



European  
Knee  
Society



## EKS Closed Meeting EKS - BASK Combined Meeting

5-6 December 2019  
London, UK







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## The European Knee Society Board 2019

**President:** Emmanuel Thienpont

**Vice-President:** Fabio Catani

**Second Vice-President:** Gijs van Hellemond

**Immediate Past-President:** Andrea Baldini

**Past-President:** Chris Dodd

**Treasurer:** Sebastien Parratte

**Secretary General:** Anders Troelsen

**Member at Large:** David Barrett

**Member at Large:** Michel Bonnin

**Member at Large:** Francesco Benazzo

**Chairman External Relations Committee:** Jan Victor

\* \* \*

## Past-Presidents of the European Knee Society

**2014** Jean-Noël Argenson

**2015** Johan Bellemans

**2016** Jan Victor

**2017** Chris Dodd

**2018** Andrea Baldini



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Dear Colleagues,

It is our pleasure to welcome you to the **European Knee Society Closed Meeting and EKS-BASK Combined Meeting** in London.

We received more than 50 abstracts and sincerely thank all EKS members for their contributions. We hope having succeeded in putting together an interesting scientific programme with a balance between free papers and the EKS-BASK Consensus Meeting.

We already wish to thank the speakers in advance to keep to the time and the moderators who accepted to implement the time schedules.

We also hope the meeting will be the place for exchange between members during the social events with a welcome dinner on Wednesday and the EKS-BASK gala dinner on Thursday.

This closed meeting will be an excellent occasion to socialise with your peers during the meeting and dinners.

Welcome to London!

With our very best regards,

A handwritten signature in black ink, appearing to read 'Emmanuel Thienpont'.

Emmanuel Thienpont  
EKS President

A handwritten signature in black ink, appearing to read 'Andrew J Price'.

Andrew Price  
BASK President and Local Host



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## **Wednesday, 4 December**

Arrival of the EKS Members

19.45 hrs      Meet Sophie in the lobby of the Pullman London St Pancras Hotel

20.00 hrs      EKS Dinner at Camino  
*Address: The Regent Quarter 3 Varnishers Yard, London N1 9FD*





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## **Thursday, 5 December EKS Closed Meeting**

08.30 hrs Registration **Nobel Suite 1**

08.45 hrs Welcome by the EKS President and local hosts

### **Free Paper Session I – Revision Surgery**

Moderators: Fabio Catani and Andrew Price

09.00 hrs **Tantalum cones in revision Total Knee Arthroplasty at minimum 10-year follow-up**

*Ivan de Martino*

09.06 hrs **Low hospital volume increases re-revision rate following aseptic revision Total Knee Arthroplasty: An analysis of 23.644 cases based on German insurance data**

*Andreas Halder*

09.12 hrs **Does the RKCC (Revision Knee Complexity Classification) predict clinical and functional outcome of Revision Knee Arthroplasty?**

**Analysis of a cohort of revised TKAs with 5 year clinical outcome**

*Andrew Porteous*

09.18 hrs **Extensor mechanism allograft reconstruction is safe and reliable both in septic and aseptic revision of Total Knee Arthroplasty**

*Alfredo Lamberti*

09.24 hrs **A new laboratory-based  $\alpha$ -defensin measurement for the diagnosis of periprosthetic knee infections**

*Giovanni Balato*

09.30 hrs Discussion



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**Free Paper Session II – Robotic Surgery**

Moderators: Andrea Baldini and Andrew Porteous

- 09.45 hrs    **Decreased rate of femoral under-sizing with robotic-assisted surgical technique compared to conventional technique in the medial unicompartmental knee arthroplasty**  
*Sebastien Lustig*
- 09.51 hrs    **Cost-effectiveness of robotic arm-assisted TKA**  
*Bernhard Christen*
- 09.57 hrs    **Robotic-arm assistance restores posterior and distal lateral femoral offset in anatomically aligned Total Knee Arthroplasty**  
*Fabio Catani*
- 10.03 hrs    **Learning curve of robot-assisted Total Knee Arthroplasty**  
*Thomas Luyckx*
- 10.09 hrs    **Early experience of robotic assisted patella-femoral Arthroplasty: correlation of preop planning and intraop implant position**  
*Jonathan Phillips*
- 10.15 hrs    Discussion
- 10.30 hrs    Coffee Break





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**Free Paper Session III – Partial and Bi-Compartmental Arthroplasty**

Moderators: Jonathan Eldridge and Gijs van Hellemond

- 11.00 hrs **A 5-year comparison of Cementless and Cemented Unicompartmental Knee Replacement**  
*Chris Dodd*
- 11.06 hrs **Bi-Unicompartmental Arthroplasty: The gait, PROMs and biomechanics of an alternative to Total Knee Arthroplasty**  
*Justin Cobb*
- 11.12 hrs **Medium term results of PFR for isolated PFOA secondary to dysplasia**  
*Emmanuel Thienpont*
- 11.18 hrs **Early results of a fixed bearing unicompartmental knee replacement designed for the lateral compartment**  
*William Jackson*
- 11.24 hrs **Patello-femoral arthroplasty for treatment of isolated patello-femoral OA-analysis of 76 knees with 1-12 (mean 5.7) years follow-up**  
*Kjell G. Nilsson*
- 11.30 hrs Discussion



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**Free Paper Session IV – Enhanced Recovery and Peri-Operative Care**

Moderators: Andrew Price and Emmanuel Thienpont

- 11.45 hrs **Why still in hospital after fast-track unilateral unicompartmental knee arthroplasty**  
*Kirill Gromov*
- 11.51 hrs **Recovery in fast-track Total Knee Arthroplasty is not influenced by a modern use of tourniquet**  
*Andrea Baldini*
- 11.57 hrs **Cardiac impact of high-volume local infiltration anesthesia in TKA and BSTKA**  
*Christian Skovgaard Nielsen*
- 12.03 hrs **Patient satisfaction and risk of falls with the use of intermittent pneumatic compression devices following total joint arthroplasty**  
*William Macaulay*
- 12.09 hrs **Full component revision total knee replacements have similar recoveries compared with**  
*David Dalury*
- 12.15 hrs Discussion
- 12.30 hrs Lunch



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**Free Paper Session V – Kinematic Alignment**

Moderators: Francesco Benazzo and Will Jackson

- 14.00 hrs **Relation between joint line restoration, morphotype and joint line orientation to the floor and clinical results after mechanical aligned Total Knee Arthroplasty**  
*Ate Wymenga*
- 14.06 hrs **Kinematically versus mechanically aligned medial pivot design TKA: Case control study**  
*Charles Rivière*
- 14.12 hrs **Lower-limb alignment is strongly explained by femoral and tibial abnormalities but not related to demographic and ethnic parameters - A machine learning analysis of a 3D CT database automated extraction**  
*Matthieu Ollivier*
- 14.18 hrs **Utilization of computed tomography to determine differences in mechanical and kinematic alignment in patients undergoing primary Total Knee Arthroplasty**  
*Martin Roche*
- 14.24 hrs **Population-based effect of post-operative alignment on tibial bone remodelling following TKA**  
*Nico Verdonschot*
- 14.30 hrs Discussion



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**Free Paper Session VI – Knee Arthroplasty**

Moderators: David Barrett and Nick London

- 14.45 hrs **Asymmetric vs symmetric polyethylene inserts in mobile bearing TKA, a clinical and biomechanical study**  
*Bernardo Innocenti*
- 14.51 hrs **Lack of correlation between knee symptoms, radiographic and gross findings among patients undergoing TKA for osteoarthritis**  
*David Dalury*
- 14.57 hrs **Knee arthroplasty system with medialized keel: Follow-up at 5 years of a pioneer cohort**  
*Francesco Benazzo*
- 15.03 hrs **Clinical outcome of posterior stabilized total knee replacement using an increased flexion gap in patients with preoperative stiffness**  
*Friedrich Boettner*
- 15.09 hrs **Use of two tibial hemi-trays in anterior cruciate retaining Total Knee Arthroplasty**  
*Philippe Massin*
- 15.15 hrs Discussion
- 15.30 hrs Coffee Break
- 16.00 hrs **Briefing for EKS and BASK Consensus Meeting**
- 16.30 hrs **EKS General Assembly**
- 17.30 hrs End
- 19.00 hrs EKS / BASK Gala Dinner at Renaissance Hotel  
*Address: Euston Road (next to the Pullman Hotel)*



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## Friday, 6 December Combined EKS and BASK Consensus Meeting

- 08.30 hrs Welcome by the Presidents of BASK and EKS **Nobel Suite 1**
- 08.35 hrs Outline of the day – Aims and process  
Andrew Price

### **Session I – Revision: Revisions knee surgery – How do we improve provision of care**

- 08.45 hrs Andrew Porteous (BASK)
- 08.55 hrs Gijs Van Hellemond (EKS)
- 09.05 hrs Discussion

### **Session II – Increasing usage of UKA – How do we prepare for and maintain safe UKA practice?**

- 10.00 hrs Andrew Price (BASK)
- 10.10 hrs Anders Troelsen (EKS)
- 10.20 hrs Discussion
- 11.15 hrs Coffee Break

### **Session III – Patello-femoral: Key-issues in performing patello-femoral joint replacement?**

- 11.30 hrs Andy Metcalfe (BASK)
- 11.40 hrs Jonathan Eldridge (EKS)
- 11.50 hrs Discussion
- 13.00 hrs Lunch
- 14.00 hrs Summary of outputs from morning sessions and steps to publication
- 15.00 hrs End