Impingement: An Expected Value Decision Analysis. **2020**, 4, e20.00206	1
165	Midterm-clinical Outcomes after Hip Arthroscopy in Middle-aged Patients with Early Osteoarthritis. **2020**, 32, 17-25	1
164	Hüftgelenk und Leiste. **2020**, 75-106	
163	The sporting hip. **2020**, 195-206	
162	Growing bones: Osteochondroses and serious paediatric conditions. **2020**, 389-401	
161	Stress Fractures of the Hip and Femur. **2020**, 217-227	
160	The minimal clinically important difference for the nonarthritic hip score at 2-years following hip arthroscopy. **2021**, 1	2
159	Automated Risk Stratification of Hip Osteoarthritis Development in Patients With Femoroacetabular Impingement Using an Unsupervised Clustering Algorithm: A Study From the Rochester Epidemiology Project. **2021**, 9, 23259671211050613	
158	Association between hip joint impingement and lumbar disc disease in elite rowers. **2021**, 7, e001063	

157	Pincer morphology (femoroacetabular impingement).	
156	Cam morphology (femoroacetabular impingement).	
155	Use of a Hip Spica for Management of an Acetabular Labral Tear in a Female Collegiate Gymnast: A Case Report. **2020**, 25, 242-246	1
154	The Association of Prescriber Awareness of Opioid Consumption Trends with Postoperative Opioid Prescription Volume in Hip Arthroscopy: Prescriber Awareness of Opioid Consumption. **2020**, 2, e481-e487	2
153	A COMBINED TREATMENT APPROACH EMPHASIZING IMPAIRMENT-BASED MANUAL THERAPY AND EXERCISE FOR HIP-RELATED COMPENSATORY INJURY IN ELITE ATHLETES: A CASE SERIES. **2017**, 12, 994-1010	1
152	CONSERVATIVE TREATMENT CONTINUUM FOR MANAGING FEMOROACETABULAR IMPINGEMENT SYNDROME AND ACETABULAR LABRAL TEARS IN SURGICAL CANDIDATES: A CASE SERIES. **2018**, 13, 1032-1048	1
151	NON-OPERATIVE MANAGEMENT OF INDIVIDUALS WITH NON-ARTHRITIC HIP PAIN: A LITERATURE REVIEW. **2019**, 14, 135-147	9
150	A randomized controlled trial protocol for an interdisciplinary evaluation of non-arthritic hip disease. **2019**, 7, 133-141	2
149	Exploring the role of microinstability of the hip: an atypical presentation of femoroacetabular impingement (FAI) and labral tear in a collegiate endurance athlete: a case report. **2019**, 63, 187-196	0
148	Insurance Coverage Criteria for Femoroacetabular Impingement Surgery: Are They Responding to Improving Evidence?. **2021**, 41, 145-154	
147	Inter-observer concordance in normal and pathological findings of the hip joint in plain radiographs. **2021**, 92, e2021219	
146	Femoroacetabular impingement.	
145	Arthroscopic surgery for femoroacetabular impingement has limited effect in patients with Tönnis grade-2 at 4-year follow-up. **2021**, 1	
144	INSTRUMENTAL DIAGNOSIS AND PREOPERATIVE PLANNING OF HIP ARTHROSCOPY IN FEMOROACETABULAR IMPINGEMENT SYNDROME.	0
143	Prolonged Postoperative Opioid Use After Arthroscopic Femoroacetabular Impingement Syndrome Surgery: Predictors and Outcomes at Minimum 2-Year Follow-up. **2021**, 9, 23259671211038933	
142	Hip Profile in World Elite Junior Badminton Players: Impingement and Range of Motion Data from the World Junior Badminton Championship 2018.	
141	Open MRI validation of a hip model driven with subject-specific motion capture data in predicting anterior femoroacetabular clearance. **2021**, 22, 972	
140	How Does Chondrolabral Damage and Labral Repair Influence the Mechanics of the Hip in the Setting of Cam Morphology? A Finite-Element Modeling Study. **2021**,	1

139	Significant improvement after hip arthroscopy for femoroacetabular impingement in women. **2021**, 1	
138	Open MRI assessment of anterior femoroacetabular clearance in active and passive impingement-provoking postures. **2021**, 2, 988-996	1
137	How do middle-aged and older adults with chronic hip pain view their health problem and its care? A protocol for a systematic review and qualitative evidence synthesis. **2021**, 11, e053084	0
136	Femoral acetabular impingement labral pathology on MRI is correlated with greater hip flexion and decreased abduction in collegiate water polo players: A pilot study.. **2022**, 7, 7-12	
135	The Perceived Demands of Ice Hockey Goaltending Movements on the Hip and Groin Region: An Elite Coach and Player Perspective. **2021**, 9, 23259671211055699	1
134	Survivorship Rate and Clinical Outcomes 10 Years After Arthroscopic Correction of Symptomatic Femoroacetabular Impingement. **2021**, 3635465211055485	4
133	Midseason Screening for Groin Pain, Severity, and Disability in 101 Elite American Youth Soccer Players: A Cross-Sectional Study. **2021**,	1
132	Femoroacetabular Impingement Syndrome and Labral Injuries. **2022**, 135-143	
131	Clinical Biomechanics of the Hip Joint. **2021**, 1-10	
130	Controversial Issues in Arthroscopic Surgery for Femoroacetabular Impingement. **2021**, 13, 437-442	1
129	Activity Level and Sport Type in Adolescents Correlate with the Development of Cam Morphology. **2021**, 6,	0
128	Femoroacetabular impingement: correlation between imaging parameters, sport activity, and chondral damage. **2021**,	0
127	Knee and hip dynamic muscle strength in individuals with femoroacetabular impingement syndrome scheduled for hip arthroscopy: A case-control study.. **2022**, 93, 105584	0
126	Correlação entre intensidade da dor e incapacidade com as lesões intra-articulares em pacientes com síndrome do impacto femoroacetabular.	
125	Application of the 4-Element Movement System Model to Sports Physical Therapy Practice and Education.. **2022**, 17, 18-26	0
124	Outcomes of Arthroscopic Decompression of the Anterior Inferior Iliac Spine: A Systematic Review and Meta-analysis.. **2022**, 3635465211062903	0
123	Biomechanical measures of clinician-defined unsteadiness during a forward stepdown task in individuals post-arthroscopy for femoroacetabular impingement syndrome.. **2022**, 93, 105586	
122	Beyond the Basics of Athletic Hip Evaluation.. **2022**, 4, e263-e269	

121	MRI-based synthetic CT of the hip: can it be an alternative to conventional CT in the evaluation of osseous morphology?. **2022**, 1	1
120	[Epidemiology, prevention and early detection of femoroacetabular impingement syndrome (FAIS)].. **2022**, 51, 167	1
119	Relationship between hip muscle strength and hip biomechanics during running in people with femoroacetabular impingement syndrome.. **2022**, 92, 105587	1
118	Acetabular labral tears: diagnosis and management. **2022**, 36, 44-48	
117	Correlation between the range of rotation of the hip and the radiographic signs of cam and pincer morphology in femoroacetabular impingement syndrome.. **2022**, 55, 24-30	
116	Most Elite Athletes Who Underwent Hip Arthroscopy for Femoroacetabular Impingement Syndrome Did Not Return to the Same Level of Sport, but the Majority Were Satisfied With the Outcome of Surgery. **2022**,	
115	Rate of continued conservative management versus progression to surgery at minimum one year follow-up in patients with pre-arthritic hip pain. **2021**,	1
114	Acetabular retroversion does not affect outcome in primary hip arthroscopy for femoroacetabular impingement.. **2022**, 1	0
113	[Update on imaging in femoroacetabular impingement syndrome].. **2022**, 51, 176	
112	[Treatment decision for femoroacetabular impingement syndrome : Differential diagnostic considerations and the introduction of a´stage concept for treatment].. **2022**, 51, 187	
111	[Translated article] Letter to the Editor of RECOT. "Functional outcomes and eight-year survival of hip arthroscopy in patients with degenerative hip disease" by D. Torres-Perez et al.. **2022**, 66, T154-T155	
110	Bedeutung des femoroazetabulären Impingements im Sport. **2022**, 35, 93-99	
109	Does Femoroacetabular Impingement Syndrome Affect Self-Reported Burden in Football Players With Hip and Groin Pain?. **2022**, 19417381221076141	
108	Five-Year Follow-up After Hip Arthroscopic Surgery in the Horsens-Aarhus Femoroacetabular Impingement (HAFAI) Cohort.. **2022**, 10, 23259671221075653	0
107	Arthroscopic hip surgery offers better early patient-reported outcome measures than targeted physiotherapy programs for the treatment of femoroacetabular impingement syndrome: a systematic review and meta-analysis of randomized controlled trials.	0
106	A prospective cohort study on cam morphology and its role in progression of osteoarthritis.. **2022**,	0
105	Preoperative MRI Offers Questionable Clinical Utility, Delays Time to Hip Arthroscopy, and Lacks Cost Effectiveness in Patients Aged 40 or Under with Femoroacetabular Impingement Syndrome: A Retrospective 5-Year Analysis.. **2022**,	1
104	Hip Arthroscopy for Femoroacetabular Impingement Syndrome Shows Good Outcomes and Low Revision Rates, with Young Age and Low Postoperative Pain Score Predicting Excellent 5-Year Outcomes.. **2022**,	0

103	The relationship between kinesiophobia and self-reported outcomes and physical function differs between women and men with femoroacetabular impingement syndrome.. **2022**, 26, 100396	1
102	Comparison of early outcomes of arthroscopic labral repair or debridement : a study using the UK Non-Arthroplasty Hip Registry dataset.. **2022**, 3, 291-301	0
101	Safety Squat Bar Squat Technique and Biomechanics-Driven Programming. **2022**, Publish Ahead of Print,	
100	Patients with Cam-Type Femoroacetabular Impingement Demonstrate Increased Change in Bone-to-Bone Distance during Walking: A Dual Fluoroscopy Study.. **2022**,	0
99	Football players with long standing hip and groin pain display deficits in functional task performance.. **2022**, 55, 46-54	
98	Assessment and classification of peripheral pain in athletes: a scoping review protocol.. **2021**, 7, e001215	0
97	Treatment of Full-Thickness Acetabular Chondral Flaps During Hip Arthroscopy: Bone Marrow Aspirate Concentrate Versus Microfracture.. **2021**, 9, 23259671211059170	1
96	Preoperative morbidity and joint awareness while awaiting hip arthroscopy for femoroacetabular impingement. **2021**, 8, 113	
95	Translation and Cross-Cultural Adaptation of the Exercise Adherence Rating Scale (EARS) into Danish. **2022**, 2022, 1-8	
94	Mid-term outcomes of exercise therapy for the non-surgical management of femoroacetabular impingement syndrome: are short-term effects persisting?. **2022**, 55, 168-175	1
93	Pigmented villonodular synovitis of the hip in a recreational runner: a case report.. **2021**, 65, 344-349	
92	FEAR index in predicting treatment among patients with femoroacetabular impingement and hip dysplasia and the relationship of femoral version.	0
91	Possibilities and limits of using gyroscopic sensors in the diagnosis of progression of osteoarthritis and femoroacetabular impingement syndrome.. **2022**, 17, 254	
90	Three-Dimensional Quantification of Cam Resection Using MRI Bone Models: A Comparison of 2 Techniques.. **2022**, 10, 23259671221095417	0
89	Examination of the Hip. **2022**, 133-152	
88	Exercise before and after orthopedic surgery. **2022**, 301-316	
87	Hip Arthroscopy Procedural Volume Is Low Among Graduating Orthopaedic Surgery Residents. **2022**,	0
86	Improvement in pain and patient-related outcome measures following hip arthroscopy in patients with femoroacetabular impingement syndrome and concomitant generalized ligamentous laxity: a systematic review.	0

85	Ultrasound Can Determine Joint Distraction During Hip Arthroscopy but Fluoroscopic-Guided Portal Placement Is Superior. **2022**,	0
84	Conservative therapy versus arthroscopic surgery of femoroacetabular impingement syndrome (FAI): a systematic review and meta-analysis. **2022**, 17,	0
83	Are the Harris Hip score and the Hip outcome score valid patient-reported outcome measures for femoroacetabular impingement syndrome?. **2022**, 100422	
82	The association between statistical shape modeling-defined hip morphology and features of early hip osteoarthritis in young adult football players: Data from the femoroacetabular impingement and hip osteoarthritis cohort (FORCe) study. **2022**, 4, 100275	
81	Differences in Hip Torque Ratios between Individuals with Femoroacetabular Impingement Syndrome and Asymptomatic Individuals: A Cross-Sectional Study.	
80	Postoperative Psychological Factors Are Associated With Perceived Improvement Following Hip Arthroscopy. **2022**, 1-6	
79	Automated 3D Analysis of Clinical Magnetic Resonance Images Demonstrates Significant Reductions in Cam Morphology Following Arthroscopic Intervention in Contrast to Physiotherapy. **2022**,	0
78	Is Internal Rotation Measurement of the Hip Useful for Ruling in Cam or Pincer Morphology in Asymptomatic Males? A Diagnostic Accuracy Study. **2022**, Publish Ahead of Print,	0
77	Exercise in patients with acetabular retroversion and excessive anterior pelvic tilt: A feasibility and intervention study. **2022**, 102613	0
76	Do femoral version abnormalities play a role in hip function of patients with hip pain?. **2022**, 105708	
75	PRP Is Not Associated With Improved Outcomes Following Hip Femoroacetabular Impingement Surgery: Very Low-Quality Evidence Suggests Hyaluronic Acid and Cell-Based Therapies May Be Beneficial A Systematic Review of Biological Treatments. **2022**,	
74	Hip Contact Force Magnitude and Regional Loading Patterns are Altered in those with Femoroacetabular Impingement Syndrome. Publish Ahead of Print,	0
73	Two-Tiered Resection of Cam Lesions in Hip Femoroacetabular Impingement: Optimizing Femoral Head Sphericity. **2022**,	
72	Klinische Diagnostik beim femoroazetabulären Impingement. **2022**, 10, 140-149	
71	Association between femoroacetabular impingement syndrome and limited lateral hip rotation in young athletes: A case‐control study. **2022**, 16, 191-197	
70	Arthroscopic Acetabular Labral Repair Versus Labral Debridement: Long-term Survivorship and Functional Outcomes. **2022**, 10, 232596712211090	0
69	Investigation of the genetic architecture of cam morphology, and its relationship with hip osteoarthritis, using alpha angle as a proxy measure.	0
68	Deriving alpha angle from anterior-posterior dual-energy x-ray absorptiometry scans: an automated and validated approach. 6, 60	0

67	Groin Pain in Athletes. **2022**, 10, 257-264	
66	An Updated Review of Femoroacetabular Impingement Syndrome. **2022**, 14,	
65	High bone mass and cam morphology are independently related to hip osteoarthritis: findings from the High Bone Mass cohort. **2022**, 23,	
64	Efficacy and safety of preoperative versus postoperative NSAIDs on pain relief in patients undergoing hip arthroscopy surgery: A multicentre, randomized, controlled trial.	
63	Peoples beliefs about their chronic hip pain and its care: a systematic review of qualitative studies. Im just getting old and breaking down'.. **2022**, Publish Ahead of Print,	0
62	Surgical videos on the internet: Is this a reliable pedagogical tool in residency training?. **2022**, 8, 39	0
61	Clinical Biomechanics of the Hip Joint. **2022**, 17-26	0
60	A three-dimensional (3D) ´printed simulator as a feasible assessment tool for evaluating hip arthroscopy skills.	0
59	Hyperlipidemia does not influence clinical outcome in arthroscopic treatment of femoroacetabular impingement syndrome. **2022**, 17,	0
58	Hip Impingement Location in Maximal Hip Flexion in Patients With Femoroacetabular Impingement With and Without Femoral Retroversion. **2022**, 50, 2989-2997	2
57	Moderate and High Sport Specialization Level in Ice Hockey Athletes Is Associated With Symptomatic Cam Deformity. 194173812211235	1
56	Current and Future Advanced Imaging Modalities for the Diagnosis of Early Osteoarthritis of the Hip. Volume 14, 327-338	0
55	Hip arthroscopy is a successful treatment for femoroacetabular impingement in under-16 competitive football players: a prospective study with minimum 2-year follow-up.	0
54	Olympic fencer with femoroacetabular impingement syndrome uses active rehabilitation to avoid surgery: A case report. **2022**,	0
53	Comparison of Walking Biomechanics After Physical Therapist ed Care or Hip Arthroscopy for Femoroacetabular Impingement Syndrome: A Secondary Analysis From a Randomized Controlled Trial. **2022**, 50, 3198-3209	0
52	Physical impairments in Adults with Developmental Dysplasia of the Hip (DDH) undergoing Periacetabular osteotomy (PAO): A Systematic Review and Meta-Analysis. **2022**, 17,	0
51	Validity and Reliability of a Novel Smartphone Tele-Assessment Solution for Quantifying Hip Range of Motion. **2022**, 22, 8154	0
50	Conservative vs. Surgical Management for Femoro-Acetabular Impingement: A Systematic Review of Clinical Evidence. **2022**, 11, 5852	0

49	Normative values of the alpha angle and triangular index measured from the hip radiographs of an African population. **2022**,	0
48	Noninvasive shape-fitting method quantifies cam morphology in femoroacetabular impingement syndrome: Implications for diagnosis and surgical planning.	0
47	Hip Preservation in the Lacrosse Athlete (Review). **2022**, 100087	0
46	Differences in hip torque ratios between individuals with femoroacetabular impingement syndrome and asymptomatic individuals: A cross-sectional study. **2022**, 100, 105809	0
45	Females with hip-related pain display altered lower limb mechanics compared to their healthy counterparts in a drop jump task. **2022**, 100, 105812	0
44	Cam morphology, hip range of motion and hip pain in young skiers and soccer players. **2022**, 1, 100005	0
43	Does femoroacetabular impingement syndrome affect range of motion? A systematic review with meta-analysis.	0
42	Conflits f□moro-ac□abulaires, p□d□miologie et diagnostic´: revue de la litt□ature (partie 1). **2022**,	0
41	Acetabular Paralabral Cyst Causing Obturator Nerve Compression in the Setting of Femoroacetabular Impingement Syndrome. **2022**, 12,	0
40	Gluteal activation during squatting reduces acetabular contact pressure in persons with femoroacetabular impingement syndrome: A patient-specific finite element analysis. **2023**, 101, 105849	0
39	Change in functional biomechanics following a targeted exercise intervention in patients with acetabular retroversion and femoroacetabular impingement syndrome. **2023**, 100, 96-102	0
38	Moderators, Mediators, and Prognostic Indicators of Treatment With Hip Arthroscopy or Physical Therapy for Femoroacetabular Impingement Syndrome: Secondary Analyses From the Australian FASHIoN Trial. 036354652211365	0
37	Patients With Femoroacetabular Impingement Obtain Information From Low-Quality Sources Online and Are Most Interested in Conservative Treatment and Expected Recovery. **2022**,	0
36	Evolution of Hip Muscles Strength in Femoroacetabular Impingement Patients Treated by Arthroscopy or Surgical Hip Dislocation: A Retrospective Exploratory Study. **2022**, 11, 1765	1
35	Oxford consensus on primary cam morphology and femoroacetabular impingement syndrome: part 2□esearch priorities on conditions affecting the young person□ hip. bjsports-2022-106092	0
34	Results of Arthroscopic Treatment for Femoroacetabular Impingement. **2022**, 28, 54-65	0
33	Acetabular Labrum and Cartilage Contact Mechanics During Pivoting and Walking Tasks in Individuals with Cam Femoroacetabular Impingement Syndrome. **2022**, 111424	0
32	Do patients with femoroacetabular impingement syndrome who undergo hip arthroscopy display improved alpha angle (magnetic resonance imaging) and radiographic hip morphology?.	0

31	Running Mechanics After Repeated Sprints in Femoroacetabular Impingement Syndrome, Cam Morphology, and Controls. 194173812211315	0
30	Oxford consensus on primary cam morphology and femoroacetabular impingement syndrome: part 1 definitions, terminology, taxonomy and imaging outcomes. bjsports-2022-106085	0
29	Defining Parameters for Surgical Correction and Hip Complications for Femoroacetabular Impingement Syndrome: Results of an International Modified Delphi Study. **2022**,	0
28	Spinopelvic Parameters Do Not Influence Outcomes Following Primary Hip Arthroscopy for the Treatment of Femoroacetabular Impingement Syndrome. **2022**,	0
27	Pediatric Hip Pain. **2022**, 81-117	0
26	Combined 3-Dimensional CT and Multidirectional CT Arthrography for Femoroacetabular Impingement and Hip Lesions: A Cross-sectional Study Comparing Imaging and Hip Arthroscopic Surgery Findings. **2023**, 11, 232596712211434	0
25	Demographic and Clinical Correlates of Device-Measured Physical Activity Levels in Individuals with Femoroacetabular Impingement Syndrome. **2023**, 100254	0
24	Femoral impingement in maximal hip flexion is anterior-inferior distal to the cam deformity in femoroacetabular impingement patients with femoral retroversion. **2023**, 12, 22-32	0
23	Evaluating the Need for Preoperative MRI Before Primary Hip Arthroscopy in Patients 40 Years and Younger With Femoroacetabular Impingement Syndrome: A Multicenter Comparative Analysis. **2023**, 11, 232596712211447	0
22	London International Consensus and Delphi study on hamstring injuries part 2: operative management. bjsports-2021-105383	0
21	London International Consensus and Delphi study on hamstring injuries part 1: classification. bjsports-2021-105371	0
20	High Survivorship and Comparable Patient-Reported Outcomes at a Minimum 5 Years After Hip Arthroscopic Surgery in Patients With Femoroacetabular Impingement, With and Without Lateral Rim Dysplasia. 036354652211450	0
19	Puncture Capsulotomy Technique for Hip Arthroscopy: Midterm Functional Outcomes. **2023**, 11, 232596712211440	0
18	Infographic. Oxford consensus on primary cam morphology and femoroacetabular impingement syndrome natural history of primary cam morphology to inform clinical practice and research priorities on conditions affecting the young person hip. bjsports-2022-106094	0
17	Hip injuries in young athletes: intra-articular hip pathologies and treatments. **2023**, 1, 41-45	0
16	Limited External Rotation and Hip Extension Due to Posterior Extra-articular Ischiofemoral Hip Impingement in Female Patients With Increased Femoral Anteversion: Implications for Sports, Sexual, and Daily Activities. **2023**, 51, 1015-1023	0
15	Are Exercise Therapy Protocols For The Treatment of Hip-Related Pain Adequately Described? A Systematic Review of Intervention Descriptions. **2023**, 18,	0
14	Combined femoral and acetabular version and synovitis are associated with dGEMRIC scores in people with femoroacetabular impingement (FAI) syndrome.	0

13	Sex-Specific Differences in Hip Muscle Cross-sectional Area and Fatty Infiltration in Patients With Femoroacetabular Impingement Syndrome. **2023**, 11, 232596712211475	0
12	Can a Computational Model Predict the Effect of Lesion Location on Cam-type Hip Impingement?. **2023**, Publish Ahead of Print,	0
11	The Effect of a Formal Nonoperative Management Program Combining a Hip Injection With Structured Adjunctive Exercise Rehabilitation in Patients With Symptomatic Femoroacetabular Impingement Syndrome. **2023**, 51, 694-706	0
10	Comprehensive assessment and classification of upper and lower limb pain in athletes: a scoping review. bjsports-2022-106380	0
9	Kinetic chain revisited: Consensus expert opinion on terminology, clinical reasoning, examination and treatment in people with shoulder pain. **2023**,	0
8	What is the Rate of Response to Nonoperative Treatment for Hip-Related Pain? A Systematic Review With Meta-analysis. **2023**, 1-21	0
7	A radiomics approach to the diagnosis of femoroacetabular impingement. 3,	0
6	Improved Mental Health Status and Patient-Reported Outcomes After Hip Arthroscopy for Femoroacetabular Impingement. 036354652311602	0
5	High-level soccer players have a low rate of return to performance after hip arthroscopy for femoroacetabular impingement syndrome.	0
4	Anterior and lateral femoroacetabular excursion angles are helpful for assessing femoroacetabular impingement syndrome: a cross-sectional cohort study. **2023**,	0
3	High survivorship and excellent 5-year outcomes in patients older than 40´years undergoing arthroscopy for femoroacetabular impingement.	0
2	Stratified care in hip arthroscopy: can we predict successful and unsuccessful outcomes? Development and external temporal validation of multivariable prediction models. bjsports-2022-105534	0
1	Hip muscle strength in male and female patients with femoroacetabular impingement syndrome: Comparison to healthy controls and athletes. **2023**, 61, 142-148	0