The International Patellofemoral Study Group (IPSG)

BANFF ACADEMIC PROGRAM

SEPTEMBER 25-28 2019

Fairmont Banff Springs
New Brunswick Room
Located on level M2
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<td>730-735</td>
<td><strong>WELCOME: Laurie Hiemstra</strong></td>
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<td>735-805</td>
<td><strong>“How do we know what we know?”</strong>  *Don Fithian*</td>
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<td>805-825</td>
<td><strong>Anatomy Papers</strong></td>
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<td>• <strong>THE ANATOMY AND LENGTH CHANGES OF THE LATERAL PATELOFEMORAL LIGAMENT AND LATERAL PATELLOTIBIAL LIGAMENT</strong> *Adam Yanke*</td>
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<td>• <strong>DIFFERENTIAL CONTRIBUTION OF THE QUADRICEPS AND PATELLAR ATTACHMENTS OF PROXIMAL MEDIAL PATELLAR RESTRAINTS TO RESIST LATERAL TRANSLATION</strong> *Adam Yanke*</td>
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<td>• <strong>THE ELONGATED FEMORAL FOOTPRINT OF THE MPFC: IMPLICATIONS FOR RECONSTRUCTION</strong> *Miho Tanaka*</td>
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<td>825-840</td>
<td><strong>Discussion of papers</strong></td>
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840-900 Cartilage Papers

- LONG-TERM COMPARATIVE ANALYSIS OF RESULTS OF AUTOLOGOUS HYALINE (LIKE) PRODUCING CARTILAGE REPAIR PROCEDURES FOR PATELLOFEMORAL MID-SIZE TO LARGE-SIZE GRADE IV CHONDRAL LESIONS
  Deepak Goyal

- AUTOLOGOUS MATRIX-INDUCED CHONDROGENESIS TECHNIQUE IN THE TREATMENT OF PATELLAR CARTILAGE LESIONS
  Massimo Berruto

- PATELLOFEMORAL CARTILAGE RESTORATION: A SYSTEMATIC REVIEW AND META-ANALYSIS OF OUTCOMES
  Betina Hinckel

- MATRIX-INDUCED AUTOLOGOUS CHONDROCYTE IMPLANTATION (MACI) FOR PATELLOFEMORAL CARTILAGE DEFECTS: 6 MONTH RADIOGRAPHIC RESULTS.
  Sabrina Strickland

900-915 Discussion of papers

915-930 BREAK

930-950 Anterior Knee Pain Papers - Session 1

- A STRONG LINK BETWEEN ANTERIOR KNEE PAIN AND FEMOROACETABULAR IMPINGEMENT
  Vincente Sanchis-Alfonso

- NEOVASCULARIZATION OF THE FAT PAD - AN OVERLOOKED CAUSE OF AKP
  Scott Dye

- BRAIN NETWORK FUNCTIONAL CONNECTIVITY IN AKP PATIENTS: A RESTING STATE FUNCTIONAL MRI EXPLORATORY STUDY
  Vincente Sanchis-Alfonso

950-1005 Discussion of papers
1005-1035 Anterior Knee Pain Papers - Session 2

- TIBIAL TUBERCLE TRANSFER TO UNLOAD THE PF JOINT: CURRENT EVIDENCE REVIEW
  Geert Pagenstert

- PRELIMINARY EXPERIENCE WITH THE MD3T, A NOVEL TIBIAL TUBERCLE TRANSFER
  Tom Merchant

- PATELLOFEMORAL PAIN IN HALF MARATHON RUNNERS
  Juan Pablo Martinez

- TIBIOFEMORAL KINEMATICS IN TRANSVERSE AND FRONTAL PLANES INFLUENCE LOCATION AND MAGNITUDE OF PEAK PATELLAR CARTILAGE STRESS
  Chris Powers

1035-1050 Discussion of papers

1050-1105 Evaluation of psychological factors affecting anterior knee pain
  Vincente Sanchis-Alfonso

1105-1145 Anterior Knee Pain Debate:
  Homeostasis, synovium, peripatellar soft tissues/tendons, cartilage repair, alignment, psychological considerations
  Scott Dye, Vincente Sanchis-Alfonso, Ron Grelsamer, John Fulkerson
  Moderator: Bill Post
1145-1230  LUNCH

1230-1245  PF Arthroplasty Papers
  • INVESTIGATION INTO POSSIBLE REASONS FOR DISSATISFACTION WITH TKA
    Jenny McConnell
  • PATELLOFEMORAL ARTHROPLASTY: A MULTI-REGISTRY ANALYSIS
    Don Fithian

1245-1255  Discussion of papers

1255-115  Physical Exam Papers
  • ACCURACY AND RELIABILITY OF THE VISUAL ASSESSMENT OF PATELLAR TRACKING
    Andy Cosgarea
  • A STANDARD Q ANGLE PROTOCOL: A VALID AND RELIABLE Q ANGLE MEASUREMENT
    Al Merchant
  • CHARACTERISTICS OF PATIENTS PRESENTING WITH POSITIVE MEDIAL APPREHENSION TEST
    Tom Branch

115-130  Discussion of papers

130-135  PF Imaging Papers
  • INTER-RATER RELIABILITY OF MRI MEASUREMENT OF TT-TG, TROCH MORPHOLOGY, AND PATELLAR HEIGHT: THE EFFECT OF SLICE SELECTION
    Bob Magnusson

135-140  Discussion of papers

140-155  Update on the Online Patellofemoral Course
  Seth Sherman, Jackie Brady, Adam Yanke
215-240 Trochlear Evaluation Papers - Session 1

- SAGITTAL TROCHLEAR LENGTH IS AN IMPORTANT FACTOR IN TROCHLEAR DYSPLASIA AND PATELLAR INSTABILITY
  Jackie Brady

- THE EFFECT OF TROCHLEAR DYSPLASIA ON COMMONLY USED RADIOGRAPHIC PARAMETERS TO ASSESS PATELLAR INSTABILITY
  Lee Pace

- LATERAL TROCHLEAR INCLINATION: A RELIABLE AND QUANTIFIABLE MEASURE OF TROCH DYSPLASIA
  Lee Pace

- FEMORAL TROCHLEAR GEOMETRY IN PATIENTS WITH TROCHLEAR DYSPLASIA USING MRI ORTHOGONAL TROCHLEAR VIEW
  Felipe Ambra

240-255 Discussion of papers

255-320 Trochlear Evaluation Papers - Session 2

- THE EVALUATION OF TROCHLEAR AND SUPRATROCHLEAR OSSEOUS MORPHOLOGY - AN EPIDEMIOLOGIC STUDY
  Lutul Farrow

- MORPHOLOGICAL CHARACTERISTICS OF THE TROCHLEA OF PATIENTS WITH PATELLAR INSTABILITY: CONVEXITY OF THE TROCHLEA USING 3D COMPUTER MODELS
  Yukiyoshi Toritsuka

- A PERSPECTIVE ON TROCHLEAR DYSPLASIA AND SURGERY TO RESHAPE TROCHLEA
  John Fulkerson

- MRI MEASUREMENTS OF SAGITTAL TROCHLEAR MORPHOLOGY IN PATIENTS WITH PATELLAR INSTABILITY
  Marc Tompkins

320-335 Discussion of papers
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<td>800-810</td>
<td><strong>ANNOUNCEMENTS:</strong> Laurie Hiemstra</td>
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| 810-835 | **Patellofemoral Instability Papers - Session 1** | - DESCRIPTIVE EPIDEMIOLOGY STUDY OF JUSTIFYING PATELLAR INSTABILITY TREATMENT BY EARLY RESULTS (JUPITER) COHORT  
  Jackie Brady  
- PATELLOFEMORAL STABILIZATION WITH AND WITHOUT CARTILAGE RESTORATION  
  Seth Sherman  
- MPFL RECONSTRUCTION VS REPAIR FOR CHRONIC PATELLAR INSTABILITY  
  Seth Sherman  
- IMPACT OF TT-TG AND PATELLAR HEIGHT ON OUTCOME OF ISOLATED MPFL RECONSTRUCTION; ISAKOS MULTICENTER STUDY  
  Julian Feller |                                           |
| 835-850 | Discussion of papers |                                                                                               |                                           |
| 850-915 | **Patellofemoral Instability Papers - Session 2** | - PATELLAR CONTACT PRESSURE CHANGES AFTER STATIC VS DYNAMIC MPFL RECONSTRUCTION USING FINITE ELEMENT MODEL  
  Vincente Sanchis-Alfonso  
- EFFECTS OF MPFL, MQTFL AND MPFC GRAFT RECONSTRUCTION ON PATELLAR KINEMATICS  
  Miho Tanaka  
- ‘DIGGING’ THE TUNNEL - FRACTURE RISK AND MPFL PATELLAR GRAFT FIXATION  
  David Diduch  
- PREOP OPIOID USE ASSOCIATED WITH POSTOP OPIOID USE AND INFERIOR OUTCOMES AFTER PATELLA STABILIZATION SURGERY  
  Matt Bollier |                                           |
| 915-930 | Discussion of papers |                                                                                               |                                           |
945-1010  Patellofemoral Instability Papers - Session 3

- RISK FACTORS FOR PATELLAR INSTABILITY USING A QUANTITATIVE ANALYSIS OF TROCHLEAR DYSPLASIA
  
  Lee Pace

- RESPONSIVENESS OF PROMIS-CAT VS A LEGACY OUTCOME SCORE (KOOS) FOR MPFL SURGERY
  
  Seth Sherman

- MPFL-R USING QUADRICEPS AUTOGRAPH WITH TTT AND TROCHLEAR BUMP RESECTION IN REVISION SURGERY: 2 CASES
  
  Takehiko Matsushita

- THE SUPERFICIAL QUADRICEPS TECHNIQUE FOR POST-TKA PATELLA
  
  Deepak Goyal

1010-1025  Discussion of papers

1025-1040  Patellofemoral Instability Papers - Session 4

- MRI STUDY OF THE VASTUS MEDIALIS: COMPARISON BETWEEN PATIENTS WITH PATELLAR INSTABILITY AND CONTROLS
  
  Riccardo Gobbi

- CORRECTING CORONAL AND AXIAL PLANE MALALIGNMENT IN RECURRENT LATERAL PATELLAR INSTABILITY: WHY, WHEN AND HOW?
  
  Alan Getgood

1040-1050  Discussion of papers
1050-1110  Patella Alta papers

- ACCELERATED REHAB AFTER TIBIAL TUBERCLE DISTALIZATION FOR PATELLAR DISLOCATION DOES NOT INCREASE RISK OF SURGICAL COMPLICATIONS
  Petri Sillanpää

- TIBIAL TUBEROSITY DISTALIZATION DECREASES PF CONTACT PRESSURE AND NORMALIZES TRACKING IN PATIENTS WITH PATELLA ALTA AND INSTABILITY
  Jason Koh

- DOES PATELLA ALTA LEAD TO WORSE OUTCOMES IN PATIENTS WHO UNDERGO ISOLATED MPFL RECONSTRUCTION? A SYSTEMATIC REVIEW
  Geert Pagenstert

1110-1125  Discussion of papers

1125-1145  Panel Discussion:
Surgical treatment of patellar instability in skeletally immature.
Dan Green (moderator) Marie Askenberger, Jack Andrish, Petri Sillanpää
1145-1230 LUNCH

1230-1250 Trochleoplasty Results
- MINI-OPEN TROCHLEOPLASTY FOR RECURRENT PATELLAR INSTABILITY - SURGICAL TECHNIQUE AND RESULTS
  Petri Sillanpää
- DEEPENING TROCHLEOPLASTY OUTCOMES WITH THE THICK SHELL TECHNIQUE
  David Diduch
- COMBINED DEEPENING TROCHLEOPLASTY / SUPRACONDYLAR EXTERNAL ROTATION OSTEOTOMY FOR INSTABILITY
  Roland Biedert

1250-105 Discussion of papers

105-135 Panel Discussion:
  What are the indications for trochleoplasty? And what kind?
  Liza Arendt (moderator), Roland Biedert, David Diduch, Petri Sillanpää

135-140 Systematic review of surgical indications for tibial derotational osteotomy
  Liza Arendt

140-220 Torsion evaluation and correction in patellofemoral disorders: concepts, measurement, surgical technique and cases
  Bob Teitge, Vincente Sanchez-Alfonzo

220-235 BREAK

235-330 IPSG Business Meeting
  Bill Post
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<td>755-800</td>
<td>WELCOME AND ANNOUNCEMENTS: Laurie Hiemstra</td>
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| 800-845  | Delphi consensus project of PF cartilage restoration  
Jack Farr |
| 845-915  | Consensus on treatment of AKP - survey and planning for consensus  
Don Fithian |
| 915-100  | CONCURRENT RESEARCH WORKSHOPS ** |

**Frontenac Room:**  
915-100  
- CONSENSUS ON UTILIZATION OF PATELLOFEMORAL INSTABILITY MRI RISK FACTOR MEASUREMENTS  
  Betina Hinckel, Liza Arendt, Jack Farr  

**New Brunswick Room:**  
915-1030  
- VISUAL ASSESSMENT OF PATELLAR TRACKING WITH THE USE OF A DIGITAL REFERENCING TOOL  
  Miho Tanaka, Petri Sillanpää, Matt Best, Andy Cosgarea  

1045-100  
- CHARACTERIZATION AND CORRELATION TO PATHOANATOMY OF THE J SIGN IN LATERAL PATELLOFEMORAL INSTABILITY  
  Laurie Hiemstra, Brendan Sheehan, Sarah Kerslake  

** please note there will be a coffee break from 1030 to 1045**
The IPSG gratefully acknowledges our sponsors for this event:

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