B Product categories MEDICA 2026

MEDICA

Düsseldorf
16/11–19/11/26

1 Clinical Diagnostics & Therapeutic Technologies

1.1 Diagnostics, Imaging & Nuclear Medicine
1.1.1 Radiology & Imaging Systems
1.1.1.1 X-ray (analog, digital, mobile)
1.1.1.2 Computed Tomography – CT (low-dose, spectral, AI-assisted)
1.1.1.3 Magnetic Resonance Imaging – MRI (low-, high- and ultra-high-field)
1.1.1.4 Ultrasound (POCUS, AI-guided, portable)
1.1.2 Nuclear Medicine & Molecular Imaging
1.1.2.1 PET / PET-CT / PET-MRI
1.1.2.2 SPECT / gamma cameras
1.1.2.3 Radiotracers & isotopes
1.1.2.4 Radiopharmaceutical production & handling
1.1.2.5 Cyclotrons & hot-lab equipment
1.1.2.6 Dosimetry & radiation safety
1.1.2.7 Theranostics (diagnostics + therapy)
1.1.3 Radiation Therapy
1.1.3.1 Linear accelerators
1.1.3.2 Proton & heavy-ion therapy
1.1.3.3 Brachytherapy
1.1.3.4 Treatment planning systems
1.1.3.5 Quality assurance & safety systems
1.1.4 Interventional & Image-Guided Therapy
1.1.4.1 Hybrid OR imaging
1.1.4.2 Navigation & tracking systems
1.1.4.3 Robotics-assisted interventions
1.1.5 Imaging IT & Artificial Intelligence (clinical operations)
1.1.5.1 PACS / RIS / VNA
1.1.5.2 Imaging AI (diagnostics, workflow, dose management)
1.1.5.3 Image analytics & visualisation
1.1.5.4 Imaging QA, compliance & regulatory IT

1.2 Laboratory, IVD & Diagnostics
1.2.1 Clinical chemistry & immunoassays
1.2.2 Molecular diagnostics & genomics
1.2.2.1 PCR & qPCR
1.2.2.2 Next-generation sequencing (NGS)
1.2.2.3 Single-cell diagnostics
1.2.2.4 Companion diagnostics
1.2.3 Microbiology & infectious disease diagnostics
1.2.4 Hematology & coagulation
1.2.5 Pathology & histology
1.2.5.1 Digital pathology
1.2.5.2 AI-based pathology
1.2.6 Point-of-care & near-patient testing
1.2.7 Home & self-testing
1.2.8 Laboratory automation & robotics
1.2.9 Laboratory informatics (LIS / LIMS / laboratory data platforms)

1.3 Medical Devices & Clinical Equipment
1.3.1 Surgical systems & instruments
1.3.2 Operating room infrastructure
1.3.3 Anaesthesia, intensive care & life-support systems
1.3.4 Emergency, Rescue & Disaster Medicine
1.3.5 Cardiology & vascular medicine
1.3.6 Neurology & neurosurgery
1.3.7 Ophthalmology
1.3.8 ENT & audiology

1.4 Women's Health, Neonatology & Pediatric Care
1.4.1 Obstetrics & gynaecology
1.4.2 Fetal monitoring
1.4.3 Neonatal intensive care
1.4.4 Reproductive health
1.4.5 Fertility & contraception technologies
1.4.6 Pediatric care & pediatric medical technologies
1.4.6.1 Pediatric ventilation & respiratory therapy
1.4.6.2 Pediatric patient monitoring
1.4.6.3 Pediatric anaesthesia
1.4.6.4 Pediatric critical & emergency care
1.4.6.5 Pediatric medical devices & interfaces

1.5 Oncology & Advanced Therapies
1.5.1 Medical oncology devices
1.5.2 Radiation oncology
1.5.3 Nuclear oncology & theranostics
1.5.4 Cell & gene therapy systems
1.5.5 Companion diagnostics
1.5.6 Tumour boards & AI-based clinical decision support

1.6 Orthopaedics, Trauma & Rehabilitation
1.6.1 Implants & prosthetics
1.6.2 Trauma systems
1.6.3 Physiotherapy equipment
1.6.4 Exoskeletons
1.6.5 Assistive mobility technologies

2 Digital Medicine, Data & Artificial Intelligence

2.1 Hospital IT (HIS / EHR / ERP)

2.2 Clinical workflow & decision support systems

2.3 Telemedicine & remote care

2.4 Wearables

2.5 Artificial intelligence
2.5.1 Clinical AI & decision support
2.5.2 Operational AI (processes, capacity, logistics)
2.5.3 Imaging AI (platforms, workflow, dose management)

2.6 Interoperability & standards (FHIR, DICOM, IHE)

2.7 Cybersecurity & data protection

2.8 Data platforms & cloud health

3 Integrated Care, Rehabilitation & Homecare

3.1 Homecare, long-term care & ageing

3.2 Consumables, disposables & infection control

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4 Healthcare Infrastructure, Manufacturing & Quality

- 4.1 Healthcare infrastructure & built environment
- 4.2 Drug-Device & Radiopharmaceutical Technologies
- 4.3 Manufacturing, CDMO & industrial medtech
- 4.4 Regulatory, quality & market access

5 Healthcare Systems, Education & Global Health

- 5.1 Education, training & simulation
- 5.2 Healthcare services & ecosystem