

Medevice

Design +
Manufacturing

Biomaterials Europe

Conference & Exhibition Programme

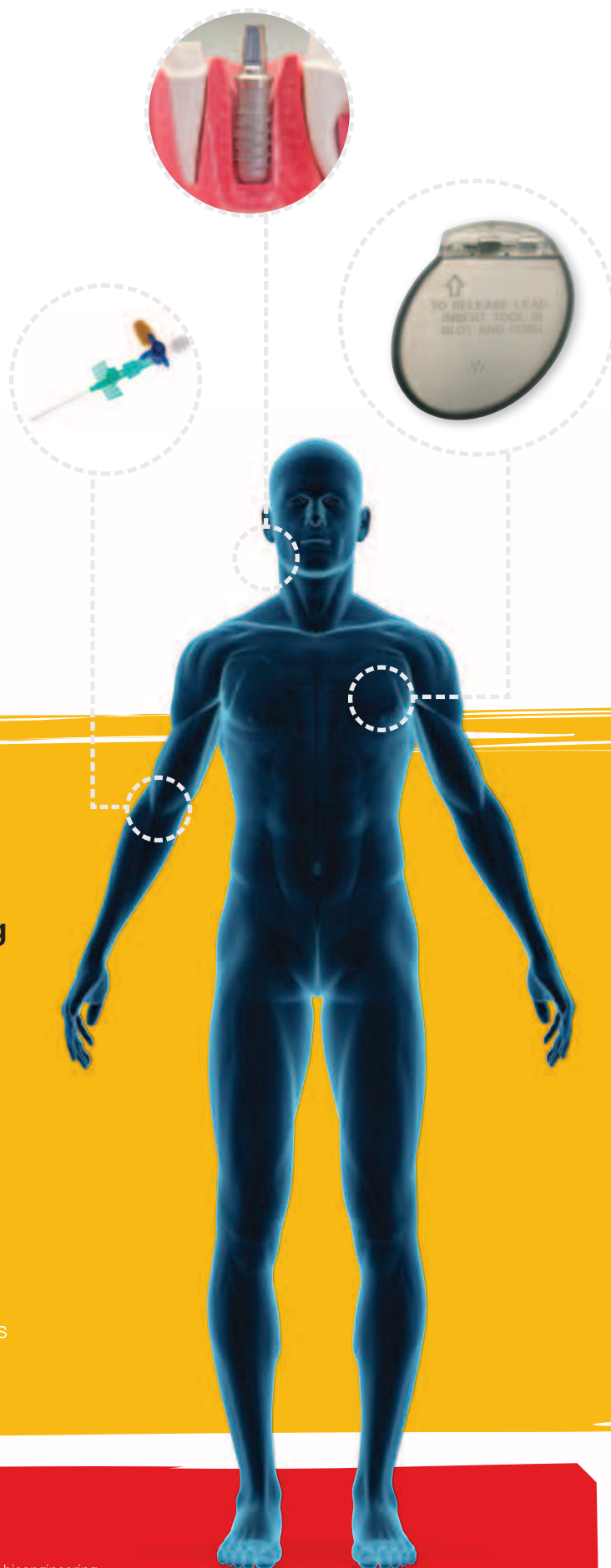
5-6 October 2011
Barceló Sants Hotel • Barcelona • Spain

For the first time in Spain

Over 25 international experts delivering regulatory challenges, market insights and the latest progress in materials and processing technologies with a special interest for applying biomaterials to medical device manufacturing

Including:

- The Medical Device Industry in Spain
- Global Medical Device Markets Opportunities and Regulatory Updates
- New Biomaterials & Design Trends
- Surface Modification of Biomaterials
- Additive and Rapid Manufacturing for Medical Devices
- Advanced Manufacturing for Medical Devices
Material Processing



Co-Organised with:

ascamm
Member of
technology centre **TECNIO**

Sponsoring Partners:



Institute for bioengineering
of Catalonia

EUROPEAN MEDICAL
DEVICE TECHNOLOGY
emdt

www.medevice-spain.com

Welcome to the new international conference and exhibition designed for European medical device manufacturers involved in developing devices for short and long term implantable applications

Europe's inaugural Biomaterials Conference and Medevice Design and Manufacturing Exhibition will provide a European focus for medical device design and manufacturing professionals wishing to extend and update their knowledge of the latest advances in biomaterials as well as enabling them to review the latest processing technologies. The combined accessible exhibition and specialised conference will provide all participants with an ideal platform for creating new business opportunities, networking with peers, technological monitoring as well as meeting with their suppliers and finding new ones.



Who will attend the conference and exhibition?

Design, manufacturing and sourcing professionals from the medical device industry of Southern Europe:

- Product Development / R&D
- Quality Control
- General / Corporate Management
- Production / Manufacturing Engineering
- Test / QA & QC
- Electronics Design and Manufacturing
- Supply Chain Management and Purchasing

Biomaterials Europe

Conference Programme

The Biomaterials Europe Conference 2011 runs parallel to the exhibition and is a unique resource for European device manufacturers to keep abreast of the latest cutting edge innovations in biomaterials, developments in functional biomaterials for medical devices as well as advanced manufacturing technologies. Lots of valuable information will be delivered by keynote speakers among which are renowned researchers, medical devices manufacturers, new technology suppliers and many other experts.

Steering Committee

Nerea Alonso-Rodriguez, Project Director, Innovation Department, Biocat

Albert Giralt Cadevall, General Manager, AVINENT Implant System

Eduardo Corral, Operations Manager, INDIBA S.A.

Angel Lagraña, Business Development Manager Healthcare, Fundacion Privada Ascamm

Prof. Dr. Josep A. Planell, Director, Institute for Bioengineering of Catalonia (IBEC)

Conference Programme



DAY 1 – WEDNESDAY 5TH OCTOBER 2011

9.00 Welcome coffee - Exhibition opens

9.30 Opening address

Mr. Joan Sureda, Director of Industry of Regional Government of Catalonia, Spain

9.40 – 10.30

We1 – **The Medical Device Industry in Spain**

Chairpersons: **Montserrat Vendrell**, General Manager, BIOCAT, Spain

Angel Lagraña, Business Development Manager Healthcare, Fundacion Privada, Ascamm, Spain

We1.1 **Chair's opening remarks**

We1.2 **Medical device industry in Spain**

César Rubio, International Affairs Coordinator, Fenin, Spain

We1.3 **Special Catalonia: challenges, opportunities and synergies of cluster diversity**

Nerea Alonso, Project Director at Innovation Department, BIOCAT, Spain

Q&A followed by coffee break and visit to the exhibition

11.00 – 12.45

We2 – **Global Medical Device Market Opportunities and Regulatory Update**

Chairpersons: **Marta Príncep**, Director of Innovations, BIOCAT, Spain

Xavier Canals-Riera, Director, Tecno-med Ingenieros S.L., Spain

We2.1 **Medical Device Compliance for the US Market - A challenge for EU companies**

Ms. Claire Murphy, B.E. (Elect.), ASQ-CQA Biomed, Associate Consultant, Tecno-med Ingenieros S.L., Spain

We2.2 **Regulatory update in Europe**

Denys Durand-Viel, TÜV Rheinland, France

We2.3 **Compared regulatory requirements in the EU for an incremental innovation (based on existing device), versus a new biomaterial (as example, nanotech) versus a combination product**

Anne Dupraz-Poiseau, Ph.D., Executive Director, Voisin Consulting, France

We2.4 **Biocompatibility of medical devices – ISO 10 993 Update and guidance**

Dr. Vincent Legay, Manager European Sales, Biomatech, Namsa Company, France

Q&A followed by lunch and visit to the exhibition

14.00 – 16.30

We3 - **New Biomaterials & Design Trends**

Chairpersons: **Prof. Dr. Josep A. Planell**, Director, Institute for Bioengineering of Catalonia (IBEC), Spain

Dr. Cyril Voisard, Group Manager Materials & Surfaces, SYNTHES GmbH, Switzerland

We3.1 **New Trends in the Design of Biomaterials for Tissue Substitution, Repair and Regeneration**

Prof. Dr. Josep A. Planell, Director, Institute for Bioengineering of Catalonia (IBEC), Spain

We3.2 **Applied Materials Science to Support Osteosynthesis**

Dr. Cyril Voisard, Group Manager Materials & Surfaces, SYNTHES GmbH, Switzerland

We3.3 **Assessment of DYNEEMA PURITY® for scoliosis corrective surgery**

MSc Mischa Nelis, Application Manager Dyneema Purity®, DSM Biomedical, Netherlands

Q&A followed by coffee break and visit to the exhibition

We3.4 **Absorbable Polymers - Features and Factors of Medical Device Design**

Brian Clarke, International Product Manager - Biomaterials, Zeus Industrial Products, USA

We3.5 **Polymers for Strong and Tough Resorbable Implant Devices**

Robert van Tuil, Director Marketing Purac Biomaterials, Netherlands

We3.6 **Biomedical Textiles in Implantable Medical Devices**

Jeffrey M. Koslosky, Director of Technology & Product Development, Secant Medical LLC, Advanced Technology Group, USA

Q&A - End of the day, exhibition closes

DAY 2 – THURSDAY 6TH OCTOBER

9.00 Welcome coffee - Exhibition opens

9.30- 12.50

Th1 – **Surface Modification of Biomaterials**

Chairpersons : **Prof. Julio San Román**, Institute of Polymers, Institute of Polymers, CSIC and CIBER-BBN, Spain

Anna Cortina Caixach, R&D Manager, AVINENT Implant System, Spain

Th1.1 **The improvement of medical devices by coating with bioactive polymers. From the idea to the market**
Prof. Julio San Román, Institute of Polymers, Institute of Polymers, CSIC and CIBER-BBN, Spain

Th1.2 **Bioresorbable Nonwovens – Fiber based scaffolds for medical applications**
Dr. Dirk Grafahrend, R&D Manager Biodegradable Nonwovens, Freudenberg New Technologies KG., Germany

Th1.3 **Metal biomaterials surface modifications**
F. Javier Gil Mur, Director of the Biomaterials, Biomechanics and Tissue Engineering Group. Head of Division of Metals and Surfaces. Articular prosthesis, dental implants, Biofunctionalized, Bioactive and protein selective adhesion implants, Vice President of Technical University of Catalonia. Scientific Policy
Maria-Pau Ginebra, Full Professor at the Department of Materials Science and Metallurgy at UPC, Barcelona, Spain / Leader of the Biomaterials Division of the Research Center for Biomedical Engineering at UPC, Barcelona, Spain

Th1.4 **Parylene: A Surface Modifier for Medical Devices**
Lonny L. Wolgemuth, Sr. Medical Market Specialist, Specialty Coatings Systems, USA

Q&A followed by coffee break and visit to the exhibition

11.30- 12.30

Th2 – **Additive and Rapid Manufacturing for Medical Devices**

Chairpersons : **Benjamin Cavallini**, Materials & Manufacturing, ASCAMM Technology Centre, Spain

Angel Lagraña, Development Manager Healthcare, Fundacion Privada Ascamm, Spain

Th2.1 **Additive manufacturing in the medical sector, benefits and applications**
Benjamin Cavallini, Materials & Manufacturing, ASCAMM Technology Centre, Spain

Th2.2 **Processing of metallic biomaterials by innovative powder technologies**
Dr.-Ing. Philipp Imgrund, Pulvertechnologie – Biomaterialien, Fraunhofer-Institut für Fertigungstechnik und Angewandte Materialforschung, IFAM, Germany

Th2.3 **Laser-Sintering of PEEK, the development of cranial implant geometry**
Dr. Jose Greses, Sales Manager for South Europe and South America, EOS GmbH, Germany

Q&A followed by lunch and visit to the exhibition

14.00 – 16.30

Th3 - **Advanced Manufacturing for Medical Devices Material Processing**

Chairpersons : **Angel Lagraña**, Business Development Manager Healthcare, Fundacion Privada Ascamm, Spain

Eduardo Corral, Operations Manager, Indiba, Spain

Th3.1 **Customised Medical Implants: Challenges and current solutions**
Esther Hurtós Casals, PhD, European Project Manager, Fundació Privada Ascamm, Spain

Th3.2 **Polymer processing from a new prospective - The microextrusion**
Simone Maccagnan, Sales Manager, Gimac Microextruders, Italy

Th3.3 **Overview of different techniques of biomaterials assembly**
Florent Guyon, Business Manager, STATICE Santé, France

Q&A followed by coffee break and visit to the exhibition

Th3.4 **Qualification of MD packaging applied to sterilisation methods**
Speaker from Sealed Air Nelipak

Th3.5 **Process security and in line identification technologies in blister packaging equipment for medical devices in compliance with the EU regulations**
Luc Van de Vel, Director Business Unit Medical, Multivac, Germany

16.30 Exhibition closes

Ascamm Technology Center



ASCAMM is Industrial Research and Technology Transfer Center, with one of its strategic lines focused on Medical Devices. The main activities in this field is to cooperate with medical industry from the concept idea, going to detailed design, material/process selection and industrialization optimization. In the background it counts developments of projects like CUSTOM IMD, for customized implants, Fabio and Miracle, all projects for implant development, realized in collaborations with industry and other research centers. Besides, there is a long expertise in process, such as: Additive Manufacturing and other advanced processes, in example: microinjection, compounding, injection, extrusion, blow, etc. for the medical industry.

www.ascamm.com

Biocat (BioRegion of Catalonia)



Biocat is the organization that coordinates and promotes the biotechnology, biomedicine and medical technology sector in Catalonia. Our mission is to dynamize the stakeholders and their initiatives in order to create an environment with a strong research system, active transfer of knowledge and an entrepreunering business fabric.

www.biocat.cat/en

BioInteractions Ltd



BioInteractions a market leader in providing sophisticated biocompatible coating solutions to the worldwide medical device industry. Dedicated to enhancing the performance of devices ranging from disposable products to long-term implants, the company's specialist areas include blood and tissue compatibility, non-leaching antimicrobials, site-targeted drug delivery, highly lubricious coating and wound-care system.

www.biointeractions.com

Cikautxo Silicone



CIKAUTXO SILICONE is a global organization committed to the innovation, design, manufacture and service of silicone components and catheters. We offer complete in-house capabilities (ISO 7&8 clean rooms) from design assistance, laboratory testing, molt construction, sub-assembly and full service quality assurance (ISO 13485). We established in 1971 and we are part of MONDRAGON, a Corporation involving 90.000 employees.

www.cikautxo.es

Freudenberg New Technologies KG



Worldwide Freudenberg stands for innovations and unique processing solutions. Now we developed a technology offering innovative solutions for medical applications: bioresorbable nonwovens. Natural and synthetic biopolymers are spun using a gentle cleanroom process. As supplier for medical and pharmaceutical companies, we produce exclusive products for surgery, active woundcare and regenerative medicine in compliance with quality standards.

www.fnt-kg.de

Grup Vilardell Purti



Supported by an extensive experience in turning parts, Vilardell Purti has an area technologically specialized in the medical sector. Vilardell Purti's medical division can meet all the requirements of engineering, production and service for the medical technology market, thanks to its high standards in technology and quality.

www.vilardellpurti.com

La Précision



Micromechanics and mechatronics for the Medical industry, which we have been supplying since 1987. We offer a large array of technologies that enables us to deliver components or sub-assemblies for various applications, such as: dental implants + tools and drills, pacemakers, implantable infusion pumps for diabetes therapy, MIS, orthopaedics, neurosurgery, endoscopy.

www.laprecision.com

Luponax Biomedical



LUPONAX BIOMEDICAL develop & produce Thermoplastic Medical devices and single uses parts. Our staff offers a complete offer, through the concept phase, to prototype and series production. Automatic assembly - Video checking - Individual packaging... for our customer satisfaction. Injection class room ISO8, ISO 7 and ISO 5. (2400 m2) ISO 13485 certified, with its own laboratory giving particles and microbiological measures.

www.luponax.com

Medical Precision Implants



Medical Precision Implants, S.A. (MPI) is an industrial company created in 2008 to dynamically serve the international medical implant industry as an OEM (Original Equipment Manufacturer). Located in Madrid, MPI has highly skilled personal to manufacture products with the most advanced production means and measuring equipments available on the market.

www.mpimplants.com

Mikron Automation



Mikron Automation is a leading manufacturer of customized, high-performance, assembly and test solutions. With more than 400 employees in Europe, USA, and Asia, this Swiss based company can state on over 2000 installed systems working all over the world. The solutions are set for clean room ISO 7 environment and are validated according to GAMP 5.

www.mikron.com/automation

Namsa



For more than 40 years, NAMSA has specialized in the safety evaluation of medical devices. Its combination of consulting services and preclinical and clinical expertise allows it to deliver cost-effective solutions that satisfy regulatory requirements worldwide. All NAMSA laboratories are fully certified and accredited to the highest industry standards.

www.namsa.com

Qosina



Qosina is a worldwide supplier of stock components to the medical and pharmaceutical industries offering a huge selection, free samples, low minimums and Just-In-Time delivery. Qosina can eliminate the cost of tooling your own components and you will receive immediate delivery from inventory. We are ISO 9001 and 14001 certified.

www.qosina.com

Raumedic SRL



RAUMEDIC is a worldwide development partner and system supplier to the medical and pharmaceutical industry with particular expertise in extrusion, injection moulding and assembly. RAUMEDIC provides its customers with innovative and high quality products made using all thermoplastic polymers as well as silicone. RAUMEDIC's expertise in material science, design, prototyping, tool making, engineering, R&D and Regulatory Affairs means successful development from customer concept to full CE marked products.

www.raumedic.com

Rovebloc, S.A.



ROVEBLOC is been dedicated for more than 50 years to manufacturing and distributing packaging machines. We are specialized in bagging machines for polyethylene bags and sterilization pouches.

www.rovebloc.com

Specialty Coating Systems



Specialty Coating Systems Inc. (SCS) is a leader in Parylene conformal coating services and technologies, with 11 locations throughout the Americas, Europe, and Asia. Ultrathin SCS Parylene coatings are biocompatible and biostable, and offer excellent moisture, chemical, and dielectric barrier properties to protect components in the medical device, electronics, automotive, and military industries.

www.scscoatings.com

Titanium Industries



Titanium Industries are a world class supplier of only qualified titanium and high performance metals to Medical, Aerospace, Gas & Oil and High Technology Industries operating from 14 sites around the world. We offer a full range of stock products in all grades with full cutting facilities including water jet.

www.titanium.com

Zeus Inc



For more than 40 years, Zeus has excelled in the field of polymer science and advanced extrusions. Specializing in precision extrusions of fluoropolymers and bioabsorbables, we produce customized bioabsorbable tubing with enhanced properties, modulated degradation rates and varying strengths and stiffness. Zeus operates facilities in the United States and internationally.

www.zeusinc.com

Booking Information

Conference Registration

Registration includes coffee breaks, electronic access to session materials for the day(s) you are registered, entrance into the exhibition halls, and lunch for the day(s) you are registered.

We are happy to welcome a substitute delegate, provided a written request is received by 16 September 2011. After 16 September 2011, a 50€ transfer fee will apply. For cancellations we offer a refund, less a service charge (50€), provided the cancellation is received in writing before 16 September 2011. We regret that no refunds can be made after 16 September 2011.

Conference Proceedings

You will receive a link to download the presentations you attended after the show.

Conference Language

The official conference language is English.

Programme Alterations

It may be necessary for reasons beyond the control of the organisers to alter the content and timing of the programme and speakers.

Data Protection

The information you provide will be held on a database for our own use. It will not be released to any third parties not in conjunction with the conference without your permission.

Exhibition Only Registration

Access to the exhibition is free of charge for professionals who pre-register online. If you do not pre-register online then you will have to do so on-site which may result in queuing.

Sponsorship Opportunities

Sponsoring the Medevice Design and Manufacturing exhibition and Biomaterials Europe conference is an excellent way to promote your organisation. Your company's name can be prominently displayed in the conference or exhibition halls, conference proceedings, press releases, the website and other publications.

For further details, please send your request to medevice-spain@ubm.com

Hotel And Transportation

For information about hotels and transportation, please visit our website: www.medevice-spain.com

Enquiries

If you have any questions about the conference or how to register, please do not hesitate to contact the Medevice helpdesk, who will be pleased to assist you:

Tel: +34 96 62 60813

Email: helpdesk-spain@ubm.com

The Organisers

This event is organised by UBM Canon, an independent leading publisher, trade show producer and digital media company for the medical manufacturing, general design, microelectronics, pharmaceutical and packaging industries. In addition to sixteen trade magazines and sixty-three events in nine countries, UBM Canon produces industry directories, medical device engineering and design awards and comprehensive Internet sites.

For more information, please visit www.medevice-spain.com

