

EFORT Webinar

Monday 26 February 2024 | 19:00–20:00 CET



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IMPLANTABLES & SMART IMPLANTS: READY FOR CLINIC!?

#EOTEP

Chairs: *Bernd Grimm, Luxembourg and Gianluca Vadalà, Italy*

The Webinar will address the following topics:

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|-------------|---|
| 19:00-19:05 | Introduction: From Wearables to Implantables
Bernd Grimm , Luxembourg Institute of Health (LIH), Luxembourg |
| 19:05-19:15 | The Smart Knee: Real-life Gait Metrics after Joint Replacement
Jeff Gross , Canary Medical, New York, United States |
| 19:15-19:25 | The Smart Hip: A Mobility Sensor for Hip Nails
Markus Windolf , BIOS Medical, Innovation Center Davos, Switzerland |
| 19:25-19:35 | The AO Fracture Monitor: Sensing Bone Healing
Manuela Ernst , AO Foundation and AO Research Institute (ARI), Davos, Switzerland &
Benedikt Braun , University Hospital of Tuebingen, Germany |
| 19:35-19:45 | Robotic Implants: Smart and Active Implants Bone Fractures
Paul Motzki , Universität des Saarlandes (UKS), Saarbrücken, Germany |
| 19:45-19:55 | Questions and Answers All |
| 19:55-20:00 | Final Remarks
Gianluca Vadalà , Università Campus Bio-Medico di Roma, Italy |

Learning Objectives:

This EFORT Educational Webinar will focus on Implantables and Smart Implants. The objectives of this Webinar are:

- to provide an overview of smart implant technologies and devices.
- to present and explain the underlying technologies and benefits to patients & clinicians.
- educate about the state of (pre-) clinical evidence and clinical readiness.
- discuss future developments and required input from clinicians.

This Webinar is organised by EFORT independent of any commercial educational support.



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