

The European medical market is characterised by significant 'hot-spots' of research, design and manufacturing excellence, as you may find them in the **Meuse Rhine Triangle**, the heartbeat of Life Sciences in Europe.



« Matricel is a truly international life sciences company with about 50 % of its employees coming from the Maastricht region and the other 50 % from Aachen. Without our established networks within the Meuse Rhine Triangle with many partners in industry and university it would have been quite difficult to start up our business with the same progression rate. »

Ingo Heschel,
CEO of Matricel, Herzogenrath (www.matricel.de)

A cluster of 300 innovative companies in medical technology & biotechnology

- 5 top universities and 3 academic hospitals
- Core competences: biotechnology, cardiovascular research and therapies, and biomaterials
- An unrivalled concentration of 130 world-class research centres
- 17,000 life sciences students & 11,000 university employees

www.heartbeatineurope.org

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Ministerium für
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des Landes Nordrhein-Westfalen



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**HEARTBEAT
OF LIFE SCIENCES
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**THREE COUNTRIES
ONE MISSION | ONE BEAT**

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the Heartbeat of Life
Sciences
In Europe!**

**Medical Device
Manufacturing**

Looking for contact to R&D facilities?

- **Medtronic Inc.** has a well-known facility in the cross-border region of the Netherlands: The Bakken Research Center (Maastricht) employs about 160 scientists, researchers and technical experts, who work in close cooperation with medical specialists to develop new therapies. (www.medtronic.com)

- The **Aachen Institute of Biomedical Technologies**, located in the direct neighbourhood of the famous Aachen University of Technology (RWTH), is active in the research fields cardiovascular engineering, cryobiology & biomaterial, biophysical measurement techniques and surgical therapy technology. (www.hia.rwth-aachen.de)

- As a leading player in diagnostic imaging, **Philips** is one of the drivers in integrating multiple imaging technologies. Decades before, the company installed its research center in Aachen that includes enhanced image processing, innovative imaging systems and medical data standards. Philips merges technologies from consumer electronics and medical domains to extend the reach of healthcare to people's personal environment. (www.philips.com)

- The **Deutsches Wollforschungsinstitute (DWI)** is a modern research facility with a strong focus on state-of-the-art materials at the Aachen University. DWI's main areas of research are e.g. textile technology, wool, specialty animal fibres, [biomaterials](#) and

[proteins, macromolecular materials and functional polymers, surface chemistry and nanotechnology.](#) (www.dwi.rwth-aachen.de)

Or interested in contact to companies?

- **Fortimedix** has access to over 50 years of valuable experience in the specific field of minimal invasive healthcare. In combination with Fortimedix in-house test lab and manufacturing capabilities, they are able to rapidly develop customer products, enabling them to stay ahead of their competitors. Fortimedix offers a comprehensive range of services and products taking the project from the initial concept through to manufacturing and beyond. With this unique approach, Fortimedix is targeting professional, long-term partnerships. (www.fortimedix.com)

- **Hemoteq** is a designer and manufacturer of ultra-thin coatings. The development of Hemoteq's proprietary Camouflage® coating system has led to a biomimicry concept for creating hemocompatible device surfaces. (www.hemoteq.de)

- **Maastricht Instruments (MI)** is a professional engineering company that develops and produces instruments, assessment devices and software. MI works according to ISO-9001 standards. The company started in 1998 to give spin-off to the external market from products developed by the Instrumental Engineering Department of the Medical Faculty of Maastricht University. MI has a large experience in

designing specific equipment and instruments together with data analysis and data presentation for biomedical research. (www.maastrichtinstruments.nl)

- **MediTech Strategic Consultants** was founded by Carla Kikken-Jussen. The MediTech headquarter is located in Vaals, near Maastricht. With branch offices in Paris and Dublin and associates in Italy and United Kingdom it is able to offer services and meet its clients needs in most European countries. The MediTech objective is to speed up the process of putting new medical devices on the European market. Its strategy is to work closely with its clients to develop and execute a tailor-made plan, in areas such as Clinical Consulting Services and Monitoring, Regulatory Assistance and Clinical Strategies, Pre-market Analysis, Data Management and Product Distribution. (www.meditech.nl)

- **Technomed Europe** is one of the leading developers, manufacturers and suppliers of neuro-diagnostic accessories in Europe. They offer for example Neuro Diagnostic Accessories, Pulse Oximeter Sensors & Temperature Probes or ECG Cables & Leadwires. Technomed Europe is the European representative of Affinity Medical Technologies. (www.technomed.nl)

- and others:

- **Vygon**, Aachen, www.vygon.com
- **Alaris Medical Systems**, Baesweiler, www.alarismed.com