

THE INTERNATIONAL PATELLOFEMORAL STUDY GROUP 2022

→ **HELSINKI ACADEMIC PROGRAM**

August 3-6 2022



IPSG

IPSG: HELSINKI ACADEMIC PROGRAM AUGUST 3-6 2022

THE INTERNATIONAL PATELLOFEMORAL STUDY GROUP 2022

This is the 19th meeting of the International Patellofemoral Study group. The meeting will include research presentations, debates and case presentations.



ACADEMIC PROGRAM MATERIALS:

www.polvilumpio.fi/ipsg-helsinki-2022

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ALL PAPERS 5 min presentations strict limit,
discussion follows each group of presentations

WEDNESDAY

Moderator: Post

730-735 Welcome Petri Sillanpää

735-800 Keynote message History Of IPSPG, Mission, Vision /Role of Patellofemoral Foundation *Post*

800-835 FACTORS OF PATELLAR INSTABILITY: AN ANATOMICAL MAGNETIC RESONANCE STUDY *Gobbi*

ANATOMIC RISK FACTORS ASSOCIATED WITH BONE BRUISE PATTERNS IN ACUTE FIRST TIME PATELLAR DISLOCATIONS *Lipinski*

APPLICATION OF MACHINE LEARNING TO DIAGNOSE PATELLAR INSTABILITY ON MRI USING A DATA-DRIVEN MODEL *Tanaka*

PATELLAR TILT AND TRANSLATION, BUT NOT MEASURES OF MALALIGNMENT OR DYSPLASIA, PREDICT PRESENCE OF J-SIGN IN PATELLOFEMORAL DISLOCATORS *Brady*

THREE DIMENSIONAL MODELING AS A WINDOW TO UNDERSTANDING PATELLA INSTABILITY AND PAIN *Fulkerson*

835-850 Discussion of Papers

850-920 MAGNETIC RESONANCE IMAGING OVERESTIMATES PATELLAR HEIGHT COMPARED WITH RADIOGRAPHS *Martinez-Cano*

ANALYSIS OF FEMORAL TORSION IN PATIENTS WITH RECURRENT PATELLAR DISLOCATION *Matsushita*

DEMOGRAPHIC AND CLINICAL CHARACTERISTICS OF PATELLAR INSTABILITY PATIENTS FROM PROSPECTIVE JUPITER COHORT *Parikh*



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850-920 CONCURRENT VALIDATION OF BPII 2.0 TO KINESIOPHOBIA, PAIN CATASTROPHIZING, QUALITY OF LIFE, AND RETURN TO SPORT IN RECURRENT PF INSTABILITY *Kerslake*

ANATOMIC FACTORS THAT AFFECT THE MAGNITUDE OF THE TIBIAL TUBERCLE TO TROCHLEAR GROOVE DISTANCE IN PATELLAR INSTABILITY PATIENTS *Hevesi*

925-940 **Discussion of Papers**

940-1000 **Break**

1000-1030 JUPITER COHORT SURGICAL PROCEDURES SHUBIN *Stein*

ISOLATED MPFL RECON FOR RECURRENT INSTABILITY REGARDLESS OF TTTG AND PATELLAR HEIGHT; MIN 5 YEAR OUTCOMES SHUBIN *Stein*

ISOLATED MPFL RECONSTRUCTION IN ADOLESCENTS: ANALYSIS OF OUTCOMES AND RISK FACTORS FOR FAILURE *Tuca*

COMBINED MPFL-R AND TROCHLEOPLASTY FOR RECURRENT INSTABILITY WITH SEVERE TROCHLEAR DYSPLASIA: 2 YR RESULTS 60 CASES *Hiemstra*

MQTFL RECONSTRUCTION VS MPFL RECONSTRUCTION: SHORT-TERM RESULTS FROM A SMALL CASE SERIES *Golant*

1030-1050 **Discussion of Papers**

1050-1125 HOW DOES PATELLAR INSTABILITY SURGERY ALTER PATELLAR HEIGHT? *Diduch*

HOW TTTG CAN CHANGE WITH TIME AND THROUGH KNEE ROTATION; SEQUENTIAL MRI AND CADAVERIC KNEE STUDY *Green*

MPFL-R USING NONRESORBABLE SUTURE MATERIAL WITH SOFT-TISSUE FIXATION COMPARABLE TO RECONSTRUCTION WITH QUAD GRAFT *Milinkovic*

EARLY SURGICAL EXPERIENCE USING THE MULTI-DIRECTIONAL TIBIAL TUBERCLE TRANSFER (MD3T) SYSTEM *Sherman*

INCIDENCE OF EARLY ADVERSE EVENTS FOLLOWING TIBIAL TUBERCLE OSTEOTOMY *Farrow*

1125-1200 **Discussion of Papers**

1200-100 **LUNCH**

100-145 **PANEL DISCUSSION with cases: Patellar instability evaluation and decision making**



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145-230 PANEL DISCUSSION with cases: Instability medial stabilization procedures MFPL/MPFL/MQTFL

230-250 Break

250-255 GROOVE-DEEPENING TROCHLEOPLASTY REDUCES LATERAL PATELLAR MALTRACKING AND INCREASES PATELLOFEMORAL CONTACT PRESSURES:DYNAMIC SIMULATION *Koh*

255-300 Discussion of Papers

300-400 PANEL DISCUSSION with cases: Instability trochleoplasty techniques

THURSDAY

Moderator: Post

80 MINS Announcements Petri Sillanpää

810-930 IPSP RESEARCH WORKSHOPS

930-950 Break

950-1130 IPSP RESEARCH WORKSHOPS

1130-1230 LUNCH

1230-430 SIGHTSEEING TOUR OF HELSINKI

FRIDAY

Moderator: Post

800-805 Welcome Petri Sillanpää

805-835 Panel discussion: Nomenclature: where are we in 2022?

835-850 INFLUENCE OF TROCHLEAR DYSPLASIA ON THR CLINICAL OUTCOMES OF ACI OF FOCAL PATELLOFEMORAL CARTILAGE LESIONS *Ambra*

ONE-STEP TREATMENT FOR CARTILAGE LESIONS IN THE PATELLA: A PRECLINICAL TRIAL IN NEW ZEALAND RABBITS *Martinez-Cano*

850-905 Discussion of Papers

905-930 Panel discussion: Cartilage lesion repair options in 2022

930-950 Break



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- 950-1020** Panel discussion: Trochlear dysplasia Cause or Effect of Patellar Malalignment/ Instability Seitlinger / Fulkerson
- 1020-1050** POPLITEUS AVULSION INJURY AFTER MEDIAL PATELLOFEMORAL LIGAMENT INJURY *Lipinski*
- PATELLOFEMORAL JOINT STRESS IN FEMALES WHO HAVE UNDERGONE ACL RECONSTRUCTION: PRELIMINARY FINDINGS *Powers*
- PRELIMINARY RESULTS OF A NOVEL PATELLOFEMORAL UNLOADING DEVICE *Halbrecht*
- EXTENSOR MECHANISM INJURIES: A CLAIMS BASED ANALYSIS OF THEIR POST-OPERATIVE COURSE *Branch*
- 1050-1110** Discussion of Papers
- 1115-1145** Panel discussion: Rehab pearls non-op and post op
- 1200-100** LUNCH
- 100-120** WIBERG TYPE III PATELLAR AND J-SIGN DURING EXTENSION COMPROMISE TKA OUTCOMES WITHOUT PATELLAR RESURFACING *Muller*
- THE LACK OF RETROPATELLAR RESURFACING AT INDEX SURGERY IS ASSOCIATED WITH FAILURE OF PF INLAY ARTHROPLASTY *Pagenstert*
- SHORT TERM OUTCOMES OF CONCOMITANT PATELLOFEMORAL ARTHROPLASTY AND MPFL RECONSTRUCTION *Strickland*
- 120-140** Discussion of Papers
- 140-210** Panel discussion: PF Arthroplasty Options, Avoiding complications and Controversies
- 210-230** Break
- 230-400** IPSP BUSINESS MEETING *Post*



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800-805 Welcome Petri Sillanpää**805-835** CONSERVATIVE VS SURGICAL MANAGEMENT OF PEDIATRIC PATIENTS WITH FIRST-TIME DISLOCATION. A ROLE FOR SURGICAL MANAGEMENT?
*Paschos*CLINICAL OUTCOMES OF MPFL RECONSTRUCTION USING SUTURE ANCHORS IN SKELETALLY IMMATURE PATIENTS WITH RECURRENT DISLOCATION *Nagai*INCIDENCE OF 2ND SURGERY AFTER MPFL WITH OCD FRACTURE FIXATION WITH BIODEGRADABLE TACKS IN PEDIATRIC PATIENTS *Green*GREATER IMPROVEMENT IN PATELLAR TILT AFTER MPFL RECONSTRUCTION WITH AMO VERSUS MPFL RECONSTRUCTION ALONE: A COHORT STUDY *Green***835-855** Discussion of Papers**855-930** PANEL DISCUSSION with cases: Management of primary pediatric patellar dislocation**930-955** Break**955-1030** PANEL DISCUSSION with cases: Management of recurrent pediatric patellar dislocation**1030-1100** SPECIAL LECTURE: HABITUAL PATELLA DISLOCATION ERASMUS**1100-1120** Panel discussion: HABITUAL PATELLA DISLOCATION**MEETING CONCLUDES!****ACADEMIC PROGRAM MATERIALS:**www.polvilumpio.fi/ipsg-helsinki-2022

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