APPENDIX 2. Studies included in the systematic review

*The measurements listed include only those that were studied in this systematic review. See the Methods section for a comprehensive explanation.

Title	Lead Author	Journal	Study period	Year published	Imaging modality	# of subjects	# of males	Measurements*
An analysis of knee anatomic imaging factors associated with primary lateral patellar dislocations.	Arendt	European society of sports traumatology, knee surgery, arthroscopy	2008-2012	2017	MRI	157	79	TT-TG, Insall-Salvati, Caton-Deschamps, Patellar tilt angle, Femoral sulcus angle, Trochlear groove depth, Lateral trochlear inclination angle, Trochlear facet asymmetry, Patellar trochlear index, Condyle asymmetry
Magnetic resonance imaging-based topographical differences between control and recurrent patellofemoral instability patients	Charles	The American Journal of Sports Medicine	2006-2010	2013	MRI	121		Congruence angle, Trochlear groove depth, Sulcus angle, Lateral trochlear inclination angle, TT-TG, Insall-Salvati, Caton-Deschamps, Trochlear groove depth,
Evaluation of trochlear dysplasia using MRI: correlation between the classification system of Dejour and objective parameters of trochlear dysplasia.	Nelitz	Knee Surgery, Sports Traumatology, Arthroscopy	2009-2011	2012	MRI	78	34	Dejour classification, Trochlear groove depth, Trochlear facet asymmetry, Lateral trochlear Inclination angle, Condylar asymmetry
Prevalence and patterns of anatomical risk factors in patients after patellar dislocation: a case control study using MRI.	Köhlitz	European Society of Radiology	2000-2012	2012	MRI	364	158	TT-TG, Insall-Salvati, Caton-Deschamps, Trochlear groove depth, Lateral trochlear inclination angle, Trochlear facet asymmetry
Magnetic resonance imaging analysis of rotational alignment in patients with patellar dislocations.	Diederichs	The American Journal of Sports Medicine		2013	MRI	60	20	Knee rotation angle, Tibial torsion
The intra- and inter-rater reliability of X-ray radiological measurements for patellar instability.	Smith	The Knee	2008-2009	2012	Xray	51	23	Sulcus angle, Congruence angle, Insall-Salvati, Caton-Deschamps, Blackburne-Peel, Lateral patellofemoral angle

Comparative study of magnetic resonance imaging (MRI) parameters in a Southeast Asian population with symptomatic patellofemoral instability.	Lim	The Knee	2010-2014	2016	MRI	128	78	Sulcus angle, Insall-Salvati, Caton-Deschamps, TT-TG
Surgical Treatment With Closing-Wedge Distal Femoral Osteotomy for Recurrent Patellar Dislocation With Genu Valgum	Nha	The American Journal of Sports Medicine	2012-2015	2018	Xray	14	9	TT-TG, Caton-Deschamps, Congruence angle, Patellar lateral displacement shift, Lateral patellofemoral angle
Geometry of Torsional Malalignment Syndrome: Trochlear Dysplasia but Not Torsion Predicts Lateral Patellar Instability.	Balcarek	The Orthopaedic Journal of Sports Medicine	2015-2017	2019	MRI	91	13	TT-TG, Dejour classification, TT-PCL, Lateral trochlear inclination, Tibial torsion, Knee rotation angle
Anatomical factors influencing patellar tracking in the unstable patellofemoral joint	Biyani	Knee Surgery, Sports Traumatology, Arthroscopy		2014	MRI	7	1	TT-TG, Insall-Salvati, Caton Deschamps, Lateral trochlear inclination
Arthroscopic lateral retinacular release, medial retinacular plication and partial medial tibial tubercle transfer for recurrent patellar dislocation	Chen	International Journal of Surgery	1998-2012	2017	Xray	71	11	TT-TG, Congruence angle, Lateral Patellofemoral angle
Medial patellofemoral ligament anatomy: is it a predisposing factor for lateral patellar dislocation?	de Oliveira	International Society of Orthopaedic Surgery and Traumatology	2011-2012	2014	MRI	121	55	MPFL thickness
Lateral retinaculum plasty instead of lateral retinacular release with concomitant medial patellofemoral ligament reconstruction can achieve better results for patellar dislocation	Liu	European Society of Sports Traumatology, Knee Surgery, Arthroscopy	2012-2014	2017	CT	59	22	TT-TG, Insall-Salvati, Patellar tilt angle, Congruence angle, Sulcus angle, Patellar later displacement shift, Dejour classification

Medial retinaculum plasty versus medial patellofemoral ligament reconstruction for recurrent patellar instability in adults: a randomized controlled trial	Ma	The Journal of Arthroscopic and Related Surgery	2008-2010	2013	CT	63	22	TT-TG, Congruence angle, Patellar tilt angle, Sulcus angle, Patellar lateral displacement shift
Study on the patellofemoral joint using magnetic resonance imaging: Morphological variation of the medial patellofemoral ligament	Netto	Revista Brasileira de Ortopedia	2010-2011	2012	MRI	18	7	Trochlear groove depth, Trochlear sulcus angle, Lateral patellofemoral angle, Lateral trochlear inclination angle, Trochlear facet asymmetry
Radiographic parameters associated with lateral patella degeneration in young patients	Noehren	Knee Surgery, Sports Traumatology, Arthroscopy		2012	Xray	28	12	TT-TG, Congruence angle, Sulcus angle, Lateral patellofemoral angle, Dejour classification
Reconstruction of the medial patellofemoral ligament and reinforcement of the medial patellotibial ligament is an effective treatment for patellofemoral instability with patella alta	Yang	European Society of Sports Traumatology, Knee Surgery, Arthroscopy	2009-2014	2018	Xray	58	25	TT-TG, Patellar tilt angle, Patellar lateral displacement shift, Insall-Salvati, Caton-Deschamps
Medial patellofemoral ligament reconstruction fails to correct mild patella alta in cases of patellofemoral instability—a case-control study	Roessler	International Society of Orthopaedic Surgery and Traumatology	2010-2015	2018	Xray	64	26	Insall-Salvati, Caton-Deschamps, Blackburne-Peel
Patellar height measurement in trochlear dysplasia.	Barnett	Knee Surgery, Sports Traumatology, Arthroscopy	2002-2005	2009	MRI	28		Patellar trochlear index, Insall-Salvati, Blackburne-Peel, Caton-Deschamps
The lateral condyle index: A new index for assessing the length of the lateral articular trochlea as predisposing factor for patellar instability	Biedert	International Society of Orthopaedic Surgery and Traumatology		2011	MRI	69	49	TT-TG, Patellar trochlear index

Quantitative magnetic resonance imaging in patellar tendon-lateral femoral condyle friction syndrome: relationship with subtle patellofemoral instability.	Li	Skeletal Radiology	2014-2017	2019	MRI	156	68	Insall-Salvati Ratio, TT-TG, Trochlear groove depth, Lateral patellofemoral angle, Lateral trochlear inclination angle
Anterior-posterior trochlear measurements of normal and dysplastic trochlea by axial magnetic resonance imaging.	Biedert	Knee Surgery, Sports Traumatology, Arthroscopy		2009	MRI		84	
Effectiveness of Fulkerson Osteotomy with Femoral Nerve Stimulation for Patients with Severe Femoral Trochlear Dysplasia	Crebs	The Iowa Orthopaedic Journal		2015	MRI	42	18	Femoral sulcus angle, Lateral trochlear inclination, Caton-Deschamps, TT-TG
The relationship between quadriceps angle and tibial tuberosity-trochlear groove distance in patients with patellar instability	Cooney	Knee Surgery, Sports Traumatology, Arthroscopy		2012	CT	34	14	TT-TG
Axial MRI index of patellar engagement: A new method to assess patellar instability	Guilbert	Orthopaedics & Traumatology, Surgery & Research	2010-2012	2013	MRI	180		TT-TG, Caton-Deschamps, Patellar tilt angle, MPFL
An analysis of the medial patellofemoral ligament length change pattern using open-MRI.	Higuchi	Knee Surgery, Sports Traumatology, Arthroscopy		2009	Xray	20	10	Insall-Salvati ratio, Sulcus angle, Patellar tilt angle, Congruence angle, MPFL
Comparison of 2 different techniques for anatomic reconstruction of the medial patellofemoral ligament: a prospective randomized study	Kang	The American Journal of Sports Medicine	2008-2009	2013	CT	82	32	Congruence angle, TT-TG, Sulcus angle, Lateral patellofemoral angle, Patellar tilt angle, Lateral displacement shift, Insall-Salvati

Conventional Radiographs and Magnetic Resonance Imaging for the Analysis of Trochlear Dysplasia: The Influence of Selected Levels on Magnetic Resonance Imaging.	Tscholl	The American Journal of Sports Medicine		2017	CT	210	54	Caton-Deschamps, Insall-Salvati, Dejour classification, TT-TG, Patellar trochlear index
Correlation of 3D Shift and 3D Tilt of the Patella in Patients With Recurrent Dislocation of the Patella and Healthy Volunteers: An In Vivo Analysis Based on 3-Dimensional Computer Models.	Yamada	The American Journal of Sports Medicine		2017	MRI	71	16	TT-TG , Dejour classification, Sulcus angle, Insall-Salvati, Wiberg's classification
Are metric parameters sufficient alone in evaluation of the patellar instability? New angular measuring parameters: The trochlear groove-patellar tendon angle and the trochlear groove-dome angle	Deveci	Journal of Orthopaedic Surgery		2017	MRI	41	13	TT-TG
Medial patellofemoral ligament reconstruction reduces radiographic measures of patella alta in adults	Woodmass;	The Orthopaedic Journal of Sports Medicine	2005-2013	2018	Xray	32	11	Insall-Salvati, Caton-Deschamps, Blackburne-Peel
The Tibial Tubercle-to-Trochlear Groove Distance Is Reliable in the Setting of Trochlear Dysplasia, and Superior to the Tibial Tubercle-to-Posterior Cruciate Ligament Distance When Evaluating Coronal Malalignment in Patellofemoral Instability.	Brady	The Journal of Arthroscopic and Related Surgery	2006-2013	2017	MRI	239	99	TT-TG, TT-PCL, Dejour classification

Comparison of a Novel Weightbearing Cone Beam Computed Tomography Scanner Versus a Conventional Computed Tomography Scanner for Measuring Patellar Instability	Marzo	The Orthopaedic Journal of Sports Medicine		2016	CT	20	8	Patellar tilt angle, Congruence angle, TT-TG
Increased Magnetic Resonance Imaging Signal of the Lateral Patellar Facet Cartilage: A Functional Marker for Patellar Instability?	Falkowski	The American Journal of Sports Medicine	2011-2014	2017	MRI	22	4	Insall-Salvati, Wiberg's classification, TT-TG
Patellar Articular Overlap on MRI Is a Simple Alternative to Conventional Measurements of Patellar Height.	Munch	The Orthopaedic Journal of Sports Medicine		2016	MRI	239		Modified Insall-Salvati, Caton-Deschamps, Blackburne-Peel
Plateau-patella angle: An option for the evaluation of patellar height in patients with patellar instability.	Bonadio,	The Knee	2010-2015	2017	Xray	69	18	Insall-Salvati, Caton-Deschamps, Blackburne-Peel
Mapping the contact area of the patellofemoral joint: the relationship between stability and joint congruence.	Clark	The Bone & Joint Journal		2019	MRI	40	19	TT-TG, Insall-Salvati, Blackburne-Peel, Dejour Classification
Patella Height Correlates With Trochlear Dysplasia: A Computed Tomography Image Analysis	Ferlic	Arthroscopy: The Journal of Arthroscopic and Related Surgery	1996-2013	2018	CT	66	11	Femoral sulcus angle, Trochlear facet asymmetry, Trochlear groove depth
Patellar Tendon-Trochlear Groove Angle Measurement: A New Method for Patellofemoral Rotational Analyses.	Hinckel	Skeletal Radiology	2008-2013	2015	MRI	182	18	TT-TG

Tibial Tuberosity-Posterior Cruciate Ligament Distance.	Daynes	The Journal of Knee Surgery	2012-2014	2015	MRI	126		TT-TG, TT-PCL
Vastus medialis obliquus muscle morphology in primary and recurrent lateral patellar instability	Balcarek	BioMed Research International		2014	MRI	82	41	TT-TG, Insall-Salvati, Dejour classification
Clinical Utility of Continuous Radial Magnetic Resonance Imaging Acquisition at 3 T in Real-time Patellofemoral Kinematic Assessment: A Feasibility Study	Burke	Arthroscopy: The Journal of Arthroscopic and Related Surgery	2015-2016	2018	MRI	30	14	TT-TG, Insall-Salvati, Trochlear groove depth
Medial patellofemoral ligament repair versus reconstruction for recurrent patellar instability: Two-year results of an algorithm-based approach	Dragoo	The Orthopaedic Journal of Sports Medicine	2007-2010	2017	MRI	24	4	TT-TG
Increased Femoral Anteversion Influence Over Surgically Treated Recurrent Patellar Instability Patients	Franciozi	Arthroscopy: The Journal of Arthroscopic and Related Surgery	2008-2013	2017	Xray	48	12	TT-TG, Caton-Deschamps, Dejour Classification
Q-vector measurements: physical examination versus magnetic resonance imaging measurements and their relationship with tibial tubercle-trochlear groove distance.	Graf	European Society of Sports Traumatology, Knee Surgery, Arthroscopy	2010-2011	2017	MRI	49	19	TT-TG, Sulcus angle, Patellar tilt angle
Clinical Outcomes After Isolated Medial Patellofemoral Ligament Reconstruction for Patellar Instability Among Patients With Trochlear Dysplasia	Liu	The American Journal of Sports Medicine	2006-2014	2018	Xray	121	33	TT-TG, Caton-Deschamps, Dejour Classification

Clinical and Radiological Predictors of Functional Outcome After Isolated Medial Patellofemoral Ligament Reconstruction at Midterm Follow-up.	Neri	The American Journal of Sports Medicine	2007-2017	2019	CT	107	53	TT-TG, Merchant angle, Caton-Deschamps
Comparison of native axial radiographs with axial MR imaging for determination of the trochlear morphology in patients with trochlear dysplasia.	Salzmann	Archives of Orthopaedic and Trauma Surgery		2009	MRI, Xray	24	8	Sulcus angle, Lateral trochlear inclination angle, Dejour classification
Use of computed tomography to determine the risk of patellar dislocation in 921 patients with patellar instability.	Schueda	Open Access Journal of Sports Medicine	2001-2009	2015	CT	921	363	Knee rotation angle, Tibial torsion angle, TT-TG, Sulcus angle, Patellar tilt, Insall-Salvati
Incidence and radiologic predictor of postoperative patellar instability after Fulkerson procedure of the tibial tuberosity for recurrent patellar dislocation.	Tsuda	Knee Surgery, Sports Traumatology, Arthroscopy	1996-2002	2011	CT	41	8	TT-TG, Insall-Salvati, Congruence angle, Trochlear groove depth
A combined procedure with Bereiter-type trochleoplasty leads to a stable patellofemoral joint at 5-year follow-up	Wind	European Society of Sports Traumatology, Knee Surgery, Arthroscopy	2004-2011	2019	Xray	21	6	Sulcus angle, Trochlear groove depth
Patellar Height Measurements on Radiograph and Magnetic Resonance Imaging in Patellar Instability and Control Patients.	Yue	The Journal of Knee Surgery	2008-2012	2017	MRI	241	128	Insall-Salvati, Modified Insall-Salvati, Blackburne-Peel, Caton-Deschamps

Surgical medial patellofemoral ligament reconstruction versus non-surgical treatment of acute primary patellar dislocation: a prospective controlled trial	Zheng	International Society of Orthopaedic Surgery and Traumatology		2019	CT	69	29	TT-TG, Caton-Deschamps, Patellar tilt angle
Correlation between Changes in Tibial Tuberosity-Trochlear Groove Distance and Patellar Position during Active Knee Extension on Dynamic Kinematic Computed Tomographic Imaging	Tanaka	Arthroscopy: The Journal of Arthroscopic and Related Surgery	2009-2013	2015	CT	38	13	TT-TG, Patellar tilt angle, Bisect offset
Are the osseous and tendinous-cartilaginous tibial tuberosity-trochlear groove distances the same on CT and MRI?	Hinckel	Skeletal Radiology	2008-2013	2015	CT, MRI	43		TT-TG
Why are bone and soft tissue measurements of the TT-TG distance on MRI different in patients with patellar instability?	Hinckel	Knee Surgery, Sports Traumatology, Arthroscopy	2008-2013	2016	MRI	53	9	TT-TG
The contribution of the tibial tubercle to patellar instability: analysis of tibial tubercle–trochlear groove (TT-TG) and tibial tubercle–posterior cruciate ligament (TT-PCL) distances	Heidenreich	Knee Surgery, Sports Traumatology, Arthroscopy	2003-2011	2017	MRI	54	24	TT-TG, TT-PCL
Excessive lateral patellar translation on axial computed tomography indicates positive patellar J sign.	Xue	European Society of Sports Traumatology, Knee Surgery, Arthroscopy	2015-2017	2018	CT	53	46	Bisect offset, Patellar tilt angle

Measurement of tibial tuberosity-trochlear groove distance: evaluation of inter- and intraobserver correlation dependent on the severity of trochlear dysplasia.	Dornacher	Knee Surgery, Sports Traumatology, Arthroscopy		2014	MRI	98	50	TT-TG, Dejour classification
Tibial tubercle-posterior cruciate ligament distance: a new measurement to define the position of the tibial tubercle in patients with patellar dislocation.	Seitlinger	The American Journal of Sports Medicine	2009	2012	MRI	79	13	TT-TG, TT-PCL, Sulcus angle, Tibial torsion
Influence of posterior lateral femoral condyle geometry on patellar dislocation.	Gillespie	Archives of Orthopaedic and Trauma Surgery	2009-2011	2015	Xray	100		Femoral sulcus angle, Blackburne-Peel
Tibial tubercle torsion, a new factor of patellar instability.	Chassaing	Orthopaedics & Traumatology: Surgery & Research	2011-2016	2017	MRI	92	50	TT-TG, Patellar tilt angle, Tibial tubercle torsion
The introduction of a new MRI index to evaluate sagittal patellofemoral engagement.	Dejour	Orthopaedics & Traumatology: Surgery & Research	2010-2011	2013	MRI	180		Caton-Deschamps
Imaging characteristics of contralateral asymptomatic patellofemoral joints in patients with unilateral instability.	Demehri	Radiology	2009-2013	2014	CT	50	18	TT-TG, Trochlear groove depth, Bisect offset
Correlation of the tibial tuberosity-trochlear groove distance with the Q-angle.	Dickschas	European Society of Sports Traumatology, Knee Surgery, Arthroscopy	2011	2016	CT	55	19	TT-TG

Evaluation of different surgical methods in treating recurrent patella dislocation after three-dimensional reconstruction	Du	International Society of Orthopaedic Surgery and Traumatology	2011-2013	2017	CT	68	15	Congruence angle, Patellar tilt angle, Lateral patellofemoral angle
The Recurrent Instability of the Patella Score: A Statistically Based Model for Prediction of Long-Term Recurrence Risk After First-Time Dislocation	Hevesi	Arthroscopy: The Journal of Arthroscopic and Related Surgery	1990-2010	2019	Xray	81	38	Caton-Deschamps, TT-TG, Patellar length
Middle-to long-term outcome after medial patellofemoral ligament reconstruction with Insall's proximal realignment for patellar instability	Shimizu	Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology	1999-2012	2019	Xray	15	2	Femoral sulcus angle
Patellar instability treated with distal femoral osteotomy	Swarup	The Knee	2010-2014	2017	Xray	8	0	Congruence angle
Individualizing the Tibial Tubercle-Trochlear Groove Distance: Patellar Instability Ratios That Predict Recurrent Instability	Camp	The American Journal of Sports Medicine	2008-2012	2015	MRI	54	24	TT-TG, TT-PCL, Patellar length
The TT-TG Index: a new knee size adjusted measure method to determine the TT-TG distance.	Hingelbaum	Knee Surgery, Sports Traumatology, Arthroscopy	2009-2010	2014	MRI	251	149	TT-TG
The position of the tibia tubercle in 0°–90° flexion: comparing patients with patella dislocation to healthy volunteers	Seitlinger	Knee Surgery, Sports Traumatology, Arthroscopy		2014	MRI	60	11	TT-TG

A new quantitative radiographic measurement of patella for patellar instability using the lateral plain radiograph: 'patellar width ratio'	Kuroda	European Society of Sports Traumatology, Knee Surgery, Arthroscopy	2003-2013	2017	CT	93	16	Patellar tilt angle
Short lateral posterior condyle is associated with trochlea dysplasia and patellar dislocation.	Roger	European Society of Sports Traumatology, Knee Surgery, Arthroscopy		2019	CT	100	52	Dejour classification
Value of CT scan-assessed tibial tuberosity–trochlear groove distance in identification of patellar instability	Mohammadi nejad	Italian Society of Medical Radiology	2014-2015	2016	CT	63	21	TT-TG
Middle patellar tendon to posterior cruciate ligament (PT-PCL) and normalized PT-PCL: New magnetic resonance indices for tibial tubercle position in patients with patellar instability.	Pozzi	The Knee		2018	MRI	90	36	TT-PCL
Ratio of the tibial tuberosity–trochlear groove distance to the tibial maximal mediolateral axis: A more reliable and standardized way to measure the tibial tuberosity–trochlear groove distance	Cao	The Knee	2010-2016	2018	CT	114	56	TT-TG
Influence of tibial slope asymmetry on femoral rotation in patients with lateral patellar instability.	Balcarek	Knee Surgery, Sports Traumatology, Arthroscopy	2006-2010	2012	MRI	190	97	Dejour classification, medial tibial slope, lateral tibial slope, slope asymmetry, anatomical distal lateral femur angle(aDLFA), mechanical proximal medial tibial angle (mPMTA)

Is tibial tuberosity–trochlear groove distance an appropriate measure for the identification of knees with patellar instability?	Caplan	Knee Surgery, Sports Traumatology, Arthroscopy		2014	CT	62	18	TT-TG
Evaluation of trochlear dysplasia severity using trochlear angle: A retrospective study based on computed tomography (CT) scans	Dong	Medical Science Monitor	2014-2017	2018	CT	160	114	Trochlear angle
A clinical and radiographic approach for establishing proper tibial tubercle transfer when using quad active femoral nerve stimulation.	McDermott	The Iowa Orthopaedic Journal	2008-2011	2013	MRI	18	9	TT-TG
Evaluation of normal tibial tubercle to trochlear groove distance in adult Turkish population.	Ortug	Nigerian Journal of Clinical Practice	2016-2017	2018	MRI	200	103	TT-TG
What components comprise the measurement of the tibial tuberosity-trochlear groove distance in a patellar dislocation population?	Tensho	The Journal of Bone And Joint Surgery	2005-2014	2015	CT	88	16	TT-TG, Knee rotation angle
Axial linear patellar displacement: a new measurement of patellofemoral congruence.	Urch	The American Journal of Sports Medicine		2009	Xray	131		Congruence angle, Patellar lateral displacement
Femoral Trochlear Groove Morphometry Assessed on Oblique Coronal MR Images.	Yi	American Journal of Roentgenology	2007-2013	2015	MRI	90	42	Sulcus angle, Trochlear groove depth, Trochlear facet asymmetry

Patellar instability in Indian population: relevance of tibial tuberosity and trochlear groove distance.	Kulkarni	International Society of Orthopaedic Surgery and Traumatology		2016	MRI	100	60	TT-TG
Inter- and intraobserver reliability in the MRI measurement of the tibial tubercle-trochlear groove distance and trochlea dysplasia.	Skelley	The American Journal of Sports Medicine		2015	MRI	116	59	TT-TG, trochlear dysplasia index
TT-TG vs. modified lateral patellar edge for determination of tibial tubercle transfer distance in Fulkerson osteotomy procedures.	Edwards	The Knee	2006-2012	2016	MRI	32	15	TT-TG, LPE
Individualizing the tibial tubercle to trochlear groove distance to patient specific anatomy improves sensitivity for recurrent instability.	Heidenreich	European Society of Sports Traumatology, Knee Surgery, Arthroscopy	1990-2010	2017	MRI	87	42	TT-TG, Patellar length
The trochlear isometric point is different in patients with recurrent patellar instability compared to controls: a radiographical study.	Campos	Knee Surgery, Sports Traumatology, Arthroscopy		2017	Xray	60	30	Schottle's Point, boss height
Comparative analysis of medial patellofemoral ligament length change pattern in patients with patellar dislocation using open-MRI.	Arai	European Society of Sports Traumatology, Knee Surgery, Arthroscopy		2017	MRI	20	8	MPFL length
Quantitative stress radiography of the patella and evaluation of patellar laxity before and after lateral release for recurrent dislocation patella	Niimoto T	Knee Surgery, Sports Traumatology, Arthroscopy	2007-2011	2014	Xray	33	11	

Alignment in the transverse plane, but not sagittal or coronal plane, affects the risk of recurrent patella dislocation.	Takagi	European Society of Sports Traumatology, Knee Surgery, Arthroscopy		2017	CT	27	2	3D external tibial torsion, 3D knee rotational angle
Quantification Of Trochlea Dysplasia Via Computed Tomography: Assessment Of Morphology Difference Between Control And Chronic Patellofemoral Instability Patients	Voss	The Knee	2007-2012	2017	CT	136	69	Trochlear groove length
Clinical Accuracy of J-Sign Measurement Compared to Magnetic Resonance Imaging.	Beckert	The Iowa Orthopedic Journal		2016	MRI	10	3	
Lateralization of the Tibial Tubercle in Recurrent Patellar Dislocation	Tensho	The Journal of Bone & Joint Surgery	2005-2017	2018	CT	132	36	TT-TG, TT-PCL