Morphology and Anatomic Patellar Instability Risk Fact Patellar Dislocations: A Prospective Magnetic Resonance Immature Children

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Citation Report

#	Article	IF	CITATIONS
1	Patellar Instability: When is Trochleoplasty Necessary?. Sports Medicine and Arthroscopy Review, 2017, 25, 92-99.	1.0	20
2	Risk Factors and Time to Recurrent Ipsilateral and Contralateral Patellar Dislocations. American Journal of Sports Medicine, 2017, 45, 2105-2110.	1.9	150
3	Increased internal femoral torsion can be regarded as a risk factor for patellar instability $\hat{a} \in \text{``}$ A biomechanical study. Clinical Biomechanics, 2017, 47, 103-109.	0.5	82
4	Evaluation of the Tibial Tubercle to Posterior Cruciate Ligament Distance in a Pediatric Patient Population. Journal of Pediatric Orthopaedics, 2017, 37, e388-e393.	0.6	16
5	Injuries to the Female Athlete in 2017. JBJS Reviews, 2017, 5, e5-e5.	0.8	14
6	The management of lateral patellar dislocation: state of the art. Journal of ISAKOS, 2017, 2, 205-212.	1.1	15
7	Patella morphological alteration after patella instability in growing rabbits. Journal of Orthopaedic Surgery and Research, 2017, 12, 106.	0.9	11
8	Patellar Instability in the Skeletally Immature. Current Reviews in Musculoskeletal Medicine, 2018, 11, 172-181.	1.3	25
9	MPFL in First-Time Dislocators. Current Reviews in Musculoskeletal Medicine, 2018, 11, 182-187.	1.3	15
10	Sulcus-Deepening Trochleoplasty and Medial Patellofemoral Ligament Reconstruction for Recurrent Patellar Instability. Arthroscopy Techniques, 2018, 7, e113-e123.	0.5	21
11	El adelantamiento del vasto medial ofrece buenos resultados clÃnicos y funcionales para la inestabilidad lateral femororrotuliana. Revista Colombiana De Ortopedia Y TraumatologÃa, 2018, 32, 114-120.	0.0	O
12	Distal Femoral Valgus and Recurrent Traumatic Patellar Instability: Is an Isolated Varus Producing Distal Femoral Osteotomy a Treatment Option?. Journal of Pediatric Orthopaedics, 2018, 38, e162-e167.	0.6	37
13	Clinical Outcomes After Isolated Medial Patellofemoral Ligament Reconstruction for Patellar Instability Among Patients With Trochlear Dysplasia. American Journal of Sports Medicine, 2018, 46, 883-889.	1.9	80
14	Patellar Dislocations: Review of Current Literature and Return to Play Potential. Current Physical Medicine and Rehabilitation Reports, 2018, 6, 161-170.	0.3	1
15	Return to Soccer Following Acute Patellar Dislocation. , 2018, , 649-660.		2
16	Anatomic patellar instability risk factors in primary lateral patellar dislocations do not predict injury patterns: an MRI-based study. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 677-684.	2.3	51
17	Individualizing the tibial tubercle to trochlear groove distance to patient specific anatomy improves sensitivity for recurrent instability. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 2858-2864.	2.3	29
18	What is the chance that a patella dislocation will happen a second time: update on the natural history of a first time patella dislocation in the adolescent. Current Opinion in Pediatrics, 2018, 30, 65-70.	1.0	10

#	Article	IF	CITATIONS
19	What's New in Pediatric Sports Conditions of the Knee?. Journal of Pediatric Orthopaedics, 2018, 38, e66-e72.	0.6	6
20	Patellar tracking should be taken into account when measuring radiographic parameters for recurrent patellar instability. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 3593-3600.	2.3	29
21	Acute dislocation of the patella: should these patients be operated on more often?. Annals of Joint, 2018, 3, 20-20.	1.0	1
22	Risk of Redislocation After Primary Patellar Dislocation: A Clinical Prediction Model Based on Magnetic Resonance Imaging Variables. American Journal of Sports Medicine, 2018, 46, 3385-3390.	1.9	91
23	Surgical Management of Patellofemoral Instability in the Skeletally Immature Patient. Journal of the American Academy of Orthopaedic Surgeons, The, 2018, 26, e405-e415.	1.1	25
24	Minor change in the sulcus angle during the first six years of life: A prospective study of the femoral trochlea development in dysplastic and normal knees. Journal of Children's Orthopaedics, 2018, 12, 245-250.	0.4	9
25	Operative Repair of Medial Patellofemoral Ligament Injury Versus Knee Brace in Children With an Acute First-Time Traumatic Patellar Dislocation: A Randomized Controlled Trial. American Journal of Sports Medicine, 2018, 46, 2328-2340.	1.9	71
26	Tibial tubercle–trochlear groove distance and angle are higher in children with patellar instability. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 3566-3571.	2.3	12
27	Patellofemoral Issues. , 2018, , 103-117.		0
28	Kneecapped!. American Journal of Sports Medicine, 2018, 46, 2325-2327.	1.9	0
29	Predicting Risk of Recurrent Patellar Dislocation. Current Reviews in Musculoskeletal Medicine, 2018, 11, 253-260.	1.3	91
30	Factors to Consider in Cartilage Treatment Associated With Patellar Instability: Tibial Tubercle Osteotomy and Soft Tissue Management. Operative Techniques in Sports Medicine, 2018, 26, 210-217.	0.2	0
31	Incidence of second-time lateral patellar dislocation is associated with anatomic factors, age and injury patterns of medial patellofemoral ligament in first-time lateral patellar dislocation: a prospective magnetic resonance imaging study with 5-year follow-up. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 197-205.	2.3	42
32	High heterogeneity in in vivo instrumented-assisted patellofemoral joint stress testing: a systematic review. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 745-757.	2.3	7
33	Influence of Risky Pathoanatomy and Demographic Factors on Clinical Outcomes After Isolated Medial Patellofemoral Ligament Reconstruction: A Regression Analysis. American Journal of Sports Medicine, 2019, 47, 2904-2909.	1.9	32
34	Patellar instability: the reliability of magnetic resonance imaging measurement parameters. BMC Musculoskeletal Disorders, 2019, 20, 317.	0.8	24
35	Anatomic Risk Factors for Focal Cartilage Lesions in the Patella and Trochlea: A Case-Control Study. American Journal of Sports Medicine, 2019, 47, 2444-2453.	1.9	40

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#	ARTICLE	IF	Citations
37	Age at Time of Surgery but Not Sex Is Related to Outcomes After Medial Patellofemoral Ligament Reconstruction. American Journal of Sports Medicine, 2019, 47, 1638-1644.	1.9	15
38	Isolated Medial Patellofemoral Ligament Reconstruction for Patellar Instability Regardless of Tibial Tubercle–Trochlear Groove Distance and Patellar Height: Outcomes at 1 and 2 Years. American Journal of Sports Medicine, 2019, 47, 1331-1337.	1.9	92
40	Cartilage Restoration in the Patellofemoral Joint: Techniques and Outcomes. Operative Techniques in Sports Medicine, 2019, 27, 150692.	0.2	3
41	When is Trochleoplasty a Rational Addition?. Sports Medicine and Arthroscopy Review, 2019, 27, 161-168.	1.0	11
42	Changes in knee extensor strengths before and after medial patellofemoral ligament reconstruction. Physician and Sportsmedicine, 2019, 47, 220-226.	1.0	4
43	The Recurrent Instability of the Patella Score: A Statistically Based Model for Prediction of Long-Term Recurrence Risk After First-Time Dislocation. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2019, 35, 537-543.	1.3	87
44	The Difference between Computed Tomography and Magnetic Resonance Imaging Measurements of Tibial Tubercle–Trochlear Groove Distance for Patients with or without Patellofemoral Instability: A Systematic Review and Meta-analysis. Journal of Knee Surgery, 2020, 33, 768-776.	0.9	39
45	The Difference between Cartilaginous and Bony Sulcus Angles for Patients with or without Patellofemoral Instability: A Systematic Review and Meta-Analysis. Journal of Knee Surgery, 2020, 33, 235-241.	0.9	13
46	Derotational femoral osteotomy changes patella tilt, patella engagement and tibial tuberosity trochlear groove distance. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 926-933.	2.3	25
47	Static patella tilt and axial engagement in knee extension are mainly influenced by knee torsion, the tibial tubercle–trochlear groove distance (TTTG), and trochlear dysplasia but not by femoral or tibial torsion. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 952-959.	2.3	25
48	A new device for patellofemoral instrumented stress-testing provides good reliability and validity. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 389-397.	2.3	9
49	Factors Associated With an Increased Risk of Recurrence After a First-Time Patellar Dislocation: A Systematic Review and Meta-analysis. American Journal of Sports Medicine, 2020, 48, 2552-2562.	1.9	107
50	Patellar-Trochlear Morphology in Pediatric Patients From 2 to 11 Years of Age: A Descriptive Analysis Based on Computed Tomography Scanning. Journal of Pediatric Orthopaedics, 2020, 40, e96-e102.	0.6	20
51	Objective assessment of patellar maltracking with 3ÂT dynamic magnetic resonance imaging: feasibility of a robust and reliable measuring technique. Scientific Reports, 2020, 10, 16770.	1.6	18
53	Is Diagnostic Arthroscopy at the Time of Medial Patellofemoral Ligament Reconstruction Necessary?. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712094565.	0.8	4
54	Femoral trochlear morphology is associated with anterior cruciate ligament injury in skeletally immature patients. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 3969-3977.	2.3	7
55	Patellofemoral Mechanics: a Review of Pathomechanics and Research Approaches. Current Reviews in Musculoskeletal Medicine, 2020, 13, 326-337.	1.3	18
56	Prediction of recurrence based on the patellofemoral morphological profile and demographic factors in first-time and recurrent dislocators. International Orthopaedics, 2020, 44, 2305-2314.	0.9	9

#	ARTICLE	IF	CITATIONS
57	New standardization method of tibial tubercle-posterior cruciate ligament distance according to patient size in patients with patellofemoral instability. Knee, 2020, 27, 695-700.	0.8	5
58	Failure Analysis in Patients With Patellar Redislocation After Primary Isolated Medial Patellofemoral Ligament Reconstruction. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712092617.	0.8	29
59	Is the Clinician's Eye a Valid and Reproducible Tool for Diagnosing Patella Alta on a Lateral Knee Radiography?. Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews, 2020, 4, e20.00098.	0.4	5
61	Treatment of patellar dislocation with arthroscopic medial patellofemoral ligament reconstruction using gracilis tendon autograft and modified double-patellar tunnel technique: minimum 5-year patient-reported outcomes. Journal of Orthopaedic Surgery and Research, 2020, 15, 25.	0.9	19
62	Effect of Patella Alta on the Native Anatomometricity of the Medial Patellofemoral Complex: A Cadaveric Study. American Journal of Sports Medicine, 2020, 48, 1398-1405.	1.9	16
63	Atualização em instabilidade patelar. Revista Brasileira De Ortopedia, 2021, 56, 147-153.	0.2	1
64	Patellofemoral Dislocation Recurrence After a First Episode: A Case-Control Study. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712098163.	0.8	11
65	Assessment of Patellar Morphology in Trochlear Dysplasia on Computed Tomography Scans. Orthopaedic Surgery, 2021, 13, 458-465.	0.7	5
66	Recognition of Injury Patterns in Transient Lateral Patellar Dislocation on Magnetic Resonance Imaging. AMEI S Current Trends in Diagnosis & Treatment, 2021, 5, 1-5.	0.1	0
67	Predicting Risk of Recurrent Patellofemoral Instability With Measurements of Extensor Mechanism Containment. American Journal of Sports Medicine, 2021, 49, 706-712.	1.9	19
68	Development of a Multivariable Model Based on Individual Risk Factors for Recurrent Lateral Patellar Dislocation. Journal of Bone and Joint Surgery - Series A, 2021, 103, 586-592.	1.4	23
69	The risk of osteochondral fracture after patellar dislocation is related to patellofemoral anatomy. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 4241-4250.	2.3	15
70	Management of recurrent patellofemoral instability with patella alta in the skeletally immature. Journal of Arthroscopy and Joint Surgery, 2021, 8, 184-192.	0.3	0
71	The Blackburne–Peel Index for Determining Patellar Height Is Affected by Tibial Slope. Arthroscopy, Sports Medicine, and Rehabilitation, 2021, 3, e359-e365.	0.8	8
72	Bisect offset ratio and cartilaginous sulcus angle are good combined predictors of recurrent patellar dislocation in children and adolescents. Journal of ISAKOS, 2021, 6, 265-270.	1.1	4
73	Inconsistencies in Reporting Risk Factors for Medial Patellofemoral Ligament Reconstruction Failure: A Systematic Review. American Journal of Sports Medicine, 2022, 50, 867-877.	1.9	24
74	MPFL Reconstruction, 3 Years After the Goldthwait Patellar Tendon Hemi-transfer and Vastus Medialis Oblique Advancement, Performed to Treat Recurrent Patellar Instability: A Case Report. SN Comprehensive Clinical Medicine, 2021, 3, 1669-1674.	0.3	0
75	Arthroscopyâ€controlled medial reefing and lateral release for recurrent patellar dislocation: clinical, radiologic outcomes and complications. BMC Musculoskeletal Disorders, 2021, 22, 430.	0.8	4

#	Article	IF	Citations
76	Evaluation of recurrent dislocation of the patella in children with MRI: Goldthwait technique combined with lateral release, and VMO advancementâ \in "a retrospective study of 85 knees. Musculoskeletal Surgery, 2021, , 1.	0.7	0
77	Sulcus-Deepening Trochleoplasty for Trochlear Dysplasia. Video Journal of Sports Medicine, 2021, 1, 263502542110111.	0.1	1
78	Radiographic clues to the unstable knee: are findings of trochlear dysplasia on lateral knee radiographs reliable and predictive of patellar dislocation?. Emergency Radiology, 2021, 28, 1143-1150.	1.0	1
79	Coronal and Transverse Malalignment in Pediatric Patellofemoral Instability. Journal of Clinical Medicine, 2021, 10, 3035.	1.0	17
80	La trochléoplastieÂ: indications dans la luxation de la patella avec dysplasie de haut grade. Technique chirurgicale. Revue De Chirurgie Orthopedique Et Traumatologique, 2021, 107, S166-S166.	0.0	0
81	The TT-TG Distance/Trochlear Dysplasia Index Quotient Is the Most Accurate Indicator for Determining Patellofemoral Instability Risk. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2021, , .	1.3	10
82	Ability of Medial Patellofemoral Ligament Reconstruction to Overcome Lateral Patellar Motion in the Presence of Trochlear Flattening: A Cadaveric Biomechanical Study. American Journal of Sports Medicine, 2021, 49, 3569-3574.	1.9	7
83	Treatment of Proximal Trochlear Dysplasia in theÂSetting of Patellar Instability: An Arthroscopic Technique. Arthroscopy Techniques, 2021, 10, e2253-e2258.	0.5	7
84	Trochlear Development in Children From 1 Month to 10 Years of Age: A Descriptive Study Utilizing Analysis by Magnetic Resonance Imaging. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110282.	0.8	4
85	MRI evaluation of predisposing factors in patellar instability. Indian Journal of Musculoskeletal Radiology, 0, .	0.0	0
86	The Paediatric Knee. , 2022, , 396-415.		0
87	Sulcus Deepening Trochleoplasty and Medial Patellofemoral Ligament Reconstruction for Patellofemoral Instability: A 2-Year Study. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2020, 36, 2237-2245.	1.3	22
88	Conservative Versus Surgical Treatment for Primary Patellar Dislocation. Deutsches Ärzteblatt International, 2020, 117, 279-286.	0.6	22
89	Patellofemoral Biomechanics. , 2021, , 361-375.		0
90	Changes in patellar morphology following surgical correction of recurrent patellar dislocation in children. Journal of Orthopaedic Surgery and Research, 2021, 16, 607.	0.9	1
91	Patellar instability: will my patella dislocate again?. Current Opinion in Pediatrics, 2022, 34, 76-81.	1.0	13
93	Imaging in Patellofemoral Instability. , 2019, , 193-210.		0
94	Imaging in Patellofemoral Pain. , 2019, , 85-116.		0

#	Article	IF	CITATIONS
95	Acute Lateral Patellar Dislocation in Adults. , 2019, , 31-36.		0
96	Surgical Rehabilitation for Select Patellar Stabilizing Procedures. , 2020, , 359-378.		0
97	Magnetic Resonance Imaging of Patellofemoral Morphometry Reveals Age and Gender Variations in the Knees of Children and Adolescents. Diagnostics, 2021, 11, 1985.	1.3	6
98	Inter- and intra-observer reliability of patellar height measurements in patients with and without patellar instability on plain radiographs and magnetic resonance imaging. Skeletal Radiology, 2022, 51, 1201-1214.	1.2	5
99	First-Time Dislocation: How to Deal with It., 2020, , 199-205.		0
100	Arthroscopic Trochleoplasty. , 2021, , 255-266.		0
101	Patellar Instability., 2021,, 231-254.		0
102	Specific Procedures for Pediatric Dislocation. , 2020, , 531-544.		0
103	First-Time Patellar Dislocation: A Modern Treatment Strategy. , 2020, , 7-9.		0
104	Management of Patellofemoral Disorders in Basketball. , 2020, , 423-443.		0
105	Putting it all Together. Clinics in Sports Medicine, 2022, 41, 109-121.	0.9	7
106	Patella Alta. Clinics in Sports Medicine, 2022, 41, 65-76.	0.9	13
107	Patient-Reported Outcomes After a Modified Albee Procedure. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110281.	0.8	0
108	Patellar dislocation is associated with increased tibial but not femoral rotational asymmetry. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 2342-2351.	2.3	17
109	Trochleoplasty: Indications in patellar dislocation with high-grade dysplasia. Surgical technique. Orthopaedics and Traumatology: Surgery and Research, 2022, 108, 103160.	0.9	18
110	Patellofemoral Instability in the Pediatric Patient with Open Physes: A 11-Year-Old Girl with Trochlear Dysplasia., 2022,, 69-87.		0
111	The Patellar Instability Probability Calculator: A Multivariate-Based Model to Predict the Individual Risk of Recurrent Lateral Patellar Dislocation. American Journal of Sports Medicine, 2022, 50, 471-477.	1.9	19
112	Magnetic resonance imaging overestimates patellar height compared with radiographs. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 3461-3469.	2.3	2

#	Article	IF	Citations
113	Medial Patellofemoral Ligament Reconstruction Techniques and Outcomes: a Scoping Review. Current Reviews in Musculoskeletal Medicine, 2021, 14, 321-327.	1.3	7
115	Isolated MPFL reconstruction for recurrent lateral patellar instability in patients with TT-TG distance <25 mm: A calculated safe risk!. Journal of Arthroscopic Surgery and Sports Medicine, 0, .	0.0	O
116	Individualized tibial tubercle–trochlear groove distance-to-patellar length ratio (TT–TG/PL) is a more reliable measurement than TT–TG alone for evaluating patellar instability. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 3644-3650.	2.3	1
117	Elevated Patellofemoral and Tibiofemoral T1ϕRelaxation Times Following a First Time Patellar Dislocation. Cartilage, 2022, 13, 194760352211025.	1.4	3
118	Changes in Anatomic Risk Factors for Patellar Instability During Skeletal Growth and Maturation. American Journal of Sports Medicine, 2022, 50, 2424-2432.	1.9	16
119	MRI as the optimal imaging modality for assessment and management of osteochondral fractures and loose bodies following traumatic patellar dislocation: a systematic review. Knee Surgery, Sports Traumatology, Arthroscopy, 2023, 31, 1744-1752.	2.3	5
120	Descriptive Epidemiology of a Surgical Patellofemoral Instability Population of 492 Patients. Orthopaedic Journal of Sports Medicine, 2022, 10, 232596712211081.	0.8	3
121	Assessment of the reliability and validity of imaging measurements for patellofemoral instability: an updated systematic review. Skeletal Radiology, 2022, 51, 2245-2256.	1.2	6
122	Factors Associated With Pain and Function Before Medial Patellofemoral Ligament Reconstruction. Orthopaedic Journal of Sports Medicine, 2022, 10, 232596712211161.	0.8	2
123	Radiographic Evaluation of Pediatric Patients with Patellofemoral Instability. Current Reviews in Musculoskeletal Medicine, 2022, 15, 411-426.	1.3	6
124	The SP-ET index is a new index for assessing the vertical position of patella. Insights Into Imaging, 2022, 13, .	1.6	1
125	Sulcus depth, congruence angle, Wiberg index, TT-TG distance, and CDI are strong predictors of recurrent patellar dislocation. Knee Surgery, Sports Traumatology, Arthroscopy, 2023, 31, 2906-2916.	2.3	5
126	Influence of medial patellofemoral ligament reconstruction on patellar tracking and patellofemoral contact pressures in patella alta. Computer Methods in Biomechanics and Biomedical Engineering, 2024, 27, 36-44.	0.9	0
127	Incidence and concomitant chondral injuries in a consecutive cohort of primary traumatic patellar dislocations examined with sub-acute MRI. International Orthopaedics, 0, , .	0.9	2
128	Concomitant Tibial Tubercle Osteotomy Reduces the Risk of Revision Surgery After Medial Patellofemoral Ligament Reconstruction for the Treatment of Patellar Instability. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2023, 39, 2037-2045.e1.	1.3	2
129	Trochlea dysplasia, increased TT-TG distance and patella alta are risk factors for developing first-time and recurrent patella dislocation: a systematic review. Knee Surgery, Sports Traumatology, Arthroscopy, 2023, 31, 3806-3846.	2.3	7
130	Evolving Management of Acute Dislocations of the Patella. , 2023, , 251-258.		0
131	Arthroscopic Deepening Trochleoplasty. , 2023, , 503-519.		0

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132	Imaging evaluation of patellofemoral joint instability: a review. Knee Surgery and Related Research, 2023, 35, .	1.8	6
133	Patellofemoral Instability in the Pediatric Population. Current Reviews in Musculoskeletal Medicine, 2023, 16, 255-262.	1.3	1
145	Patellaluxationen beim Kind. Springer Reference Medizin, 2024, , 1-13.	0.0	0