

THE EVOLUTION OF OSTEOTOMY

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International Consensus on Osteotomy
IRCCS Istituto Ortopedico Rizzoli - Bologna



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T · O · K · A

TAILORED OSTEOTOMY KNEE ALIGNMENT

SERVIZIO SANITARIO REGIONALE
EMILIA - ROMAGNA
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3D METAL PRINTING
Additive Engineering

FROM THE PAST
TO TECHNOLOGICAL INNOVATION



THE EVOLUTION OF OSTEOTOMY FROM THE PAST TO TECHNOLOGICAL INNOVATION

It is with great pleasure that I present the **International Consensus on Osteotomy** - a course discussing and demonstrating improvements in surgical techniques for knee osteotomy related to the numerous technological innovations that have arisen in this field. Indeed, osteotomy is a procedure that, if performed correctly with a precise indication and with proper preoperative planning, can give impressive long-term results and avoid arthrosis of the knee for many years. Technological innovation has recently made it possible to make this procedure much simpler and faster, avoiding the dangerous complications that have made osteotomy a difficult and little-loved surgery for many years. This course will allow you to familiarise with the latest technological innovations in alignment planning, patient-specific surgery and custom implants as well as the improvement in clinical results now attainable thanks to these innovations. I look forward to meeting you and other prominent speakers from all over Europe and overseas. See you in Bologna!

Stefano Zaffagnini

08:30 **CET**

Welcome and participants' registration

09:00 **Jaques Menetrey**

How to select between Opening and Closing wedge

09:15 **Thomas Ticher**

Classic Opening Wedge High Tibial Osteotomy:
tips and tricks

09:30 **Volker Mushal**

Does Osteotomy allow return to sport?
When it is necessary to do a deflection Osteotomy?

10:00 **Richie Gill**

On our knees, the evolution of knee osteoarthritis in the
21st century

10:15 **Giacomo Dal Fabbro**

The Clinical Protocol

10:30 **Coffee Break**

10:45 **Stefano Zaffagnini**

Custom-made HTO - a surgical example

11:15 **Discussion and Q&A**

11:30 **Alberto Leardini**

The TOKA® study in Bologna

11:45 **Alberto Grassi**

Clinical Results

12:00 **Claudio Belvedere**

The gait analysis pre and post-operative: how does it change

12:15 **Alisdair MacLeod**

Computational modelling and 3D surgical planning

12:30 **Lunch**

14:00 **Ragbir Khakha**

How to do the best preoperative planning for opening
wedge Osteotomy

14:15 **Claudio Zorzi**

Osteotomy associated with ligament instability:
what to do, when combining the two techniques

14:30 **Paolo Gelber**

Osteotomy and cartilage lesion: when and how combining
the procedure

14:45 **Fabrizio Margheritini**

Frequent complication of opening wedge osteotomy:
how to deal with it

15:00 **Discussion and Q&A**

15:15 **Closing**