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#EOTEP

## RELEVANCE OF METAL CARCINOGENICITY FOR ORTHOPAEDICS: CONTROVERSIES & CONCERNS

**CHAIRS:** *Li Felländer-Tsai, Sweden and Klaus-Peter Günther, Germany*

The Webinar will address the following topics:

- |             |                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 19:00-19:05 | <b>Introduction</b>   <i>Li Felländer-Tsai, Sweden</i>                                                                              |
| 19:05-19:15 | <b>Biochemical/Toxicological Background about Potential Carcinogenicity of Metals</b>   <i>Hans Drexler, Germany</i>                |
| 19:15-19:25 | <b>General Concern Regarding Cobalt in Surroundings and Initiatives to Overcome it</b>   <i>Victor Lamelas Cubero, Sweden/Spain</i> |
| 19:25-19:35 | <b>Carcinogenic Assessment of Cobalt Containing Alloys in Medical Devices</b>   <i>Michael Kovoichich, United States</i>            |
| 19:35-19:45 | <b>What is the Role of Registry Studies to Detect Potential Carcinogenic Hazards?</b>   <i>Nils Hailer, Sweden</i>                  |
| 19:45-19:55 | <b>Discussion</b>   <i>All</i>                                                                                                      |
| 19:55-20:00 | <b>Closing Remarks</b>   <i>Klaus-Peter Günther, Germany</i>                                                                        |

### LEARNING OBJECTIVES:

This EFORT Webinar will focus on potential carcinogenicity of metal containing implants in orthopaedic and trauma surgery. The objectives of this Webinar are:

- to inform Orthopaedic Surgeons about the classification of cobalt as a carcinogen on EU level and potential consequences for surgeons and manufacturers
- to summarize current knowledge on the carcinogenic potential of metal particles released from arthroplasty implants
- to announce related activities within the "EFORT Implant, Patient and Staff Safety Initiative (IPSSI)" directed towards this issue

*This Webinar is organised by EFORT independent of any commercial educational support and hosted by M-Events.*

**CME** | This EFORT Webinar "**Relevance of Metal Carcinogenicity for Orthopaedics: Controversies and Concerns**" taking place on 31 January 2022 at 19:00 CET has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME) with 1 European CME credit (ECMEC).

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