



# Medical Technology

in the Capital Region Berlin-Brandenburg



Modular-Lab eazy (Eckert & Ziegler): the smallest radio-synthesis system on the market for nuclear medicine



PhysioMem PM 100 tele-ECG from GETEMED assists doctors and patients in detecting heart rhythm disturbances

### Companies

- aap Implantate
- Aristotech
- B. Braun Melsungen
- BANDELIN
- Berlin Heart
- BIOTRONIK
- botiss medical
- Christoph Miethke
- Carl Zeiss Meditec
- Emperra
- Eckert & Ziegler
- GETEMED
- JPK Instruments
- KARL STORZ
- KNAUER Wissenschaftliche Geräte
- Limmer Laser
- MagForce
- Medipan
- MELAG
- Merete Medical
- Meytec
- MGB Endoskopische Geräte
- MT Derm
- nanoPET Pharma
- Occulentis
- OHST
- Olympus Surgical Technologies Europe
- OTB
- Otto Bock HealthCare
- Roland Consult
- Schnorrenberg
- Chirurgiemechnik
- SOMATEX
- Vanguard
- W.O.M. World of Medicine
- XION
- Zimmer Biomet Deutschland

### Clinics

- Alexianer Kliniken
- Asklepios Kliniken
- Carl-Thiem-Klinikum Cottbus

## Dynamic company growth

Berlin-Brandenburg is one of the leading medical technology locations in Europe and has demonstrated a high growth dynamic for many years. Around 305 companies and their approx. 13,500 employees generate annual revenues of €1.5 billion in the region. While these companies tend to be small and medium-sized, their products are among the leaders in their fields of business. Telemedicine and eHealth, medical imaging, oncology, cardiology, minimally invasive medicine and organ support or replacement systems are all areas of focus in which many of the region's innovative, capable companies are active.

Many products from Berlin-Brandenburg are successful in the global market. The region is home to several market leaders in the field of cardiac support systems, as the external pumps for infants provided by Berlin Heart, the pacemakers by Biotronik and stents produced by B. Braun. In the field of minimally invasive medicine, some of the best endoscopes, insufflators and camera systems are developed in Berlin-Brandenburg by companies like W.O.M. World of Medicine, MGB



»Having a subsidiary for development and manufacturing in the Berlin-Brandenburg region is a major asset for Olympus. With its exceptional number of universities and academies, scientific institutions, medical centres and its rising start-up scene the region offers a

great pool of talents and innovation power. Getting access to this excellent infrastructure will help Olympus to create products that support a healthier and safer life of people.«

**Dr. André Roggan**  
Executive Managing Director  
Olympus Surgical Technologies Europe



**Sven-René Friedel**  
General Manager  
Berlin Heart GmbH

»The excellent interplay between the clinics, science and business in Berlin provides patients with innovations early and allows us to supply our products to clinics and patients worldwide. We save many lives from our headquarters in Berlin.«

Endoskopische Geräte Berlin and XION. Innovative products in the field of implants and orthopedics are produced by aap Implantate, Merete Medical, OHST and ZIMMER Biomet Deutschland. Companies such as nanoPET Pharma and the world market leader, Eckert & Ziegler Strahlen- und Medizintechnik, are developing innovative products for nuclear medicine.

## Clinics and research

More than 130 hospitals are located in the Berlin-Brandenburg area. The availability of active partners for research & development makes it an ideal location for innovation. The institutions in the capital region with outstanding international reputation include Charité – Universitätsmedizin Berlin, the German Heart Center Berlin, 30 universities in Berlin and Brandenburg, the Brandenburg Medical School Theodor Fontane, the Fraunhofer Institute for Biomedical Engineering, the Max Delbrück Center for Molecular Medicine in the Helmholtz Association, Leibniz Institut für Molekulare Pharmakologie and Physikalisch-Technische Bundesanstalt.



XION HD / 4K / 3D video processor MATRIX P Spectar with 2D & 3D camera heads and flexible video nasopharyngoscope XN HD

- High growth in small and medium-sized companies, over 300 medical technology companies with approx. 13,500 employees
- Many of the region's companies are the world leaders in their segment
- High export rate
- Active commitment of corporations such as Siemens Healthineers, Biotronik, Medtronic, Karl Storz, Philips, CompuGroup and Otto Bock HealthCare
- Excellent cooperation opportunities with research facilities and companies in the areas of biotechnology, pharmaceuticals, photonics, microsystems technologies and ICT
- Established sector-specific networks
- Outstanding clinic location
- Unique density of university and non-university research institutions

## International meeting place

The capital region is a hotspot for international congresses and conferences. According to the statistics of the International Congress and Convention Association (ICCA), Berlin is ranked among the top 5 conference venues in the world – and is number 1 in Germany by a wide margin. Berlin's tourism marketing company reports that the majority of the participants come from science and medicine, emphasizing the city's importance as a medical location.

## Networks facilitate the contact between science and businesses

The Berlin-Brandenburg region provides companies with excellent cooperation opportunities. A series of networks and platforms concentrate on specific themes. Since 2006, the Imaging Network Berlin (INB) has been fostering translation and cooperation in the field of medical imaging. The network supports the interdisciplinary exchange of experience and information among the players in the areas of medicine, biotechnology and nanotechnology, medical technology and computer science. Further-



»WOM stands for great networking between science, hospital and the innovative start-up scene in Berlin-Brandenburg and beyond. WOM Innovation Management is screening both the ongoing start-up scene and young companies for potential beneficial cooperation and bringing nascent projects into the operation theatre from hospitals and universities, as in the project 'Advanced Fluid Control in Minimal Invasive Surgery'. Herewith different data sources will be evaluated to optimize patient safety, treatment result and entire profitability, summarized in value-driven healthcare.«

**Dr. Clemens Scholz**  
CEO  
W.O.M. WORLD OF MEDICINE GmbH



»With our vascular-systems-related investments, we have again decided in favor of Berlin. After all, the potential employees for our company with specific knowhow related to the development, production and marketing of cardiovascular products and system solutions are here. And the local interconnection with our users, research institutes and universities is also a key factor. We are constantly deriving new ideas for our current and future orientation from this dialog. And not least – for new employees from trainees to managers, Berlin is a highly attractive location.«

**Gerd Wacker**  
Senior Vice President  
B. Braun Vascular Systems

more, with the help of the Cluster HealthCapital, the Charité – Universitätsmedizin Berlin, and a group of companies are currently laying the basis for a Medical Simulation and Training Center at Charité. The Center aims at improving patient safety, the quality of patient care and the clinical process flows. Research, development and training are pursued in cooperation with medical technology businesses.

## Qualified personnel

Together with the capital region's ultra-high attraction factor, the extremely broad ranges of degree programs and qualification options make it easy to find the right employees in Berlin-Brandenburg. Particularly, the high concentration of IT specialists and tech-savvy start-ups make Berlin the perfect location for developing future business in the field of medical technology and medical informatics.

Charité –  
Universitätsmedizin Berlin  
Deutsches Herzzentrum  
Berlin  
DRK Kliniken  
HELIOS Kliniken  
Immanuel Klinik Rüdersdorf  
Immanuel Klinikum Bernau –  
Herzzentrum Brandenburg  
Klinikum Ernst von  
Bergmann  
KMG Kliniken  
Median Kliniken  
Rhön-Kliniken  
Ruppiner Kliniken  
Sana Kliniken  
Städtisches Klinikum  
Brandenburg  
Unfallkrankenhaus Berlin  
Vivantes – Netzwerk für  
Gesundheit

## Selection of Research Institutes

Berlin Institute of Health  
Berlin School of Integrative  
Oncology  
Berlin Ultrahigh Field Facility  
Beuth University of Applied  
Sciences Berlin  
Brandenburg Medical School  
Bundesanstalt für Material-  
forschung und -prüfung  
Cluster of Excellence  
NeuroCure  
Deutsches Rheuma-  
Forschungszentrum  
Fraunhofer Institutes IZM,  
HHI, FOKUS and IPK  
Helmholtz-Zentrum  
Geesthacht  
Humboldt Universität Berlin  
Max Delbrück Center for  
Molecular Medicine  
Max Planck Institute of  
Colloids and Interfaces  
Physikalisch-Technische  
Bundesanstalt  
Technische Universität Berlin  
TH Wildau - University of  
Applied Sciences



**HealthCapital**  
BERLIN BRANDENBURG

## Our aim: your success!

Berlin and Brandenburg support the medical technology sector with an economic policy developed across state borders in the health-care industries cluster. The cluster is managed under the aegis of Berlin Partner for Business and Technology and the Brandenburg Economic Development Corporation (WFBB). Our aim is to provide comprehensive support to companies and scientific institutions interested in inward investment or further development in the capital region.

We are ready to assist you with:

- Finding a location
- Funding and financing
- Technology transfer and R&D cooperation
- Cooperating in networks
- Recruiting personnel
- Developing international markets

Reach out and contact us!  
[www.healthcapital.de](http://www.healthcapital.de)

PHOTOS: Cover: © BIOTRONIK - DX technology is a pioneering solution that offers complete atrial diagnostics in a single-lead ICD device. Inside: Eckert & Ziegler, GETEMED, XION  
DESIGN: Büro Watkinson, Berlin. PRINT: LASERLINE, Berlin

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