

SCIENTIFIC PAPER ONLINE MEETING

2ND INTERNATIONAL KNEE DAY

LECTURES, FREE PAPERS, LIVE-OP AND WORKSHOPS

24 HOURS AROUND THE WORLD

MARCH 18TH TO MARCH 19TH 2021

4PM TO 4PM UTC+1

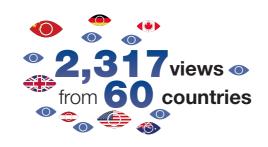
supported by the DKG German Knee Society



OUR PAST COURSE 2020



60k viewers in a public viewing event in **china**



of intensive scientific mannutes exchanges



MAIN TOPICS 2021

Sportstrauma
Trauma
Arthroplasty

Osteotomy Prevention

Dear Ladies and Gentlemen

We invite you to join the international knee day part II. What a great opportunity to present your scientific work embedded in the surrounding of highlight speakers from all over the world. The concept of the first international knee day providing a mix of highlight lectures and free papers is supported this year by two new details: 14 live and re-live surgeries and a concept with 24 hours of presentations from all over the world.

This is a huge possibility for you to present your scientific work, prove your methods and strategies during the discussion and doublecheck the strengths and flaws of your paper before sending it for publication. Therefore, we are calling for abstracts for the

2ND INTERNATIONAL KNEE DAY – scientific paper online meeting!

After thorough review of your submitted paper, the accepted papers will be presented live online. All international highlight speakers that surround your presentation will be asked to serve as online faculty to comment on your paper. Be sure that this will be in a constructive and supportive way to hopefully improve your studies and work done! Lectures of world-known researchers as well as the live surgical demonstrations from all continents will additionally increase the audience from all over the world.

We would be more than happy if you will submit your scientific abstracts to be presented at the 2nd international knee day.

Best regards,

Wolf Petersen, Sven Scheffler, Thomas Stoffels, Thore Zantop





PRE-SESSION | MARCH, 18[™] 2021

Time is European standard time (UTC+1)

01:30 PM

Pre-Session

Moderation: Petersen, Wolf

- 6' Introduction and welcome Petersen, Wolf
- 3'+3' Continuous meniscal suture technique of the knee Rocha de Faria, José Leonardo

 ■
- 3'+3' Comparative study of hamstring graft ACL reconstruction with the Tightrope or interference screw by the anteromedial portal technique Wei, Liwei
- 3'+3' Treatment of Schatzker III tibial plateau fractures with arthroscopy Wang, Yixuan
- 3'+3' Clinical study on limited fixation of PRP on cartilage degenerated defect after microfracture for knee osteoarthritis with arthroscope

 Gao, Wenxiang
- 3'+3' Clinical efficacy of PRP in the treatment of patellofemoral arthritis in young adults

 Yang, Yiwei
- 3'+3' ApoB/ApoA1 ratio associated to the risk of knee osteoarthritis and related pain

 Shi, Mingmin
- 3'+3' Clinical outcome of arthroscopic combined with tibial osteotomy in the treatment of anterior cruciate ligament injury

 Xingsheng, Du

PRE-SESSION | MARCH, 18[™] 2021

- 3'+3' All-inside reconstruction of anterior cruciate ligament with single-bundle autogenous peroneal longus tendon

 Yang, Lanbo
- 3'+3' Not all questions are created equal weight of the Oxford Knee Score Questions

 Klasan, Antonio
- 3'+3' Treatment of medial collateral ligament injury in total knee arthroplasty Kewei, Li
- 3'+3' Accuracy of joint line reconstruction in TKA using different techniques of kinematic alignment

 Tuecking, Lars-René
- 3'+3' Management of patellar tendon disruption during TKA Abcha, Oussama
- 3'+3' Factors analysis affecting lower limb alignment after UKA Sha, Yu
- 3'+3' Digital photography used as educational tool for patients undergoing MUA for a stiff knee

 Setia, Piyush
- 3'+3' Evaluation of the effect of UKA in the elderly patients with medial knee osteoarthritis

 Yan, Jingde
- 3'+3' Patient-specific instrumentation assisted primary knee replacement for the treatment of knee osteoarthritis with extra-articular deformity Luo, Xiaofei





Time is European standard time (UTC+1)

04:00 PM

Opening

Moderation: Petersen, Wolf = | Scheffler, Sven = | Stoffels, Thomas = | Zantop, Thore =

Opening Ceremony

04:15 PM

Session 1 – Total Knee Arthroplasty

Moderation: Petersen, Wolf - Stoffels, Thomas

Online chair: Hirschmann, Michael T. 🚺 Rossi, Roberto 🛮 🗷

TKA – alignment in TKA Hirschmann, Michael T. +

Does measuring the medial gap before bone resection in TKA provide optimum gap adjustment and prevent bone recutting?

Serbest, Sancar Co

TKA - tips & tricks for TKA in valgus knee

Rossi, Roberto

3D-surface scan based validated new measurement technique of femoral joint line reconstruction in TKA

Savov, Peter

PROGRAM | MARCH, 18TH 2021

Time is European standard time (UTC+1)

Femoro-patellar overstuffing after TKA – evaluation of the functional outcome

Abcha, Oussama

Robotic-assisted UKA – a review Liu, Guojie

05:30 PM

Live Surgical Demonstration

Moderation: Diermeier, Theresa
Online chair: Ettinger, Max





Smith+Nephew



Innovation in knee surgery – robotic assisted unicondylar knee **Ettinger, Max**

Interactive Q&A with surgeon

06:20 PM

Anterolateral



Combined Samba ACL and ALL reconstruction*
Sonnery-Cottet, Bertrand

Interactive Q&A with surgeon





Time is European standard time (UTC+1)

07:05 PM

Session 2 – Sports Traumalogy

Moderation: Scheffler, Sven = | Zantop, Thore = Online chairs: Lind, Martin = | Seil, Romain =



Postoperative septic knee arthritis following ACL reconstruction leads to increased knee instability and osteoarthritis compared to a matched control group Pfeiffer, Thomas

MCL: reconstruction vs. repair – ligament bracing Lind. Martin

Incidence of apple bite fractures in 116 MRI scans with ACL injuries and their concomitant injuries

Kolb, Jan Philipp



One Step scaffold based cartilage regeneration with Hyalofast Petersen, Wolf



Kaplan fibers injuries in ACL deficient and ACL reconstructed knees redefining the structure on MRI and risk assessment using injury patterns Iordache, Edna +

PROGRAM | MARCH, 18TH 2021

Time is European standard time (UTC+1)

08:20 PM

Live Surgical Demonstration

Moderation: Diermeier. Theresa Online chair: Höher, Jürgen









All around meniscal repair latest innovations to reconstruct complex meniscal tears Höher, Jürgen

Interactive Q&A with surgeon

09:10 PM

Minced Cartilage

Moderation: Scheffler, Sven = | Zantop, Thore =

Online chair: Salzmann, Gian



Autologous minced cartilage implantation for treatment of chondral and osteochondral lesions in knee joint* Salzmann, Gian 🛨

Interactive Q&A with surgeon





Time is European standard time (UTC+1)

09:45 PM

Meniscal Repair

Moderation: Scheffler, Sven = | Zantop, Thore =

Online chair: van Dijck, Robbert



Meniscal repair options using the NanoScope™ System* van Dijck, Robbert =

Interactive Q&A with surgeon

10:30 PM

Session 3 – ACL Prevention

Moderation: Petersen, Wolf = | Stoffels, Thomas =

Online chairs: Bode, Gerrit = | Hewett, Timothy E. = | Webster, Kate

ACL prevention – new aspects in 2021

Hewett, Timothy E.

Persistent quadriceps activation failure reduces in ACL reconstructed patients submitted to strength training based on force steadiness and visual feedback **Velasques Stoelben, Karine**

ACL re-injury – what should patients know about ACL re-injury risk prior to return to sport

Webster, Kate

PROGRAM | MARCH, 18[™] 2021

Time is European standard time (UTC+1)

IFP delays functional recovery and is associated with elevation of inflammatory cytokines level in the synovial fluid in ACLR patients

Nakagawa, Yusuke

Injury prevention – strategy in german elite soccer **Bode, Gerrit**

Functional and isokinetics analysis of patients submitted to the reconstruction of the quadricipital tendon with modified pulvertaft weave technique

Rocha de Faria, José Leonardo



ACL rehabilitation – data assessment with wearable sensors

Höher, Jürgen



Interactive Q&A
Petersen, Wolf



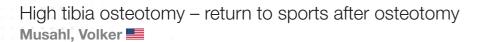


Time is European standard time (UTC+1)

12:10 AM

Session 4 - Osteotomy

Moderation: Musahl, Volker ■ | Previgliano, Juan Pablo □ Online chairs: Clatworthy, Mark ■ | Getgood, Alan • | Petersen, Wolf ■



Effect of bone marrow aspirate concentration clinical results used with open wedge high tibial osteotomy

Kaya, Özgür

Unstable knee – tips for realignment osteotomy **Getgood, Alan ••**



Interactive Re-Live Surgical Demonstration – anterior closed wedge osteotomy for slope reduction Petersen, Wolf



Functional outcome of high tibial osteotomy in patients with medial compartment osteoarthritis using dynamic axial fixator

Yadav, Amit Kumar

TKA – strategy after osteotomy Clatworthy, Mark

Simultaneous arthroscopic and partial fibullectomy in patients with knee osteoarthritis and varus knee
Álvarez López, Alejandro

PROGRAM | MARCH, 19TH 2021

Time is European standard time (UTC+1)

01:35 AM

Session 5 - Quadriceps ACL Reconstruction

Moderation: Musahl, Volker = | Previgliano, Juan Pablo =

Online chair: Xerogeanes, John

Quadriceps tendon – why I like it so much?

Musahl, Volker

Quadriceps tendon autograft and lateral extra-articular tenodesis are becoming increasingly popular in revision ACL reconstruction

Winkler, Philipp

Anterior oblique ligament description in the knee anteromedial compartment Horita, Melanie Mayumi



Re-Live Surgical Demonstration –
Quadriceps ACL reconstruction – european approach
Petersen. Wolf





Re-Live Surgical Demonstration –

Quadriceps ACL reconstruction – improving harvest, preparation and fixation*

Xerogeanes, John

Interactive Q&A with surgeon

Biomechanical comparison of the fixation configurations of soft tissue quadriceps tendon graft using a suspensory button Kamada, Kohei •





Time is European standard time (UTC+1)

03:05 AM

Session 6 - JOSSM

Moderation: Kuroda, Ryosuke ● | Scheffler, Sven ■

Online chairs: Ikeuchi, Masahiko ● | Koga, Hideyuki ● | Kuroda, Ryosuke ● |

Nakase, Junsuke • | Saito, Hidetomo

Diagnostics – ultrasonic imaging of the knee

Nakase, Junsuke

Tibial tunnel coalition is not rare but can be avoided in the anatomic double-bundle ACL reconstruction

Hoshino, Yuichi

Knee pain – how to control?

Ikeuchi, Masahiko 👤

CT scan assessment of femoral tunnel location in ACL reconstruction performed during the initial phase of the learning curve

K.S Kandari, Anirudh

Meniscus – how to preserve?

Koga, Hideyuki

One stage arthroscopic treatment for 35 cases of multiple ligament injuries of the knee joint

Cao, Guorui

All around osteotomy

Saito, Hidetomo

PROGRAM | MARCH, 19TH 2021

Time is European standard time (UTC+1)

MRI one year after hamstring autograft ACL reconstruction can identify those at higher risk of graft failure

Klasan, Antonio

ACL augmentation – tips & tricks for single bundle using semi-t graft **Zantop, Thore**

Arthroscopic surgery for recurrent dislocation of patella in the skeletally immature adolescents

Tan, Honglue

Anatomic individualized double-bundle ACL reconstruction **Kuroda**, **Ryosuke** •

Analysis of failure of implant fixation after open reduction internal fixation of proximal tibial fractures

Madi, Saad





Time is European standard time (UTC+1)

05:35 AM

Session 7 – Indian Arthroscopy Society

Moderation: Oberoi, Ips

■ | Zantop, Thore ■

Online chairs: Sundarrajan, SR = | Thonse, Chirag =

Ramp lesion – techniques to treat

Oberoi, Ips 🗻

Isolated deep MCL tear - an easily missed injury and cause of persistent medial side knee pain

Gahlot, Nitesh

MCL – repair and reconstruction techniques

Sundarrajan, SR 🔤

Arthroscopic pie-crusting release of the posteromedial complex of the knee for surgical treatment of medial meniscus injury

Tan, Honglue

Lateral extra-articular tenodesis – indications and techniques

Thonse, Chirag

Effect of the location of acute anterior cruciate ligament rupture on bone bruises Li, Ming

PROGRAM | MARCH, 19TH 2021

Time is European standard time (UTC+1)

06:45 AM

Session 8 – Chinese Orthopaedics and Trauma by Gloryren —



Moderation: Petersen, Wolf = | Zantop, Thore = Online chairs: Chen, Shiyi | Wu, Xinbao |

Meniscus injury repair

Yin, Zhanhai

Comparative study on the effect of patellar denervation in UKA

Zhang, Zhanfeng

Role of limb alignment in the treatment of knee ligament injury

Wu, Weigang

Arthroscopic meniscoplasty combined with distal femoral osteotomy for lateral meniscus injury with genu valgus deformity

Yan, Lei

Constraint level in total knee – how to select?

Wang, Jinliang

Arthroscopic reconstruction of MPFL combined with medial displacement of lateral hemitibial tuberosity for treatment of recurrent dislocation of patella

Wang, Xiao

High-grade pivot-shift phenomenon and anterior cruciate ligament reconstruction Quan, Songtao

A comparative study on all inside technique with traditional technique in anterior cruciate ligament reconstruction

Zhen, Dong

Re-Live Surgical Demonstration – medial open wedge osteotomy







PROGRAM | MARCH, 19™ 2021

Time is European standard time (UTC+1)

08:15 AM

Session 9 - Singapore Orthopaedics Association -





New frontiers in meniscus and cartilage repair

Lee, Dave

Anterior cruciate ligament reconstruction with ribbon graft under arthroscopy by three portals

Li, Ming

Trochleoplasty - technique and outcome

Hui, James 📒

Arthroscopic tuck-net suture fixation of anterior cruciate ligament tibial avulsion fractures

Guo, Qi 🍱

Subchrondoplasty – treatment for bone marrow lesions in the arthritic knee Lie, Denny



Re-Live Surgical Demonstration – value of the Subchondroplasty® procedure in your knee practice Scheffler. Sven



PROGRAM | MARCH, 19TH 2021

Time is European standard time (UTC+1)

09:50 AM

Session 10 - Meniscus and Meniscal

Moderation: Scheffler, Sven = | Zantop, Thore =



Varus cartilage and anterior instability - italian approach Margheritini, Fabrizio

Failures and complications with MPFL reconstruction – an experience with 215 patients

Setia, Piyush

Patella resurfacing – indication and strategy **Imhoff, Andreas B.**

Ramp lesions in anterior cruciate ligament deficient knees **Ozeki, Nobutake** •

Instability of the posterior horn of the lateral meniscus – a comparison between two arthroscopic diagnostic tests

Jacquet, Christophe

Meniscus – save or replace?

Bozkurt, Murat





Time is European standard time (UTC+1)

11:05 AM

Meniscus Transplantation

Moderation: Scheffler, Sven = | Stoffels, Thomas =





Medial meniscus transplant using bone plugs* Kong Hwee, Lee 📒

Interactive Q&A with surgeon

11:40 AM

Meniscus Centralization

Moderation: Scheffler, Sven - Stoffels, Thomas





Meniscus centralization* Koga, Hideyuki 💽

Interactive Q&A with surgeon

PROGRAM | MARCH, 19TH 2021

Time is European standard time (UTC+1)

12:20 PM

Session 11 - Cartilage/PCL

Moderation: Petersen, Wolf = | Zantop, Thore =





Clinical outcomes of single-stage microfracture with hyaluronic acid scaffold for knee chondral defects remain good at 48 months Tay, Adriel



Re-Live Surgical Demonstration – Minced cartilage with Chondro-Gide – the way forward in one-step cartilage repair?



Arthroscopic outside-in technique vs. inside-out technique at 120° of knee flexion for the rupture of posterior cruciate ligament Gao, Shiji

PCL update 2021 Alentorn-Geli, Eduard



Re-Live Surgical Demonstration – PCL reconstruction using hamstring grafts – surgical approach using posteromedial portal technique Zantop, Thore



Interactive Q&A with surgeon

Typical MRI-pattern suggests peak maturation of the ACI graft 2 years after third-generation ACI – a systematic review Iordache, Edna 🛨









Geistlich



Time is European standard time (UTC+1)

02:25 PM

Session 12 – Total Knee Arthroplasty

Moderation: Petersen, Wolf = | Zantop, Thore =

Online chairs: Hube, Robert - | Nehrer, Stefan - | von Roth, Philipp

TKA – bone defect reconstruction

Hube, Robert

Does patient-specific factors or alignment influence TKA clinical and functional outcomes?

Leite, Maria 💷

Artificial Intelligence in knee osteoarthritis diagnostic

Nehrer, Stefan

Measuring appropriate need for UKA – results of the MANUKA study

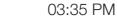
Klasan, Antonio

TKA revision – step-by-step surgical technique

von Roth, Philipp =

Patient satisfaction after TKA – experience of Tashkent Medical Academy

Madrakhimov, Sarvar ==



Best Paper Award

Moderation: Petersen, Wolf ■ | Scheffler, Sven ■ | Stoffels, Thomas ■ | Zantop, Thore ■

Best Paper Award

03:45 PM

Farewell

Moderation: Petersen, Wolf = | Scheffler, Sven = | Stoffels, Thomas = | Zantop, Thore =

Farewell and future announcements





HIGHLIGHT SPEAKER

- Eduard Alentorn-Geli 👤 Hideyuki Koga
- Gerrit Bode
- Murat Bozkurt
- Mark Clatworthy
- Theresa **Diermeier**
- Max Ettinger
- Alan Getgood
- Timothy E. **Hewett**
- Michael Hirschmann
- Jürgen Höher
- Robert Hube
- James Hui
- Masahiko Ikeuchi
- Andreas B. Imhoff
- Jinliang Wang

oga

Lee Kong Hwee

Ryosuke **Kuroda**

Dave **Lee**

Denny **Lie**

Martin Lind

Volker Musahl

Stefan **Nehrer**

Wolf **Petersen**

lps **Oberoi**

Juan Pablo **Previgliano**

Roberto Rossi

Hidetomo Saito

Songtao Quan

Junsuke **Nakase**

Fabrizio Margheritini

- Gian **Salzmann**
- Sven Scheffler
- Romain **Seil**
- Christian Lattermann Shiyi Chen
 - Bertrand Sonnery-Cottet
 - Thomas Stoffels
 - SR **Sundarrajan**
 - Chirag Thonse
 - Robbert van Dijck
 - Philipp von Roth
 - Kate Webster
 - Weigang Wu
 - Xinbao Wu
 - John Xerogeanes
 - Thore **Zantop**
 - Zhanhai **Yin**

INFORMATION

Chairmen

Wolf Petersen, Sven Scheffler, Thore Zantop

Technical and organizational chair

Thomas Stoffels

Dates

24 hours around the world
March 18[™] 4pm to March 19[™] 2021 4pm UTC+1

Participation fee

Unlimited Ticket: 149.00 €

Unlimited Ticket (discount for members of partner societies): 99.00€

All prices incl. VAT

Registration

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

Organization

Congress Compact 2C GmbH Joachimsthaler Strasse 10 10719 Berlin, Germany

Phone: +49 30 88727370

e-Mail: info@congress-compact.de





SPONSORS































PARTNER/PATRONAGE

International Partner





















Patronage













