

The ACL Study Group acknowledges/appreciates the support of unrestricted educational grants from the following sponsors:



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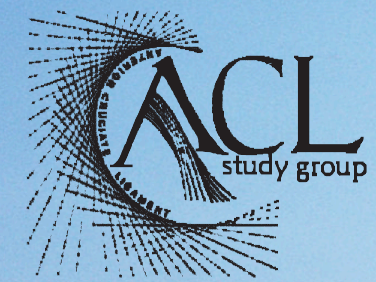
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Website: www.aclstudygroup.com

email: ACLSTUDYGROUP@WOWWAY.COM



Engelberg

Switzerland

Sunday, March 23 – Friday, March 28, 2008



SUNDAY, MARCH 23, 2008

6:00p.m. - 8:00 p.m. REGISTRATION/
RECEPTION
Ramada Inn

MONDAY, MARCH 24, 2008

7:00a.m. - 7:15a.m.
WELCOME - Steve Howell, Roger Larson,
Peter Burkart

SESSION # 1
MODERATOR: John Bergfeld

7:15a.m. - 7:25a.m.
Survey - John Campbell

7:25a.m. - 7:32a.m.
Paper #1 - Magnus Forssblad
(25) 'The Swedish ACL - Registry- Xbase'

7:32a.m. - 7:39a.m.
Paper #2 - Walter Lowe (29) 'The Routine Culture
of Allograft Tissue in Anterior Cruciate Ligament
Reconstruction'

7:39a.m. - 7:46a.m.
Paper #3 - Matteo Denti (18)
'Revision Anterior Cruciate Ligament Reconstruction'

7:46a.m. - 7:53a.m.
Paper #4 - Martin Lind (38) 'The First Results from the
Danish Registry for Knee Ligament Reconstructions'

7:53a.m. - 8:23a.m. **DISCUSSION**

8:23a.m. - 9:00a.m.
Introduction of Traveling Scientists by Steve Howell

9:00a.m. - 10:00a.m. **SYMPOSIUM #1**
"The Next Generation of ACL Surgery:
Biologic Enhancements of Grafts and Repairs"
Participants: Branden Fleming, Martha Murray,
Ben Wu, David Kaplan, Greg Altman

10:00a.m.-10:30a.m.
Introduction and Report of the ACL Study Group
Traveling Scientists - Bruce Beynnon/Martha Murray
by Steve Howell

10:30a.m. - 4:30p.m. **BREAK**

SESSION #2
MODERATOR: Matteo Denti

4:30p.m. - 4:37p.m.
Paper #5 - Jurgen Eichhorn (34) 'Is the Computerized
Navigation System Able to Reduce the Double Trouble
Situation of the Double Bundle Reconstruction?'

4:37p.m - 4:44p.m
Paper #6 - B Moyen (45) 'Comparative Study of
Knee Anterior Cruciate Ligament Reconstruction with
or without Fluoroscopic Assistance: A Prospective
Comparative Study of 73 Cases'

4:44p.m - 4:51p.m.
Paper #7 - Andrew Pearle (52B) 'In Vivo Analysis
of the Pivot Shift Phenomena During Computer
Navigated ACL Reconstruction'

4:51p.m - 4:58p.m.
aper #8 - Tom Branch 'Single versus Double Bundle
Reconstruction: Evaluation with Robotic Tibial Axial
Rotation Testing with Magnetic Field Position Sensors
and Patient Satisfaction

4:58p.m - 5:30p.m. **DISCUSSION**

5:30p.m - 6:30p.m. **SYMPOSIUM #2**
"New Technology for Guidance and Laxity Evaluation -
What is it telling us? What does it mean? Does it
help?" Participants: Jason Koh, Tom Branch, Jurgen
Eichhorn, Yasuyuki Ishibashi, Phil Colombet

TUESDAY, MARCH 25, 2008

7:00a.m. - 7:30a.m FIRST BUSINESS MEETING
(Members Only)

SESSION #3
MODERATOR: Julian Feller

7:30a.m. - 7:37a.m.
Paper #9 - Bent Wulff Jakobsen (32B)
'The Incidence of meniscal and Cartilage Lesions
Increases with Time after ACL Injury'

7:37a.m. - 7:44a.m.
Paper #10- Vladimir Bobic (9) 'The Significance of
Subchondral Events in the Knee: A Clinical Review'

7:44a.m. - 7:51a.m.
Paper #11 - C Fink (23) 'The 'Lateral Notch Sign'
Revised'

7:51a.m. - 8:11a.m. **DISCUSSION**

8:11a.m. - 8:18a.m.
Paper #12 - Scott Dye (20) 'The Prevention of
Post-operative Arthritis following ACL Reconstruction
is Possible if Osseous Homeostasis is Restored and
Maintained'

8:18a.m. - 8:25a.m.
Paper #13 - Donald Shelbourne (57A) 'Incidence of
Subsequent Injury to Either Knee within the First Five
Years after Anterior Cruciate Ligament Reconstruction'

8:25a.m. - 8:32a.m.
Paper #14 - Donald Shelbourne (57B) 'Return to
Activity Following ACL Reconstruction in Competitive
high School Athletes'

8:32a.m. - 9:00a.m. **DISCUSSION**

SESSION #4
MODERATOR: John Cambell

9:00a.m. - 9:07a.m.
Paper # 15 - Chadwick Prodromos (53) "Posterior
Mini-Incision Technique for Hamstring Anterior
Cruciate Ligament Reconstruction Graft Harvest"

9:07a.m. - 9:14a.m.
Paper #16 - Albert van Kampen (62A) 'The
Difference Between Open and Closed High Tibial
Osteotomy'

9:14a.m. - 9:21a.m.
Paper #17 - Gene Barrett (5) 'Allograft Anterior
Cruciate Ligament Reconstruction in the Young,
Active Patient'

9:21a.m. - 9:28a.m.
Paper #18 - CR Allen (1) 'Clinical Measurements of
GAG Synthesis in Human Articular Cartilage In Vivo'

9:28a.m. - 10:00a.m. **DISCUSSION**

10:00a.m. - 11:00a.m. **SYMPOSIUM #3**
"ACL Induced Osteoarthritis - From the Bench to
the Bedside" Participants: Martha Murray, Branden
Fleming, Scott Tashman, Cy Frank, Philippe Neyret

11:00a.m. - 4:30p.m. **BREAK**

SESSION #5
MODERATOR: Peter Burkart

4:30p.m. - 4:37p.m.
Paper #19 - Julian Feller (22) 'Non-sagittal Plane 3-D
Motion Analysis Data Following ACL Reconstruction'

4:37p.m. - 4:44p.m.
Paper #20 - Jason Koh (37) 'Rotational Stability of
the Knee in Single-Bundle ACL Reconstructions'

4:44p.m. - 4:51p.m.
Paper #21 - David McAllister (42) 'How Well do
Single and Double Bundle ACL Reconstructions
Restore Rotational Stability?'

4:51p.m. - 4:58p.m.
Paper #22 - Lonnie Paulos (51) 'Knee Stability after
Single (+/- ITBT) vs. Double Bundle, BTB, ACL
Reconstruction

5:00p.m. - 5:30p.m.
**John A. Feagin Lecture - "Switzerland -
My Homeland" by Mr. Geni Hess**

5:37p.m. -5:44p.m.
Paper #23 - Manfred Bernard (8) 'Measurement
of Active and Passive Rotational Knee Laxity after
Single-Bundle ACL Reconstruction with B-Pt-B-Graft
using an Optical Motion Capturing System'

5:44p.m. - 5:51p.m.
Paper #24 - Pascal Christel (14B) 'Optimum Knee
Flexion for Drilling Posterolateral Femoral Tunnels
during Double-Bundle ACL Reconstruction through a
Medial Portal

5:51p.m. - 6:30p.m. **DISCUSSION**

WEDNESDAY, MARCH 26, 2008

SESSION #6
MODERATOR: Jurgen Eichhorn

7:00a.m. - 7:07a.m.
Paper #28 - PT Annear (3) 'ACL Reconstruction
using Autologous Double Hamstrings: A Comparison
of Standard Versus Minimal Notch Debridement
Techniques using MRI to Assess revascularization.
A Randomized Prospective Study with One Year
Follow-up'

7:07a.m. - 7:14a.m.
Paper #29 - SR Bollen (10) 'Can We Predict
Hamstring Graft Size for Anterior Cruciate Ligament
Reconstruction'

7:14a.m. - 7:21a.m.
Paper #30 - Deanna Boyette/Christopher Hasty (6)
'Double Bundle ACL Reconstruction, a Modification of
Existing Technique'

7:21a.m. - 7:28a.m.
Paper #31 - James Lubowitz (40) 'All-inside ACL
Reconstruction: Pearls, Pitfalls, and Preliminary
Results'

7:28a.m. - 8:00a.m. **DISCUSSION**

8:00a.m. - 8:07a.m.
Paper #32 - William Garrett (27) 'Femoral Tunnel
Placement during ACL Reconstruction'

8:07a.m. - 8:14a.m.
Paper #33 - Andreas Imhoff (31) 'Anatomic Double-
Bundle Reconstruction of the Anterior Cruciate
Ligament - Basic Science and State-of-the-Art Surgical
Technique'

8:14a.m. - 8:21a.m.
Paper #34 - Rainer Siebold (55) 'Insertions of the
Anteromedial and Posterolateral Bundles of the
ACL. Morphometry, Arthroscopic Landmarks and
Orientation Models for Bone Tunnel Placement'

8:21a.m. - 8:28a.m.
Paper #35 - Willem van der Merwe (62)
'MRI Classification'

8:28a.m. - 9:00a.m. **DISCUSSION**

9:00a.m. - 9:07a.m.
Paper #25 - Thomas DeBerardino (65) 'Comparison
of Single Bio-Transfix Femoral Fixation for Double and
Single Bundle Hamstring ACL Reconstruction'

9:07a.m. - 9:14a.m.
Paper #26 - Vicente Sanchis-Alfonso
(56A)'Relationship Between the Obliquity of the Graft
in the Coronal Plane and Rotatory Stability after ACL
Reconstruction'

9:14a.m. - 9:21a.m.
Paper #27 - Peter Burkart 'Inside Out vs. Outside In,
Placement of Femoral Tunnel for ACL Reconstruction -
Does it Really Matter?'

9:21a.m. - 9:53a.m. **DSCUSSION**

SESSION #7
MODERATOR: Jim Lubowitz

9:53a.m. - 10:00a.m.
Paper #36 - Timothy Whitehead (64) 'Is There a
Correlation Between Subjective IKDC Scores and Both
Pivot Shift and KT-1000 Measurements Following
Anterior Cruciate Ligament Reconstruction?'

10:00a.m. - 10:07a.m.
Paper #37 - Don Johnson (33) 'Septic Arthritis
Following ACL Reconstruction'

10:07a.m. - 10:14a.m.
Paper #38 - P. Neyret (48) 'Patello-femoral Changes
24.5 Years After BPTB ACL Reconstruction'

10:14a.m. - 10:44a.m. **DISCUSSION**

10:44a.m. - 10:51a.m.
Paper #39 - Martha Murray (46) - 'Biomechanical
Validation of the Porcine ACL Transection Model:
An In Vivo Study'

10:51a.m. - 10:58a.m.
Paper #40 - Gail Thornton (61) - 'Adult Ligament
Mechanical Properties are Compromised by the
Absence of Estrogen During Maturation but not
During Healing'

10:58a.m. - 11:28a.m. **DISCUSSION**

11:28a.m. **FREE TIME**

THURSDAY, MARCH 27, 2008

6:45a.m. - 7:30a.m. SECOND BUSINESS MEETING
(Members Only)

SESSION #8
MODERATOR: John Feagin

7:30a.m. - 7:37a.m.
Paper #41 - Stephen Howell (30) 'Lengthening at
the Sites of Fixation within Two Months in Knees
Reconstructed with a Tibialis Anterior Cruciate
Ligament Graft: An In Vivo Study using Roentgen
Stereophotogrammetric Analysis'

7:37a.m. - 7:44a.m.
Paper #42 - Merter Ozenci (49A) '
Proprioceptive Comparison of Allograft & Autograft
ACL Reconstruction'

7:44a.m. - 7:51a.m.
Paper #43 - Christopher Kaeding (35) 'Risk of Retear:
Allograft Versus Autograft ACL Reconstruction'

7:51a.m. - 8:30a.m. **DISCUSSION**

8:30a.m. - 8:37a.m.
Paper #44 - Marc Safran (54) 'Can Premature
Arthritis of the Knee Be Predicted Based on Gait
Mechanics after ACL Reconstruction?'

8:37a.m. - 8:44a.m.
Paper #45 - Moises Cohen (16) ' ACL reconstruction
10 to 15 Years Later - Results of Anterior Cruciate
Ligament Reconstruction: menisci, arthrosis, and
sports activities after 10-15 years'

8:44a.m. - 8:51a.m.
Paper #46 - Ph Colombet (17) 'Revision Anterior
Cruciate Ligament Reconstruction:
A Retrospective Study of 189 Cases'

8:51a.m. - 8:58a.m.
Paper #47 - DA McGuire (43) 'Revision ACL
Reconstruction: Causes, Solutions and Prevention'

8:58a.m. - 9:30a.m. **DISCUSSION**

9:30a.m. - 10:30a.m. **SYMPOSIUM #4**
"Failed ACL - Done Well: Causes of Failure After
the Well Performed Reconstruction" Participants:
Jim Lubowitz, Pascal Christel, Julian Feller, Martha
Murray, Tim Hewett

10:30a.m. **BREAK**

7:00p.m. **GALA DINNER AT RAMADA INN**

FRIDAY, MARCH 28, 2008

SESSION #9
MODERATOR: Roger Larson

8:00a.m. - 8:07a.m.
Paper #48 - Roland Becker (7) "ACL Reconstruction
in Adolescent Patients: 7 Year Follow-up"

8:07a.m. - 8:14a.m.
Paper #49 - Atsuo Nakamae (47) 'Proximal Shift of
Semitendinosus Muscle Tendon Junction Following
Hamstring Harvest for ACL Reconstruction. Evaluation
using Three-Dimensional Computed Tomography
Imaging'

8:14a.m. - 8:21a.m.
Paper #50 - Hermann Mayr (41) 'Press Fit Fixation
of the ACL Graft Beta TCP Dowels Biomechanical
Properties and Histological Findings in Sheep'

8:21a.m. - 8:28a.m.
Paper #51 - Christian Guier (11) 'The Significance of
Extra-Articular Augmentation during Anterior Cruciate
Ligament Reconstruction: Robotic Axial Tibial
Rotation Testing and Patient Satisfaction'

8:28a.m. - 9:00a.m. **DISCUSSION**

9:00a.m. - 9:07a.m.
Paper #52 - Mark Clatworthy (15) 'The Effect of
Tibial Slope on Anterior Tibial Translation in the ACL
Deficient Knee and Outcome of the ACL Reconstructed
Knee'

9:07a.m. - 9:14a.m.
Paper #53 - A Ekeland (21) 'Correction of Varus
Knees in Patients with and without ACL by Opening
Wedge Osteotomy'

9:14a.m. - 9:21a.m.
Paper #54 - Alwin Jaeger (32) 'How Do Radiographic
Findings and CT Scan after Graft Failures Influence the
Operative Management in ACL Revision Surgery using
Hamstring Tendons?'

9:21a.m. - 9:28a.m.
Paper #55 - Hayden Morris 'Revision ACL
Reconstruction in a Child - A Case Report'

9:28a.m. - 10:00a.m. **DISCUSSION**

10:00a.m. - 10:30a.m. **BREAK**

SESSION #10
MODERATOR: Nik Friederich

10:30 a.m.- 10:37a.m.
Paper #56 - JO Drogset (19) 'ACL Reconstruction with
Double Looped Semitendinosus Gracilis Grafts Versus
Bone Patellar Tendon Bone Grafts. A Prospective
Randomized Multicenter Study'

10:37a.m. - 10:44a.m.
Paper #57 - Arne Aune (4) 'Four Strand Hamstring
Tendon Autograft vs. Patellar Tendon-Bone Autograft
for ACL Reconstruction: A Randomized Study with Ten
Years Follow-up'

10:44a.m. - 10:51a.m.
Paper #58 - Hans Paessler (50) 'Long-term Results
after ACL Reconstruction using Hamstring vs. BPT
Graft in an Implant Free Press Fit Technique - An 8
Year Follow-up'

10:51a.m. - 10:58a.m.
Paper #59 - Eric Stahl (58) 'Cost Analysis of ACL
Reconstruction at an Outpatient Surgery Center'

10:58a.m. - 11:30a.m. **DISCUSSION**

11:30a.m. - 11:37a.m.
Paper #60 - Rhidian Thomas (60) 'A
Radiostereometric Analysis of Knee Laxity, Graft
Stretching and Fixation Slippage after Anterior Cruciate
Ligament Reconstruction'

11:37a.m. - 11:44a.m.
Paper #61 - Matjaz Veselko (63) 'Reproducibility and
the Importance of Isokinetic Tibial Rotatory Strength
Findings in Healthy Individuals'

11:44a.m. - 11:51a.m.
Paper #62 - MT Hirschmann (29) 'Retrospective Clinical
and Radiological Long-Term Outcome of Patients after
Traumatic Knee Dislocation'

11:51a.m. - 11:58a.m.
Paper #63 - Renee Verdonk 'Imaging findings after
meniscal repair with degradable polyurethane scaffold:
preliminary results'

11:58a.m. - 12:05p.m.
"Paper #64 - Yasuyuki Ishibashi 'Anatomical double-
bundle ACL reconstruction and its biomechanical and
anatomical evaluation using a navigation system'

12:05p.m. - 12:30p.m. **DISCUSSION**

ADJOURN