

The ACL Study Group
acknowledges and appreciates
the support of unrestricted educational
grants from the following companies:



ACL Study Group Committees 2008 – 2010

Niklaus F. Friederich – Chair – Europe

Julian Feller – Vice Chair – Asia

John Campbell – Vice Chair - North America

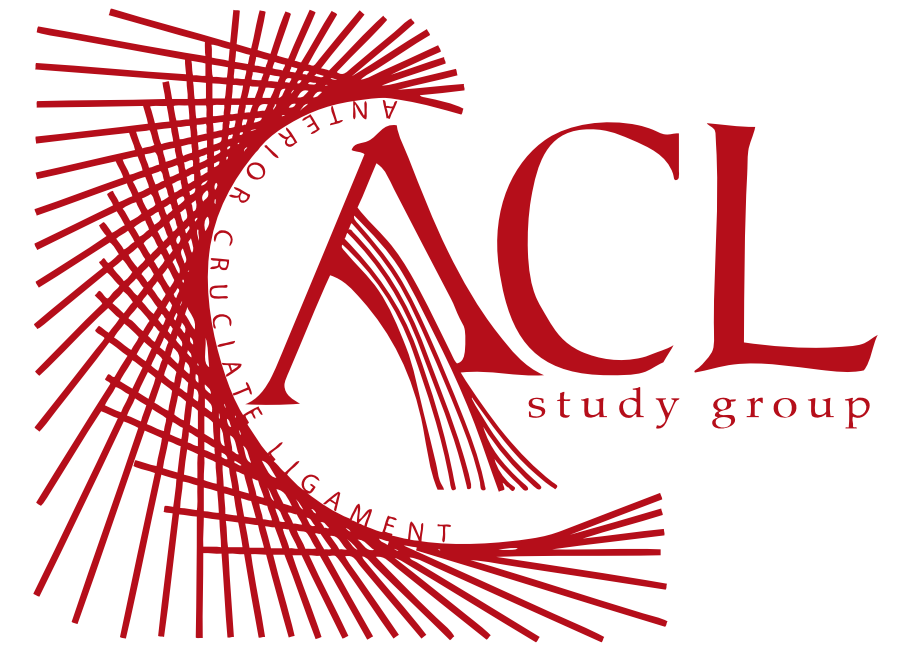
John Bergfeld – Executive Director

John Feagin – Founder

Philippe Neyret – Chair, Membership Committee

Martha Murray – Chair, Scientific Committee

Markus Arnold – Chair, Program Committee



SATURDAY, FEBRUARY 20, 2010
THRU
FRIDAY, FEBRUARY 26, 2010

SATURDAY, FEBRUARY 20

18:00 - 20:00 Reception / Registration

SUNDAY, FEBRUARY 21

07:00 - 07:15

Welcome / Introduction Nik Friederich/Markus Arnold
Hans Paessler/John Bergfeld

Comparative Technique Papers

Moderator: John Bergfeld

07:15 - 07:21

A Prospective Randomized Study of ACL Reconstructions Using BPB Grafts Fixed With Bioabsorbable or Metal Interference Screws. A 7.5 Year Follow-up of the Clinical Outcome and an MRI Analysis of the Bioabsorbable Screws
Jon Drogset

07:22 - 07:28

A Prospective Randomized Study Comparing Two Methods of Tibial Fixation in ACL Reconstruction: Interference Screws and Staples vs a Polyethylene Screw and Sheath
David Parker

07:29 - 07:34

Anterograde vs Retrograde Tibial Screw Fixation - A 6 Year Follow Up
Werner Siekmann (Klaus Lehrberger)

07:35 - 07:50

DISCUSSION

07:51 - 07:57

Hamstrings vs PTB Time Zero: Quality Control and CAOS Stressradiography in ACL Reconstruction
Burt Klos

07:57 - 08:03

Level 1 Prospective Clinical Study Comparing All-Inside vs Endoscopic ACL Fixation Using Allograft Soft Tissue
Pat Smith (John Feagin, John Campbell)

08:03 - 08:09

The Control of Knee Kinematics Achieved by Intra-articular ACL Reconstruction vs Intra-articular Reconstruction and Lateral Tenodesis: Intra-operative Measurement Using Surgical Navigation
Philippe Colombet

08:10 - 08:25

DISCUSSION

08:30 - 09:00

BREAK

09:00 - 10:00

Symposium #1: Knee Terminology

Moderator: Mark Clatworthy

Technique Papers

10:00 - 10:06

Making the Transition to All Inside ACL Technique
James Lubowitz

10:07 - 10:13

Knot Security of Sutures Used in ACL Reconstructive Surgery
Hans Paessler

10:14 - 10:20

Foreign Material Free ACL Reconstruction with Hamstring 4 Years Follow Up
Gernot Felmet (Manfred Bernard)

10:21 - 10:27

OPEN

10:30 - 10:50

DISCUSSION

Clinical Evaluation of ACL 1

10:50 - 10:56

How Uniform Are Our Manual Test for Diagnosis of ACL Injury?
Masahiro Kurosaka

10:57 - 11:03

The Validity of Using the Clinical Examination to Quantify Surgical Outcomes
Cale Jacobs (Thomas Branch)

11:04 - 11:10

Correlation Between Proprioception and Functional Outcome After ACL Injury: A Critical Review
Alli Gokeler (Markus Arnold)

11:11 - 11:17

How Good Are We at Clinical Examination Following ACL Reconstruction?
Freddie Fu

11:17 - 11:45

DISCUSSION

11:45 - 13:30

LUNCH

Clinical Evaluation of ACL 2

Moderator: Niklaus Friederich

13:30 - 13:36

Clinical Validation of a New Non-Invasive Device Used to Quantitatively Assess the Pivot Shift Test
Stefano Zaffagnini

13:37 - 13:43

Dynamometric Platforms for Evaluating the Pivot Shift Test in the ACL Deficient and Operated Knee
Vincente Sanchis-Alfonso

13:44 - 13:50

Preventive Bracing
Pat Cawley (John Feagin)

13:50 - 14:15

DISCUSSION

14:15 - 14:21

Instrumented Quantification of AP Translation of the Knee Taking Into Account Rotational Laxity
Hermann Mayr

14:22 - 14:28

ACL Rupture: A New Instrument to Evaluate Instability and Rotation in CT Scan and MRI
Joao Espregueira (Matteo Denti)

14:29 - 14:35

What is the Role of the Posterolateral Bundle of the ACL During the Pivot Shift?
Andrew Amis

14:36 - 14:42

Tibial Rotation During the Lachman Test. Effect of Sequential Cutting of the ACL Bundles
Pascal Christel

14:45 - 15:15

DISCUSSION

15:15 - 16:00

Symposium #2 - Clinical Evaluation

Participants: Stefano Zaffagnini, Vincente Sanchis-Alfonso, Pat Cawley, Hermann Mayr, Joao Espregueira, Andrew Amis, Pascal Christel

18:00 - 22:00

BBQ

MONDAY, FEBRUARY 22

06:00 - 07:00

1st Business Meeting (Members Only)

Revision ACL Reconstruction

Moderator: John Bartlett

07:00 - 07:06

New Technique for Evaluation of Tunnel Position in Failed Cases of ACL Reconstruction
Philippe Neyret

07:07 - 07:13

Radiographic Assessment of the Femoral Tunnel Entrance Area Prior to the ACL Revision Surgery
Roland Biedert

07:14 - 07:20

Revision Surgery after Double Bundle Reconstruction
Jurgen Eichhorn

07:21 - 07:27

Comparison of Patellofemoral Cartilage Damage at the Time of ACL Revision Surgery Between Patellar Tendon Autografts vs Other Grafts at the Primary Reconstruction
Christopher Kaeding

07:28 - 08:00

DISCUSSION

08:00 - 08:30

BREAK

Pediatric ACL Reconstruction

08:30 - 08:36

Skeletal Maturity Significantly Affects Functional ACL Healing
Martha Murray

08:37 - 08:43

ACL Reconstruction in Children with Open Physis
Robert Smigielski (Hans Paessler)

08:44 - 08:50

MRI Evaluation of a New Scaffold-Based Allogenic Chrondryle Implantation for Cartilage Repair
Fredrik Almqvist

08:50 - 09:15

DISCUSSION

Treatment Trends

09:15 - 09:30

Treatment Trends with ACL, PCL, MCL and Cartilage Problems
John Campbell

09:31 - 09:37

Epidemiology of ACL Reconstruction: Trends, Complications, Subsequent Knee Surgery
Seth Sherman (Mark Clatworthy)

09:38 - 09:44

Latest Results from the Swedish ACL Register
Magnus Forssblad

09:45 - 09:51

Significance of Associated Cartilage Defects and Meniscus Injuries, Timing of Surgery and Patient Age in Primary and Revision ACL Reconstructions. Data at 1 and 2 Year Follow-up From the Swedish ACL Registry
Karl Eriksson (Magnus Forssblad)

09:55 - 10:15

DISCUSSION

10:15 - 11:00

John Feagin Lecture - Thailand: A Golden Land

Chanin Lamsam

11:00 - 16:00

FREE TIME

Femoral Tunnel Position

Moderator: Peter Hertel

16:00 - 16:06

Femoral Tunnel Position - Are We Anatomical? A Critical Analysis on 3D CT Scans
Tim Spalding

16:07 - 16:13

The Residents Ridge as an Arthroscopic Landmark for an Anatomical Femoral Tunnel in ACL Reconstruction
Konsei Shino

16:14 - 16:20

The Flip Cutter Technique for Femoral Tunnel Positioning in ACL Reconstruction
Mark Clatworthy

16:21 - 16:27

Transibial vs Anteromedial Portal Reaming in ACL Reconstruction: An Anatomical and Biomechanical Evaluation of Surgical Technique
Asheesh Bedi (Riley Williams)

16:28 - 17:00

DISCUSSION

17:00 - 18:00

Symposium #3: Femoral Tunnel Position

Participants: Tim Spalding, Konsei Shino, Mark Clatworthy, Asheesh Bedi

Meniscus

18:00 - 18:07

"Tie-Grip Suture": Novel Arthroscopic Repair Procedure for Radial Tears of Meniscus
Ken Nakata (Konsei Shino)

18:08 - 18:15

Meniscal Allograft Shrinkage
Thomas Carter

18:16 - 18:23

Long-Term Survival of Concurrent Meniscus Allograft Transplantation and Articular Cartilage Repair: A Prospective 11 Year Follow Up Evaluation
Kevin Stone

18:24 - 18:31

Histological and MRI Findings Following Treatment of Irreparable Symptomatic Meniscal Tissue Loss with Porous Synthetic Scaffold
Rene Verdonk

TUESDAY, FEBRUARY 23

FREE DAY

WEDNESDAY, FEBRUARY 24

06:30 - 07:30

2nd Business Meeting (Members Only)

Double Bundle ACL Reconstruction

Moderator: James Lubowitz

07:30 - 07:36

Double Bundle ACL Reconstruction
Timo Jarvela (Matjaz Veselko)

07:37 - 07:43

Retrospective Review of Single and Double Bundle ACL Reconstructions at One Institute: Clinical and Objective Outcome Assessment
Albert Pearsal

07:44 - 07:50

Intra-operative Evaluation of Anteroposterior and Rotational Stabilities in ACL Reconstruction: Single Bundle vs Double Bundle Reconstruction
Mitsuo Ochi

07:51 - 08:15

DISCUSSION

08:15 - 08:21

Knee Rotational Laxity: A Prospective Randomized Comparison of Single vs Double Bundle ACL Reconstruction
Willem van der Merwe

08:22 - 08:28

Biomechanical Study of a Computer Simulated Single and Double Bundle Reconstructions of the ACL
Matjaz Veselko

08:29 - 08:35

Biomechanical Evaluation of Anatomical Double Bundle ACL Reconstruction Using the Anatomic ACL Guide Systems: Comparison of Three Different Procedures
Eiji Kondo (Andrew Amis)

08:36 - 08:42

ACL Bundles Strain Pattern - Influence of Bundle Mismatch
Mustafa Karahan (Pascal Christel)

08:45 - 09:00

DISCUSSION

09:00 - 09:30

Symposium #4: Anatomical ACL Reconstruction

What We Have Learned Freddie Fu, Sebastian Kopf,

Carola van Eck

The Pittsburgh Experience

09:30 - 09:50

BREAK

Hamstring Harvest

09:50 - 09:56

Hamstring Strength Recovery Following Hamstring Tendon Harvest for an ACL Reconstruction: A Comparison Between Graft Types
Julian Feller

09:57 - 10:03

Hamstring Harvest for ACL Reconstruction: Is There a Disadvantage?
Bjorn Engstrom

10:04 - 10:14

DISCUSSION

Traveling Scientists Session

Moderator: Martha Murray

10:15 - 10:25

Simulated ACL Injury Mechanisms: The Effects of Knee Abduction and Anterior Tibial Shear Loads on Passive Knee Restraints
Tim Hewett

10:26 - 10:36

Application of Growth Factor to Tendon Graft in Ligament Reconstruction
Harukazu Tohyama

10:37 - 10:47

Travel Report
T. Hewett/H.Tohyama

10:48 - 10:58

Lysholm Scores and Tegner Index to Assess Function and Return to Activity Outcomes Six Years After Partial Meniscectomy vs Collagen Meniscus Implants
William Rodkey

10:58 - 11:03

Travel Report
W. Rodkey

11:00 - 16:00

FREE TIME

Miscellaneous ACL

Moderator: Bent Wulff Jakobsen

16:00 - 16:06

The Effect of Medial vs Lateral Meniscectomy on the Stability of the ACL Deficient Knee
Andrew Pearle (Thomas Wickiewicz)

16:07 - 16:13

Quadriceps Muscle Function After ACL Reconstruction
Roland Becker (Rainer Siebold)

16:14 - 16:20

Anterior Tibial Subluxation May Increase in Chronic ACL Deficient Knees
Ryosuke Kuroda (Masahiro Kurosaka)

16:21 - 16:27

Training Effects of a Knee Extension Constraint Brace on Lower Extremity Motion Patterns and the Risk of a Non-contact ACL Injury
Gary Losse

16:30 - 17:00

DISCUSSION

Other Ligaments

17:01 - 17:07

Open Single Stage Complete Reconstruction of Traumatic Knee Dislocation in Sports Professionals - What Can We Expect? - A Mid to Long-Term Follow Up Study
Michael Hirschmann (Peter Burkart)

17:08 - 17:14

Functional Outcomes Following Surgical Treatment of Posterior Cruciate Ligament Tears
Damir Hudetz (Nik Friederich)

17:15 - 17:21

Biomechanical Comparisons Between 4-Strand Anatomic and Modified Larson's Procedures for Posterolateral Corner Reconstruction
Bent Wulff Jakobsen

17:22 - 17:28

Injury of the Proximal Deep MCL - A Problematic Subgroup of MCL Injuries
Andy Williams

17:29 - 17:49

DISCUSSION

17:50 - 18:50

Symposium #5: Multi-Ligament Injuries

Participants: John Bartlett, John Bergfeld,

Jurgen Eichhorn, Magnus Forssblad, Michael Hirschmann

THURSDAY, FEBRUARY 25

Basic Science

Moderator: Julian Feller

08:00 - 08:06

Growth Factors Release After ACL Single Bundle Reconstruction
Matteo Denti

08:07 - 08:13

A Modified Technique for Tunnel Placement in ACL Reconstruction: From Circumference to Center
Chanin Lamsam

08:14 - 08:20

Diagnostic Value of Quantitative Contract-Enhanced MRI in Evaluating the Revascularization of the ACL Autograft
Tassos Georgoulis

08:20 - 08:40

DISCUSSION

08:40 - 08:46

Preserving Joint Lubrication Delays Arthritis in the ACL-Deficient Rat Knee
Braden Fleming

08:47 - 08:53

Early Response of Joint Tissue to the ACL Autografting in the Ovine Stifle Joint
Cyril Frank

08:54 - 09:00

Effect of Fatigue on Landing Biomechanics Following ACL Reconstruction Surgery
Kate Webster (Julian Feller)

09:00 - 09:30

DISCUSSION

09:30 - 10:00

BREAK

10:00 - 11:00

Symposium #6 - Basic Science

Participants: Matteo Denti, Tassos Georgoulis,

Braden Fleming, Cyril Frank, Kate Webster

Long Term Follow Up

11:00 - 11:06

Knee Function and Prevalence of Knee Osteoarthritis After ACL Reconstruction: A Prospective Study with 10-15 Years Follow-up
Kristian Aune