

7 March (Thursday)

- 13:45 - 15:45 **Session 1: Basic Science Session (ICRS/UKVS)**
Moderator : Biant Leela (UK) Moderator: Snow Martyn (UK)
- 13:45 - 14:00 **Welcome & Introduction**
Biant Leela (UK) McNicholas Mike (UK)
- 14:00 - 14:15 **History and Rationale of Osteotomy**
Nehrer Stefan (AT)
- 14:15 - 14:30 **Articular Cartilage Physiology and Pathology in OA**
Grande Daniel (US)
- 14:30 - 14:45 **Effects of Osteotomy on the Articular Cartilage and the Knee Joint as an Organ**
Brittberg Mats (SE)
- 14:45 - 15:00 **Are there Differences Between Human and Animal Joint Biology?**
Goodrich Laurie (US)
- 15:00 - 15:45 **Hands-on Workshop 1 (Newclip) & 2 (Depuy Synthes/Medicad)**
- 15:45 - 16:30 **Coffee Break / Exhibits**
- 16:30 - 18:30 **Session 2: Bone Healing, Indications and Cases**
Moderator : Grande Daniel (US) Moderator: Giotakis Nikolaos (UK)
- 16:30 - 17:10 **Hands-on Workshop 3 (BodyCad) & 4 (Conventional Generic)**
- 17:10 - 17:20 **Bone Healing in Osteotomy**
Lattermann Christian (US)
- 17:20 - 17:30 **Evolution of Fixation**
Van Egmond Nienke (NL)
- 17:30 - 17:40 **Veterinary Indications for Osteotomy of the Stifle**
Morton Mark (UK)
- 17:40 - 17:50 **Indications for Osteotomy about the Human Knee**
Saris Daniel (US)
- 17:50 - 18:20 **On the Spot Cases From the Panel (Live Cases)**
- 18:20 - 18:30 **Closing Remarks**
Biant Leela (UK)
- 18:30 - 20:00 **Welcome Reception at Withworth Hall**

8 March (Friday)

- 8:30 - 8:55 **Welcome Coffee /Tea**

8:55 - 11:30

Session 3: Planning your Osteotomy

Moderator : Brittberg Mats (SE) Moderator: Nehrer Stefan (AT)

08:55 - 09:00

Welcome

McNicholas Mike (UK)

09:00 - 09:10

Traditional Planning: Tracing Paper to Digital Planning

Nehrer Stefan (AT)

09:10 - 09:20

The Role of PSI

McNicholas Mike (UK)

09:20 - 09:30

Navigation

Custers Roel (NL)

09:30 - 09:40

Robotics and Augmented Reality

Biant Leela (UK)

09:40 - 09:50

Derotational Osteotomy

Mandalia Vipul (UK)

09:50 - 10:20

Practical Osteotomy Planning Sessions 5 (Newclip) & 6 (Depuy Synthes/Medicad)

10:20 - 11:00

Coffee Break / Exhibits

11:00 - 11:30

Practical Osteotomy Planning Sessions 7 (BodyCad) & 8 (Generic Conventional)

11:30 - 12:30

Session 4: Tibial Osteotomies

Moderator : Slynarski Konrad (PL) Moderator: Mandalia Vipul (UK)

11:30 - 11:45

What is Normal and How Abnormal Merits Osteotomy?

Van Egmond Nienke (NL)

11:45 - 12:00

Tibial Osteotomy for Lateral Compartment OA

Papacostas Emmanuel (QA)

12:00 - 12:15

TTO

Kader Dejiary (UK)

12:15 - 12:30

Osteotomy for Post-traumatic Intraarticular Malunion

McNicholas Mike (UK)

12:30 - 13:30

Lunch Break

13:30 - 15:00

Session 5: Femoral and Patellofemoral Osteotomies

Moderator: Lattermann Christian (US) Moderator: Goyal Deepak (IN)

13:30 - 13:50

Femoral Osteotomies

Slynarski Konrad (PL)

13:50 - 14:10

Double Level Osteotomies

Goyal Deepak (IN)

14:10 - 14:30

Osteotomies for Patellofemoral Pathology

Kader Dejiary (UK)

14:30 - 15:00

Cadaveric Lab: Surgical Approaches Arthrex Cadaveric Facility

Slynarski Konrad (PL)

15:00 - 15:30

Coffee Break

- 15:30 - 18:00 **Session 6: Osteotomy Combined with Instabilities and Transplantation**
Moderator : Saris Daniel (US) Moderator: Custers Roel (NL)
- 15:30 - 15:45 **Use of Osteotomy to Address Knee Instability**
Lattermann Christian (US)
- 15:45 - 16:00 **Canine TPLO for Stifle Instability**
Clements Dylan (UK)
- 16:00 - 16:15 **Joint Distraction**
Custers Roel (NL)
- 16:15 - 16:30 **ACI and Osteotomy**
Brittberg Mats (SE)
- 16:30 - 16:45 **OCA and Osteotomy**
Snow Martyn (UK)
- 16:45 - 17:00 **Meniscal Transplant and Osteotomy**
Saris Daniel (US)
- 17:00 - 17:45 **Clinical Cases**
- 17:45 - 18:00 **Closing Remarks**
Biant Leela (UK)
- 19:00 - 23:30 **Course & Faculty Dinner at Old Trafford (100.00 Euros)**
- 19:30 - 20:15 **Optional Private Walking Tour to the Stadium Catacombs (30.00 Euros)**

9 March (Saturday)

- 8:30 - 8:55 **Welcome Coffee /Tea**
- 8:55 - 11:45 **Session 7: Assessing Outcome**
Moderator : Goodrich Laurie (US) Moderator: Snow Martyn (UK)
- 08:55 - 09:00 **Welcome**
Biant Leela (UK)
- 09:00 - 09:15 **UK and ESSKA Consensus Statements on Osteotomy About the Knee**
Snow Martyn (UK)
- 09:15 - 09:30 **How to Assess Outcomes: Human/Equine**
Biant Leela (UK) Goodrich Laurie (US)
- 09:30 - 09:45 **How to Assess Outcome Canine**
Morton Mark (UK)
- 09:45 - 10:00 **How to Assess Biomechanical Effects of Osteotomies**
Tawy Gwenllian (UK)
- 10:00 - 10:15 **Clinical Application of Gait Analysis in Osteotomy about the Knee**
Qureshi Amir (UK)
- 10:15 - 10:45 **Hands-on Workshop 9 (Newclip Derotational) & 10 (Depuy Synthes/Medicad)**
- 10:45 - 11:15 **Coffee Break / Exhibits**
- 11:15 - 11:45 **Hands-on Workshop 11 (BodyCad) & 12 (Generic Conventional)**

11:45 - 13:00

Session 8: Rehab, Complications, and the Future

Moderator : Papacostas Emmanuel (QA) Moderator: Lattermann Christian (US)

11:45 - 11:55 **Practical Tips on Theatre Set Up**

Van Egmond Nienke (NL)

11:55 - 12:05 **Complications and How to Avoid Them and What to do When They Happen**

McNicholas Mike (UK)

12:05 - 12:15 **Management of Non Union and Infection**

Giotakis Nikolaos (UK)

12:15 - 12:35 **Rehab and Return to Sport?**

Papacostas Emmanuel (QA)

12:35 - 12:45 **Long Term Outcomes of Osteotomy and How to Improve Them**

Lattermann Christian (US)

12:45 - 12:55 **Influence of HTO on Future Arthroplasty**

Brittberg Mats (SE)

12:55 - 13:00 **Closing Remarks**

Biant Leela (UK) McNicholas Mike (UK)