



3RD INTERNATIONAL
KNEE DAY

LECTURES, FREE PAPERS,
LIVE-OP AND WORKSHOPS

PROGRAM

MARCH 10TH TO MARCH 11TH 2022
24 HOURS AROUND THE WORLD

www.knee-day.com

PROGRAM | MARCH, 10TH 2022

02:30 PM

UTC+1

START

SESSION 1

Opening ceremony

Preoperative patellar height and decreased tibial slope are risk factors for patella baja after open-wedge high tibial osteotomy

Takashi Hoshino

Predictive Gap-Balancing Reduces the Extent of Soft Tissue Adjustment Required after Bony Resection in Robotic-Assisted TKA - A Comparison with Simulated Measured Resection

James Sullivan

Morphological Risk Factors for the Occurrence of Lateral Meniscus Posterior Root Tear in Anterior Cruciate Ligament-Injured Patients

Aritoshi Yoshihar

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03:00 PM

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MENISCUS TEAR



SESSION 2

Decision making in meniscal injuries

Sandeep Biraris

Managing complex meniscus tears

Chirag Thonse

Management of symptomatic discoid meniscus lesion

Ranjith Panigrahi

Meniscal root tears – Indications, technique and outcome

Sundarrajan

Meniscus ramp tears – repair techniques

Ips Oberoi

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FREE PAPER

SESSION 3

Tibial Slope Does Not Affect The Graft Failure Rate After Isolated Primary Anatomical ACL Reconstruction

Moritz Brunner

Double-level osteotomy for varus knee with medial compartment osteoarthritis

Honglue Tan

Foot overpronation and ACL injury in male footballers
Georgios Kakavas

Tibial-Tunnel Is Not Changed by Drilling Within the Stump of Preserved Remnants During ACL Reconstruction: Prospective Comparative 3D-CT Study

Vitor Barion C. de Padua

Should bipolar lesions of the knee be excluded from cartilage repair? A propensity score matched analysis including 238 patients

A. Bumberger

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SESSION 3

Bone Balanced Total Knee Replacements reproduces natural alignment and give high patient satisfaction without risk of mid-term revision

Ponky Fire

Effect of Total knee arthroplasty on Contralateral knee. A prospective comparative gait analysis of non-operated leg in India population

Sanket Tanpure

3D Printing Trabecular Titanium Knee Components use in Revision TKA with AORI Type II and III Defects Short-term results

Hou Yingzhou

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ACL - MANAGEMENT & SURGICAL TECHNIQUE

SESSION 4

Experience, Level of training, procedures per year

Wolf Petersen, Sven Scheffler

How to manage ACL injury: A treatment algorithm of the German Knee Society

Andrea Ellen Achtnich

ACL Reconstruction with QuadLink Graft reinforcement

Bilal Barkatali

Remnant ACL reconstruction

Thore Zantop

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ONE STAGE CARTILAGE REPAIR

SESSION 5

Experince with cartilage repair, Level of training, procedures per year

Thore Zantop, Sven Scheffler

Scientific evidence for matrix augmented cartilage repair

Martin Volz

Arthroscopic autologous matrixinduced chondrogenesis (AMIC®)

Daniel Günther

Patellofemoral Joint Preservation with AutoCart and MPFL Reconstruction

Armin Keshmiri

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MENISCUS: „SAVE THE MENISCUS“

SESSION 6

Hot topics in meniscal preservation:

Basic principles of meniscus refixation

Thore Zantop

A new approach for root tear refixation

Wolf Petersen

Meniscus transplantation, my lessons learned

Florian Dirisamer

Save the Meniscus - FastFixFlex - extended all-inside indications

Sven Scheffler

Complex Meniscus Tears Treated with Collagen Matrix Wrapping and Bone Marrow Blood Injection

Tomasz Piontek

NU Surface: A new treatment for meniscus pathologies

Sven Scheffler

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ROBOTIC KNEE ARTHROPLASTY

SESSION 7

Alignment strategies in total knee arthroplasty

Sebastien Paratte

Scientific evidence for the use of robots in TKA

Daniel Kendoff

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09:00 PM

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DIGITAL ORTHOPEDICS

SESSION 8

Digital sensor based surveillance of ACL rehabilitation

Jürgen Höher

Sensory technology to monitor RTS continuum after ACL reconstruction

Ali Gokeler

App based treatment of patellofemoral pain syndrom

Max Schenke

Digitalization in orthopedics:
Where is the journey going?

*Daniel Kendoff, Manuel Schenke, Wolf Petersen,
Thomas Stoffels, Jürgen Höher, Martin Häner*

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ANTEROLETERAL INSTABILITY

SESSION 9

Anatomy ALL

Guilherme Abreu

Biomechanics and imaging evaluation of the knee anterolateral complex

Thais Dutra Vieira

Indication ALL and LET

tba

Other Causes of pivot shift grade

Osmar Valadão

Clinical results of anterolateral reconstructions

Camilo Helito

All X lemaire biomechanics

Vitor Barion Pádua

Complications all X lemaire

Sergio Canuto Ol

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PATELOFEMORAL INSTABILITY



SESSION 10

Introduction

Manuel Mosquera

Treatment algorithm in PFI

Alex Vaisman

Patelofemoral medial reconstruction in open physis

Juan Miguel del Castillo

PFML reconstruction in adults

Manuel Pérez Zabala

Tibial osteotomy in PFI

Jesús Ignacio Cardona

Open throchleoplasty

Juan P Martinez

Arthroscopic Trocleoplastia

Manuel Mosquera

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00:00 AM
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MULTILIGAMENTOUS KNEE INJURIES



SESSION 11

Management of the acute knee dislocation

Volker Musahl

Management of chronic posteromedial instability

Michael Alaia

Management of chronic posterolateral instability

Anil Ranawat

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00:50 AM

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DIAGNOSIS AND TREATMENT OF ROTATORY KNEE INSTABILITY

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American Orthopaedic Society
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SESSION 12

Anatomy of the anteromedial and anterolateral structures

Jeremy Burnham

Management of anteromedial stability

Andrew Sheehan

Management of anterolateral rotatory instability (ALRI)

Alan Getgood

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01:40 AM
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PATELLA INSTABILITY

aossmTM
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SESSION 13

Management of the acute patellofemoral instability

Thierry Pauyo

MPFL reconstruction

Darren de SA

Trochlea dysplasia

Lutul Farrow

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02:25 AM
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CARTILAGE PRESERVATION

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SESSION 14

Management of large Chondral and
Osteochondral Defects in the Patellofemoral Joint

Brian Forsythe

Management of Large Chondral and
Osteochondral Defects in the Patellofemoral Joint

Seth Sherman

Realignment techniques for patellofemoral
cartilage repair

Jonathan Hughes

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ACL



SESSION 15

Anatomic bone-patellar tendon-bone ACL reconstruction
Shuji Taketomi

ACL reconstruction with a rounded rectangular femoral tunnel
Junsuke Nakase

Triple bundle ACL reconstruction
Ryohei Uchida

Advanced double bundle ACL reconstruction
Yuichi Hoshino

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MENISCUS



SESSION 16

Arthroscopic centralization of the meniscus

Hideyuki Koga

Medial meniscus posterior root repair

Yuya Kodama

Biomechanical characteristics of lateral meniscus

Tomoki Otori

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AROUND KNEE OSTEOTOMY



SESSION 17

Medial opening wedge high tibial osteotomy with distal tibial tubercle osteotomy

Hiroyasu Ogawa

High tibial osteotomy for patients with patellofemoral osteoarthritis

Shuheji Otsuki

Double-level osteotomy for varus knee

Hiroshi Nakayama

Distal femoral osteotomy for valgus knee

Takehiko Matsushita

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ACL SURGERY AND RESEARCH



Singapore
Orthopaedic
Association

SESSION 18

Introduction and Welcome to Singapore

Denny Lie

ACL Double-Bundle Reconstruction – how I do it (surgical video), my tips and tricks

Paul Chang

ACL and ALL reconstruction – how I do it (surgical video), my tips and tricks

Denny Lie, Dr Lee Kong Hwee

ACL Research update: ACL and strain relationship of other ligaments – porcine & cadaver model

Lim Mui Hong / Prof Denny Lie



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PATELLO-FEMORAL INSTABILITY



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Orthopaedic
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SESSION 19

Femoral Trochleoplasty – how I do it
(surgical video), my tips and tricks
Mohammad Ashik

MPFL reconstruction - how I do it
(surgical video), my tips and tricks
Dave Lee

PF Research update: Is femoral trochlear
dysplasia truly uncommon in Asians?
A radiographic analysis
Lim Mui Hong, Denny Lie



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COMPLEX KNEE CASES



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SESSION 20

HTO and Actfit Meniscus Transplant

Denny Lie

Case sharing and discussion of 3 complex knee cases

Lee Kong Hwee

Cartilage Research:

Effect of mesenchymal stem cell exoSomes and
hyaluronic acid combination therapy on functional
cartilage repair

Francis Wong



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CHINA



SESSION 21

Introduction & Welcome

Wolf Petersen

Local injection for the treatment of knee osteoarthritis,
what choices do we have?

Guangheng Li

Gap balancing in TKA: Does dynamic sensor matter?

Lanbo Yang

Step therapy of knee osteoarthritis and its prospects

Lei Yan

Artificial intelligence planning before unicompartmental
knee arthroplasty based on CT scan

Yu Sha

Pre-operative simulation using a three-dimensional
printing model for surgical treatment of old and
complex tibial plateau fractures

Xiao Wang

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CHINA



SESSION 21

Clinical observation of arthroscopic debridement combined with targeted ablation and highly selective denervation in the treatment of knee osteoarthritis

Peijin Li

Arthroscopic suture fixation for osteochondral fracture of posterolateral tibial plateau associated with anterior cruciate ligament rupture: a case report

Wenke Liu

Application of 3D osteotomy guide plate in high tibial osteotomy

Jingde Yan

To explore the multi-mode hemostasis scheme on reducing blood loss

Xiang Zhou

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CHINA



SESSION 21

Value of personalized extramedullary positioning technique on tibia side for coronal alignment of tibial prosthesis in total knee arthroplasty

Changjun Xiong

Modified Arthroscopic Posterior Capsular Release for Treatment of Post-traumatic Flexion Contracture of the Knee Joint

Yufei Mi

MRI comparison of the position of the tibial tunnel in the posterior cruciate ligament reconstruction with a 4-position dual approach and a traditional three-way approach

Ming Li

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WORKSHOP

SESSION 22

Digital orthopedics in the diagnosis and treatment of
patellar instability
Wei Wang

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AUSTRALIA



SESSION 23

What is the role of sensors in TKA in 2022?

Sam Macdessi

The Coronal Plane Alignment of the Knee (CPAK) Classification. A new way to describe and compare knee phenotypes.

Sam Macdessi

High Tibial Osteotomy with Optical Navigation and Image Derived Instrumentation

David Parker

Dynamic Manipulation of Pre-operative Imaging: PSI Guides to Produce a Balanced TKA

Michael McAuliffe

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AUSTRALIA



SESSION 23

Digital Patient Engagement Platforms in TKA

Peter McEwen

Augmented Reality Navigation in TKA

Simon Talbot

Individualised Alignment in Robotic Assisted TKA

Gavin Clark



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PERSONALIZED ANATOMY AND RELATED CLINICAL ISSUES



SESSION 24

Introduction

Arthroschool

Anthropometric differences from the west to the east:
Clinical Applications

Samih Tarabichi

Patellofemoral Syndrome:
Are there a differences for ethnics

Raid Abutalib

Personalized Treatment for ACL Surgery:
How do we plan?

Philippe Landreau

Impact of rotational knee alignment –
from evidence to clinical practice

Murat Bozkurt

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PERSONALIZED ANATOMY
AND RELATED CLINICAL ISSUES



SESSION 24

Impact of coronal knee alignment –
from evidence to clinical practice

Bogdan Ambrožič

Impact of sagittal knee alignment –
from evidence to clinical practice

Michel Bonnin

Discussion

All



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INDONESIA



SESSION 25

ACL reconstruction in laxity patient
Wahyu Riansyah and Hanif Fahmat

Anterior meniscus tear repair : an alternative technique
Wahyu Riansyah

Cyst formation after ACL
Hanif Fahmat



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FREE PAPER

SESSION 26

Introduction

Prediction Of Accelerated Knee Osteoarthritis Using a Convolutional Neural Network

Christoph Salzlechner

Functional and radiological outcome after derotational femoral osteotomy for high-grade patellofemoral instability at short-term follow-up

Maximilian Hinz

Biomechanical evaluation between continuous vertical inside-out meniscal suture versus traditional vertical inside-out meniscal suture

José Leonardo Rocha de Faria

Do they feel better when they walk better? 3D gait analysis study in total knee arthroplasty for Indian osteoarthritic knees.

Sanket Tanpure

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FREE PAPER

SESSION 26

Balance Accuracy in Tibia and Femur First Total Knee Arthroplasty using Digital Balancing Tools: A Prospective Non-Randomized Controlled Trial

Jan Albert Koenig

Short-term effectiveness of Robot-assisted total knee arthroplasty for severe knee osteoarthritis

Bo Sun

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FAREWELL

Best paper award

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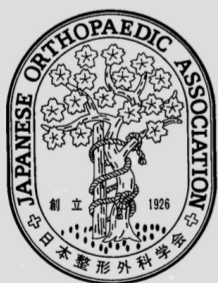
Silver



Bronze



INTERNATIONAL PARTNERS



GENERAL INFORMATION

Chairmen

Wolf Petersen, Sven Scheffler and Thore Zantop

Technical and organizational chair

Thomas Stoffels

Dates

24 hours around the world and available as video on demand afterwards

March 10TH 4pm to March 11TH 2022 4pm UTC+1

Participation fee

Unlimited Ticket: 99.00 €

All prices incl. VAT

Registration

Please use the online registration under www.knee-day.com

ORGANIZATION

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