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Optics and Precision Mechanics Standards Committee (NAFuO) in DIN German Institute for Standardization

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Julius Wolff Institute and Center for Musculoskeletal Surgery

Berlin-Brandenburg Center for Regenerative Therapies

Charité – Universitätsmedizin Berlin

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Venue

The venue of the workshop is
DIN German Institute for Standardization
Am DIN-Platz
Burggrafenstraße 6
10787 Berlin



Accommodation

A list of hotels near the venue and travel directions will be available on request.

Registration deadline

21 October 2013

Technical Information

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Further Information/registration

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**DIN GERMAN INSTITUTE FOR STANDARDIZATION
WWW.DIN.DE**

Invitation to Workshop



Standardization of Absorbable Metals for Medical Devices

4 November 2013
Berlin, Germany

Standardization of Absorbable Metals for Medical Devices

MOTIVATION AND BACKGROUND

Standards generate economic benefits which have been estimated at 17 billion euros a year for Germany alone. They facilitate trade, spread knowledge, disseminate innovative advances in technology, and share good management and conformity assessment practices. Subcommittee 1 "Materials" of ISO/TC 150 "Surgical implants" of the International Organization for Standardization (ISO) is the pivot platform for the development of International Standards for materials used for surgical implants. Together with ISO/TC 194 "Biological evaluation of medical devices" ISO/TC 150/SC 1 helps shape the business environment of current and future markets for absorbable metals both in Europe and worldwide. Standardization is a strategic instrument for economic success. Join in and influence the business environment for technologies in absorbable metals that will determine the market success of your innovative product.

SCOPE

The workshop "Standardization of Absorbable Metals" will discuss the application of existing standardized test methods to the field of absorbable metals and the need to develop specific standards for them. Since the most mature absorbable metal implants are made of magnesium based alloys, this workshop will mainly focus on this type. For this purpose experts active in the field of absorbable metals from industry and academia as well as representatives from regulatory bodies are invited to participate. A road map for further actions leading to more standardized test methods for absorbable metals which can be used in the certification process will be established.

Programme

4 NOVEMBER 2013

08:30–09:00 Welcome and introduction
Karl Wenzelowski/Prof Dr Frank Witte

Production of absorbable metals

Moderation: Prof Dr Frank Witte

09:00–09:30 Dr Norbert Hort: **Production of magnesium alloys for degradable implants**

09:30–10:00 Robert Thornton: **SynerMag® technologies for bioabsorbable magnesium implants**

10:00–10:15 Discussion and summary

10:15–10:45 Coffee break

Screening of constituents of absorbable metals

Moderation: Prof Dr Frank Witte

11:00–11:30 Dr Frank Feyerabend: **In-vitro testing of absorbable magnesium with current standards – limitations and options**

11:30–12:00 Dr Anneke Loos: **Biological evaluation of degradable magnesium implants**

12:00–12:15 Discussion and summary

12:15–14:30 Lunch break and poster presentation

Preclinical evaluation of absorbable metal implants

Moderation: Prof Dr Frank Witte

14:30–15:00 Dr Daniel Lootz: **Drug-eluting absorbable metal scaffold BIOTRONIK's DREAMS programme**

15:00–15:30 Arne Lucas: **MAGNEZIX Compression Screw – first magnesium implant with CE approval**

15:30–15:45 Discussion and summary

15:45–16:00 Coffee break

16:00–18:00 Panel discussion on regulatory aspects of absorbable metals

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Registration

The registration fee is 50 Euros. This fee includes the workshop material and covers the coffee breaks and lunch. The fee does not cover hotel accommodation.

Closing date for the payment of the registration fee is 21 October 2013.

No refunds will be granted for cancellations.

Call for posters

Interested parties are invited to submit posters. There will be room for approx. 15 posters. Please submit the title and abstract of your poster by 14 October 2013 using the available poster submission form. The supported poster format is A0 (Portrait).