

WHERE HEALTHCARE IS GOING

MEDICA DÜSSELDORF

COMPAMED DÜSSELDORF

REHACARE DÜSSELDORF

FAMDENT SHOW MUMBAI

INTEGRATION MOSCOW

MEDICAL FAIR ASIA SINGAPORE

MEDICAL FAIR CHINA SUZHOU

MEDICAL FAIR INDIA MUMBAI

MEDICAL FAIR INDIA NEW DELHI

MEDICAL FAIR THAILAND BANGKOK

MEDICAL MANUFACTURING ASIA SINGAPORE

MEDITECH BOGOTÁ

Strategic Co-operations:

HOSPITALAR SÃO PAULO

ZDRAVOOKHRANENIYE MOSCOW

KEY FACTS
AND
ECONOMIC
DATA

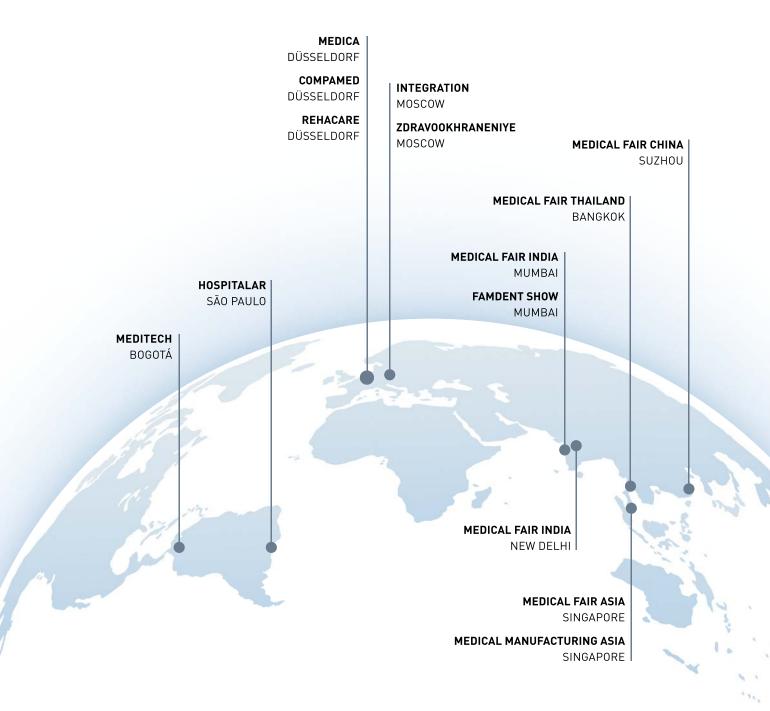
www.medicalliance.global



JOIN US AROUND THE WORLD

MEDICAlliance is your partner for medical trade fairs worldwide.

Be part of the global network of Messe Düsseldorf and join us in Bangkok, Bogotá, Moscow, Mumbai, New Delhi, São Paulo, Suzhou and Singapore!



WHERE HEALTHCARE IS GOING



Leading International Trade Fair

DÜSSELDORF, GERMANY 18-21 NOVEMBER 2019

www.medica.de

Member of MEDICAlliance

General information



Established 1969



Organiser





Venue

Exhibition Centre and Congress Center Düsseldorf, Germany



Project management

Paolo Bonvecchio Christian Bigge Claudio Bucchi Vanessa Klein Carolin Krebs Udo Wiemann



Contact

Paolo Bonvecchio
BonvecchioP@messe-duesseldorf.de



Staging cycle
Annual



Co-located exhibition COMPAMED

Visitor target groups

- General practitioners
- Hospital doctors
- Hospital managers
- Hospital nursing staff
- Hospital technical managers
- Laboratory managers
- Physiotherapists
- Medical trade
- Medical industry
- Medical assistants (hospital, doctor's surgery, laboratory)
- Hospital operators

Main product categories

Electromedicine and medical technology

Laboratory equipment

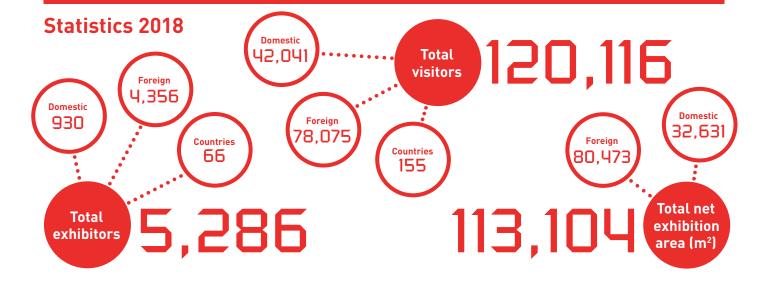
Diagnostic tests

Physiotherapy and orthopaedic technology

Commodities and consumer goods

Information and communication technology

Medical services and publications



ED CALLECTION www.medicalliance.global

Economic data for Germany



Future prospects for "Medical Technology"

According to the industry association SPECTARIS e.V., the German medical-technology industry is drawing a positive balance for 2017, even if sales are slightly below expectations. Last year, total sales amounted to EUR 29.93 billion, an increase of 2.5 per cent in comparison with 2016. For 2018, SPECTARIS expects an increase of 4 per cent to a total turnover of more than EUR 30 billion for the first time. The medical-technology sector thus remains an important growth driver for the German economy and makes a significant contribution to achieving Germany's economic-policy goals.

Sources: GTAI, Branchen kompakt: Medizintechnik (Medical Technology) SPECTARIS, press release from 18 May 2018 Further information: www.zvei.de | www.spectaris.de | www.bymed.de

Market data for "Medical Technology"

Market volume in € millions (2017)

29,930

Export in € millions (2017)

19,080

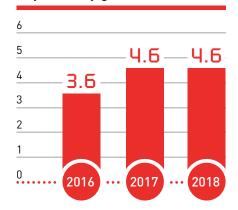
Outli	Outline data				
	Number of inhabitants (million)	82.7 2017			
	Population increase (% p.a.)	-0.2 2017			
	Average life expectancy at birth (years)	80.5 2014			
606	Proportion of health expenditure to GDP (%)	11.3 2015			
ê	Doctors/100,000 inhabitants	413 2015			
E	Hospital beds/100,000 inhabitants	511 2015			
Source: Sta	atistisches Bundesamt				

Key economic data 2016 to 2018*

Real change in % in comparison with previous year | *2017 and 2018: Forecast | Source: Germany Trade & Invest, www.gtai.com

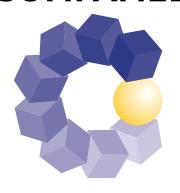
GDF			
6			
5			
4			
3			
2	1.9	1.5	1.8
1			
0	2016	2017	2018





Export (only goods)

COMPAMED



www.compamed.de

Leading International Trade Fair

DÜSSELDORF, GERMANY 18 - 21 NOVEMBER 2019



General information



Established 1991



Organiser Messe Düsseldorf GmbH



Exhibition Centre and Congress Center Düsseldorf, Germany



Project management Christian Bigge



Contact

Christian Bigge BiggeC@messe-duesseldorf.de Phone: +49 211 4560 573



Staging cycle Annual



Co-located exhibition **MEDICA**

Visitor target groups

- Design engineers
- Engineers and technicians for R&D and production departments
- Heads of research and development departments
- Medical-technology exhibitors from the MEDICA
- Packaging specialists
- Process engineers
- Production managers
- Qualification and validation specialists
- Quality assurance/ quality control managers
- Technical procurement managers

Main product categories

Manufacturing of components

Manufacturing of finished products

Services

Manufacturing equipment

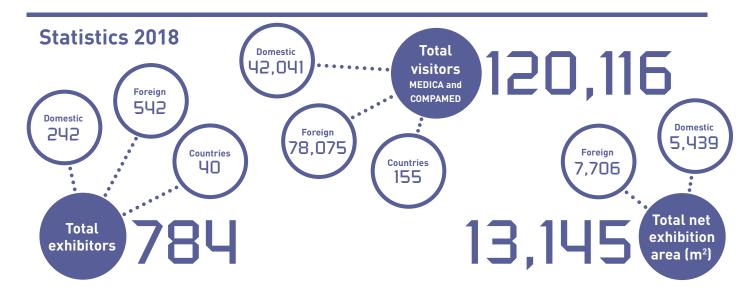
Components, modules, OEM equipment

Electrical components, electronical components

Microtechnology

Raw materials, materials, adhesives

Software, IT



ED CALLEGISTA

Economic data for Germany



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Export in € millions (2017)

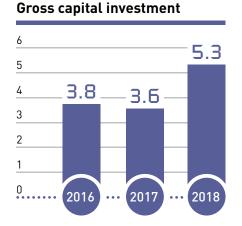
19,080

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000	Proportion of health expenditure to GDP (%)	11.3	2015		
Î	Doctors/100,000 inhabitants	413	2015		
E	Hospital beds/100,000 inhabitants	611	2015		
Source: Sta	atistisches Bundesamt				

Key economic data 2016 to 2018*

Real change in % in comparison with previous year | *2017 and 2018: Forecast | Source: Germany Trade & Invest, www.gtai.com

GDP
6
5
4
3
<u>2</u> 1.91.5 1.8
1
0 2016 2017 2018





REHACARE INTERNATIONAL

www.rehacare.com

International Trade Fair for Rehabilitation and Care

DÜSSELDORF, GERMANY 18-21 SEPTEMBER 2019



General information



Established



Organiser

Messe Düsseldorf GmbH



Exhibition Centre and Congress Center Düsseldorf, Germany



Project management Gabriele Hainke Elke Petermann



Staging cycle Annual



Contact

Gabriele Hainke HainkeG@messe-duesseldorf.de Phone: +49 211 4560 507 Elke Petermann

PetermannE@messe-duesseldorf.de Phone: +49 211 4560 599

Visitor target groups

- Medical Trade/Health Care Supply Store, Orthopaedy handicraft
- Assistive technology industry, Other industrial branches
- Rehabilitation Hospital/Rehab facility
- Hospital
- Nursing Home, retirement home
- Doctors' surgery, other surgery
- Outpatient nursing
- Assisted living
- Special Facility/Training Center/Workshop
- Association/Organisation
- Public authority
- Cost bearer, health and care insurance, private health insurance
- University/High School/Technical College
- Construction sector/Construction service

Main product categories

Daily living aids

Wheelchairs, vehicles

Mobility aids, walking aids

Nursing care

(in-patient/homecare)

Aids for children

Cars, car adaption

Orthopedic aids

Exoskeletons

Ambient Assisted Living (AAL)

Clothing, protective gear

In-patient medical care

Body care, body hygiene

Communication aids, IT

Physiotherapy, ergotherapy, physical training

Food, kitchen furnishing and supplies

Barrier free living

Education, employment, occupation

Padagogy, education and further

training

Sports, leisure time, games

Travelling

Associations, institutions, organisations



Economic data for Germany



Future prospects for "Medical Technology"

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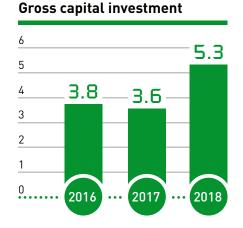
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	Average life expectancy at birth (years)	80.5 2014		
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***	Hospital beds/100,000 inhabitants	511 2015		
Source: Sta	atistisches Bundesamt			

Key economic data 2016 to 2018*

Real change in % in comparison with previous year | *2017 and 2018: Forecast | Source: Germany Trade & Invest, www.gtai.com

GDP		
6		
5		
4		
3		
2 1.9	<u> </u>	1.8
1		
0 201	6 201	7 2018







www.famdent.com

Scientific Conferences & Trade Fairs

BOMBAY CONVENTION & EXHIBITION CENTRE, MUMBAI*

7-9 JUNE 2019



*Further satellite events in Hyderabad, Pune, Indore and Nagpur

General information



Established 2005



Organiser

Messe Düsseldorf India Pvt. Ltd.



Project management Messe Düsseldorf India Pvt. Ltd.



Venue

Bombay Convention & Exhibition Centre Mumbai, India



Staging cycle Annual



Contact

Cheryl Fernandes FernandesC@md-india.com Phone: +91 22 66789933

Visitor Profile

- Practicing Dentists
- Dealers & labs
- Students
- others

Exhibitor Profile

- Dental dealers
- Manufacturers
- Importers of dental equipment
- Instruments and consumables
- Service providers like software, continuing dental education providers

Statistics 2018



Total visitors 13,500



Domestic



Total net exhibition

Economic data for India



Market data for 'Medical Technology"

Market volume in US\$ millions (2015)

Import in US\$ millions (2015)

Future prospects for "Medical Technology"

India continues to be one of the most promising markets for medical technology worldwide. Strong economic growth as well as low inflation and interest rates will further accelerate the development of the sector. According to the market research company Business Monitor, the market volume for medical-technology products is expected to grow to around USD 5 billion by 2020. The industry is also benefiting from increasing medical tourism as well as the increasing importance of telemedicine and M-Health. The Indian medicaltechnology market's high dependence on imports continues to offer the best opportunities for international manufacturers.

Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology) Further information: www.aimedindia.com

Outline data



Number of inhabitants (million)

1.20

Population increase (% p.a.)

2014



Average life expectancy at birth (years)

2011



Proportion of health expenditure to GDP (%)

2015



Doctors/100,000 inhabitants

2015



Hospital beds/100,000 inhabitants

2015

Key economic data 2016 to 2018*

Real change in % in comparison with previous year | Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology)

GDP			
24			
16			
8	8.2	7.1	— 6.7
0	2016	2017	2018
-8			
_16			

24 16 -8 -16





7th International Exhibition for Rehabilitation Equipment and 2th Russian Forum on Prosthetics and Orthotics

AO EXPOCENTRE FAIRGROUNDS AT KRASNAYA PRESNYA, MOSCOW, RUSSIA 25-27 JUNE 2019

www.integration.ru

Member of ((XX) MEDICAlliance

General information



Established



Organiser

000 Messe Düsseldorf Moscow Leipziger Messe International **GmbH**



Venue

AO EXPOCENTRE Fairgrounds at Krasnaya Presnya, Moscow, Russia



Contact

Mikhail Shatov ShatovM@messe-duesseldorf.ru Phone: +7 495 955 91 99 ext. 634



Project management Mikhail Shatov



Staging cycle Biennial

Visitor target groups

- Science community
- Businessmen
- Dealers
- Federal and regional state authorities
- Mass media
- Medical experts
- Non-commercial organisations
- People with disabilities, patients
- Physiotherapists
- Decision-makers, buyers and managers from hospitals, clinics and rehabilitation centers, private and public orthopaedic workshops, public agencies, insurers and medical appraisal services
- State institutions and enterprises
- Disability assessors

Main product categories

Accessible social, transport and engineering infrastructure

Associations, public organisations, media

Communication

Daily living aids, household, nutrition and clothing

Education, professional training, occupation and employment

Health resorts and rehabilitation centres

Medical care

Mobility and walking aids

Nursing care for in-patient, homecare for disabled and elderly

Orthopaedic aids

Orthopaedic shoe technology

Physical training, physiotherapy and occupational therapy

Technical means and technologies for rehabilitation

Travel, leisure, sports and recreation



Total visitors

2,350

Economic data for Russia



Market data for "Medical Technology"

Market volume in US\$ millions (2016)

3,122

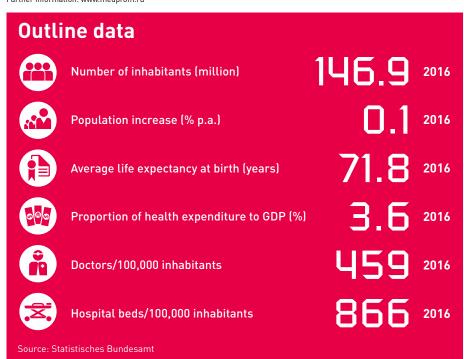
Import in US\$ millions (2016)

2,711

Future prospects for "Medical Technology"

After the weak past few years, demand for medical technology in Russia is picking up again. The industry is benefiting from increasing investments in the health sector. More than EUR 40 billion will be invested in new clinics and other medical equipment this year. Analysts of the management consultancy KPMG even expect public spending of around EUR 48 billion this year (+10 per cent compared to 2017), which corresponds to a share of around 3.6 per cent of the GDP. The government wants to tighten import substitution in medical technology, which should make market access more difficult for international companies. The private health sector and telemedicine offer new and promising business opportunities.

Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology) Further information: www.medprom.ru



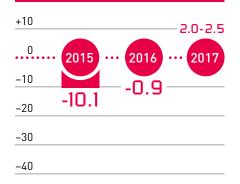
Key economic data 2015 to 2017*

Real change in % in comparison with previous year | *2016 and 2017: Forecast | Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology)

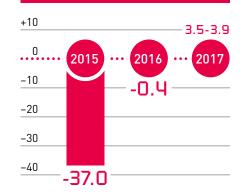
GDP

+10 -10 -20 -20 -30 -40

Gross capital investment



Export (only goods)





International Exhibition on Hospital, Diagnostic, Pharmaceutical, Medical & Rehabilitation Equipment & Supplies

MARINA BAY SANDS, SINGAPORE 9-11 SEPTEMBER 2020

www.medicalfair-asia.com



General information



Established



Organiser

Messe Düsseldorf Asia Pte. Ltd.



The Sands Expo & Convention Centre, Marina Bay Sands, Singapore



Project management Daphne Yeo



Contact

Daphne Yeo medicalfair-asia@mda.com.sg Phone: +65 6332 9620 Christian Bigge

BiggeC@messe-duesseldorf.de Phone: +49 211 4560 573



Staging cycle



Co-located exhibition MEDICAL MANUFACTURING ASIA

Visitor target groups

- Biologists, biochemists, technicians
- Care services and self-help groups
- Dispensing chemists, pharmacists
- Doctors (surgeries and hospital)
- Elderly care/homecare centres
- Emergency relief organisations
- Health ministry officials
- Hospital managers and employees
- Hospital technicians
- In-home nursing care
- Nursing officers
- Organisations for the disabled
- Physiotherapists/occupational therapists
- Rehabilitation organisations, nursing homes
- Visitors from industry and commerce

Main product categories

Accident and emergency equipment

Building technology and services

Catering and kitchen equipment

Communication, IT and connected health

Dental equipment and supplies

Diagnostics

Disinfection and disposal systems

Electromedical equipment/medical technology

Fabrics/laundry

Laboratory equipment

Medical furniture and equipment

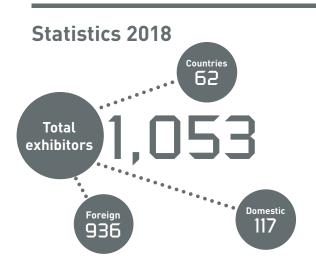
Medical consumables

Ophthalmic supplies

Pharmaceutical supplies

Rehabilitation equipment/ orthopaedic supplies

Services and publications



14.067 Total visitors

Economic data for Singapore



Future prospects for "Medical Technology"

The highly developed and largely saturated market for medical technology in Singapore should continue to expand in the medium term, with rates in the double digits in some cases. It is primarily public hospital projects that are ensuring sustained growth. The RMI Research Group expects annual growth of 11 per cent by 2020 and a market volume of around USD 858 million. The bulk of medical technology is imported, so that there are still excellent opportunities for international manufacturers.

 $Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology) \\ Further information: www.smfederation.org.sg$

Market data for "Medical Technology"

Market volume in US\$ millions (2015)

0,509

Import in US\$ millions (2015)

3,500

Outli	ne data		
	Number of inhabitants (million)	5.5	2015
	Population increase (% p.a.)	1.2	2015
	Average life expectancy at birth (years)	83	2015
600	Proportion of health expenditure to GDP (%)	4.9	2014
î	Doctors/100,000 inhabitants	225	2015
S	Hospital beds/100,000 inhabitants	244	2015

Key economic data 2017 to 2019*

Real change in % in comparison with previous year | *2018 and 2019: Forecast | Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology)

GDP			
12			
9			
6			
3	3.6	3.1	2.7
0	2017	2018	2019
-3			

oross capital investment	
12	
9	
6	
<u>3</u> 2.5 <u>2</u>	.8
.0 2017 2018 20	019
-3 -1.8	





MEDICAL FAIR CHINA – Collocated with China Medical Innovation Forum
SUZHOU INTERNATIONAL EXPO CENTRE

SUZHOU, CHINA 5-7 SEPTEMBER 2019

www.medicalfair.cn

Member of MEDICAlliance

General information



Established 2016



Organiser

Messe Düsseldorf (Shanghai) Co., Ltd.

China Service Alliance of Medical Devices Innovation (CSAMDI



Venue

Suzhou International Expo Centre, Suzhou, China



Project management
Rebecca Qiang



Contact

Rebecca Qiang rebecca.qiang@mds.cn Phone: +86 10 65907 101



Staging cycle

Visitor profile

- Hospitals and medical institutions
- Medical device dealers, agents and retail traders
- Universities and research institutions
- Medical device R&D institutions and manufacturers
- Purchasers and suppliers of medical equipment raw materials, components, accessories and software products
- Investment companies
- Government agencies and associations

Some highlights

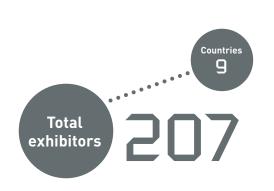
Display the world's latest medical equipment and innovative technology.

Leading platform for medical innovation, so hospital, dealers, colleagues and industrial parks exhibit at same time.

Supported by government, MFC helps you to open the local market easily.

Concurrent event: Global Device Week brings global medical experts to lead the innovation.

Statistics 2018



Professional visitors 5,478

4,017

Total net exhibition area (m²)

Economic data for People's Republic of China



Market data for "Medical Technology"

Market volume in US\$ millions (2015)

37,000

Import in US\$ millions (2015)

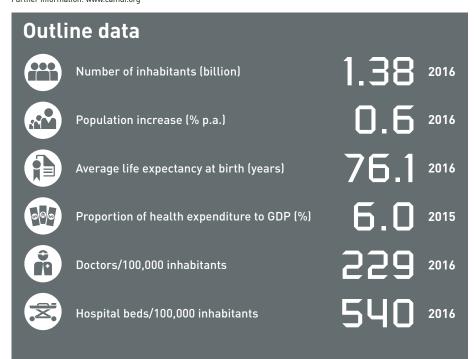
GDP

13,760

Future prospects for "Medical Technology"

The market for medical technology in China continues to grow; it is above all the modernisation of the healthcare system that is increasingly creating demand. If growth continues, the medical technology market should even move to second place worldwide, behind the USA, in the next few years. At the same time, the government is focusing on promoting a strong domestic medical-technology sector, as the import ratio in some segments is still between 80 and 90 per cent. Medical technology is in demand in its entire range from high-end X-ray or MRI devices to surgical instruments. Hospitals remain the main customers for medical-technology products, with the proportion of private institutions expected to increase to 30 per cent by 2020.

Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology) Further information: www.camdi.org

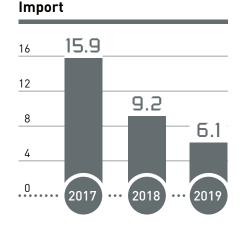


Key economic data 2017 to 2019*

Real change in % in comparison with previous year | *2018 and 2019: Forecast | Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology)

16			
12			
8	-6.9 —	- 6.7 -	-6.4
4			
0	2017	2018	2019

01033	capitati	iivestilieli	
16			
12			
8	_ 7.2 _	-6.5-	-6.6
4			
0	2017	2018 .	2019





International Exhibition and Conference

BOMBAY CONVENTION & EXHIBITION CENTRE, MUMBAI

-7 MARCH 2020

www.medicalfair-india.com



General information



Established 1990



Organiser

Messe Düsseldorf GmbH Messe Düsseldorf India Pvt. Ltd.



Venue

Bombay Convention & Exhibition Centre Mumbai, India



Project management Paolo Bonvecchio Siddhartha Mishra



Contact

Paolo Bonvecchio BonvecchioP@messe-duesseldorf.de Phone: +49 211 4560 483 Siddhartha Mishra MishraS@md-india.com



Staging cycle Biennial

Phone: +91 11 48 55 00 61

Visitor target groups

- CEOs/GMs of hospitals/medical centres
- Medical directors
- Medical superintendents
- Hospital administrators
- GMs/HODs of purchase
- Technical and operations departments
- Security and emergency services
- Health and safety departments
- Officials from central public and health departments
- Biomedical engineers
- Construction and real estate
- Project management consultants
- Architects and planners
- Designers
- Directors of HR and nursing departments
- Deans of medical colleges/universities
- Heads of maintenance departments

Main product categories

Medical technology

Medical equipments

Medical consumables/ medical disposables

Hospital furniture

Surgical instruments

Laboratory and analytical equipment and products

Life sciences, biotechnology and diagnostics

Pharmacy and dispensary equipment and furniture

HVAC

Hospital & clinical equipments

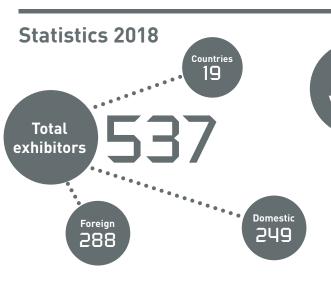
Rehabilitation

Components

Services

Wireless health/mobile health

Hospital infrastructure



12,351 Total visitors

> Total net 6.921 exhibition



International Exhibition and Conference

PRAGATI MAIDAN, NEW DELHI, INDIA

19-21 FEBRUARY 2021

www.medicalfair-india.com



Member of ((X)) MEDICAlliance

General information



Established 1990



Organiser

Messe Düsseldorf GmbH Messe Düsseldorf India Pvt. Ltd.



Venue

Pragati Maidan New Delhi, India



Project management Paolo Bonvecchio Siddhartha Mishra



Contact

Paolo Bonvecchio BonvecchioP@messe-duesseldorf.de Phone: +49 211 4560 483

Siddhartha Mishra MishraS@md-india.com Phone: +91 11 48 55 00 61



Staging cycle Biennial

Visitor target groups

- CEOs/GMs of hospitals/medical centres
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- Designers
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HVAC

Hospital & clinical equipments

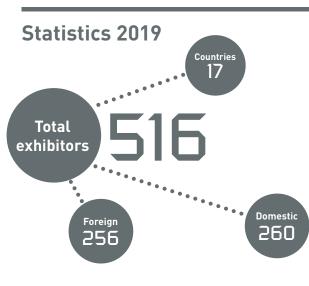
Rehabilitation

Components

Services

Wireless health/mobile health

Hospital infrastructure



14.875 Total visitors

Total net exhibition

ED CALLEGISTA

Economic data for India



Market data for "Medical Technology"

Market volume in US\$ millions (2015)

2,925

Import in US\$ millions (2015)

2,493

Future prospects for "Medical Technology"

India continues to be one of the most promising markets for medical technology worldwide. Strong economic growth as well as low inflation and interest rates will further accelerate the development of the sector. According to the market research company Business Monitor, the market volume for medical-technology products is expected to grow to around USD 5 billion by 2020. The industry is also benefiting from increasing medical tourism as well as the increasing importance of telemedicine and M-Health. The Indian medical-technology market's high dependence on imports continues to offer the best opportunities for international manufacturers.

Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology) Further information: www.aimedindia.com

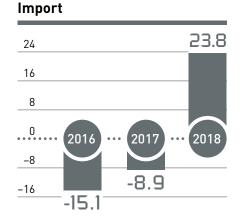
Outli	ne data		
	Number of inhabitants (million)	1.200	2014
	Population increase (% p.a.)	1.3	2014
	Average life expectancy at birth (years)	66	2011
600	Proportion of health expenditure to GDP (%)	4.1	2015
	Doctors/100,000 inhabitants	70	2015
	Hospital beds/100,000 inhabitants	90	2015

Key economic data 2016 to 2018*

Real change in % in comparison with previous year | Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology)

GDP			
24			
16			
8	8.2	_ 7.1 _	— 6.7
0	2016	2017	2018
-8			
-16			

_
7.6
2018
7





International Exhibition on Hospital, Diagnostic, Pharmaceutical, Medical & Rehabilitation Equipment & Supplies

BITEC, BANGKOK, THAILAND 11-13 SEPTEMBER 2019

www.medicalfair-thailand.com



General information



Established 2003



Organiser

Messe Düsseldorf Asia Pte. Ltd.



Bangkok International Trade and Exhibition Centre Bangkok, Thailand



Staging cycle **Biennial**



Project management Daphne Yeo



Contact

Daphne Yeo medicalfair-thailand@mda.com.sg

Phone: +65 6332 9620 Christian Bigge

BiggeC@messe-duesseldorf.de Phone: +49 211 4560 573

Visitor target groups

- Health ministry officials
- Hospital managers and employees
- Doctors (surgeries and hospital)
- Nursing officers
- Hospital technicians
- Biologists, biochemists, technicians
- Dispensing chemists, pharmacists
- Physiotherapists
- Rehabilitation organisations, nursing homes
- Organisations for the disabled
- Care services and self-help groups
- Visitors from industry and commerce

Main product categories

Accident and emergency equipment

Building technology and services

Catering and kitchen equipment

Communication, IT and connected health

Dental equipment and supplies

Diagnostics

Disinfection and disposal systems

Electromedical equipment/ medical technology

Fabrics/laundry

Laboratory equipment

Medical furniture and equipment

Medical consumables

Ophthalmic supplies

Pharmaceutical supplies

Rehabilitation equipment/ orthopaedic supplies

Services and publication

Statistics 2017



Total visitors 9.026



Total net exhibition

Economic data for Thailand



Market data for

"Medical Technology"

Market volume in US\$ millions (2017)

1.3/5

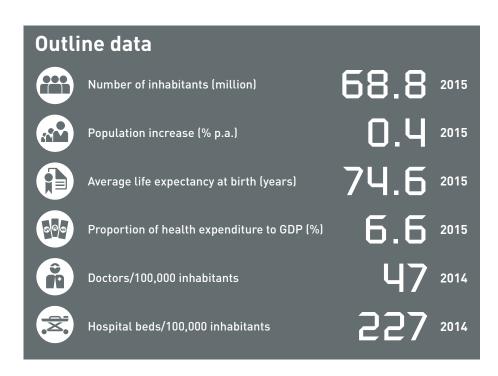
Import in US\$ millions (2017)

Future prospects for "Medical Technology"

The sales market for medical technology in Thailand grew by around 9 per cent to just about USD 1.4 billion in 2017. Long-term forecasts are also predominantly positive, with annual growth rates of up to 10 per cent. The government supports the development with a strategic ten-year plan until 2025, which is intended to further strengthen Thailand's importance as a hub for health and wellness in the ASEAN region. Even though the public sector accounts for the greater part of demand (around 55 per cent), in particular private clinics invest in modern technologies.

Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology)

Further information: www.thaimed.co.th



Key economic data 2015 to 2019*

Real change in % in comparison with previous year | *2018 and 2019: Forecast | Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology)

GDP			
15			
10			
5	_3.9 _	_3.9_	_3.8
0	2017	2018	2019
-5			
-10			
-15			

0.00	o capitat ii		
15			
10			
5	_3.2_	_3.2_	_3.9
0	2016	2017	2018
-5			
-10			
-15			

Шро	ı t	
15		14.7
10		
5		
0	2015 2016	2017
-5		
-10	-4.2	<u></u>
<u>-15</u>	10.8	

MEDICAL MANUFACTURING



Manufacturing Processes for Medical Technology Exhibition and Conference

MARINA BAY SANDS, SINGAPORE 9-11 SEPTEMBER 2020

www.medmanufacturing-asia.com



Member of ((X)) MEDICAlliance

General information



Established



Organiser

Messe Düsseldorf Asia Pte. Ltd.



The Sands Expo & Convention



Project management Daphne Yeo



Contact

Phone: +49 211 4560 573



Staging cycle



Co-located exhibition

Visitor target groups

- Design engineers
- Engineers and technicians for R&D and production departments
- Heads of research and development departments
- Medical technology exhibitors from MEDICAL FAIR ASÍA
- Packaging specialists
- Process engineers
- Production managers
- Qualification and validation specialists
- Quality assurance/quality control managers
- Technical procurement managers
- Visitors from industry and commerce

Main product categories

Adhesives

Assembly

Assembly, automation and production technology Biocompatible materials

Clean room technology/equipment

Coating & functional surfaces

Components

Contract manufacture, design,

construction, research and redevelopment

Drug delivery

Engineering

Lab-on-a-chip

Microactuators

Microfluidics

Microsensors

Microstructuring

Moulding equipment

Nanomaterials

New materials

Packaging

Plastics and elastomers, resins/

raw materials

Precision processing

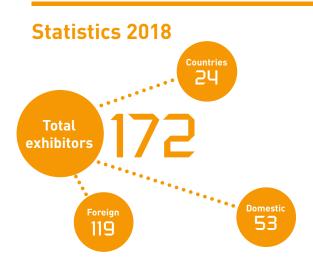
Process technology Quality management

Smart materials

Sterilisation services

System partnerships

Testing equipment/services



6.062 Total visitors



exhibition

Economic data for Singapore



Future prospects for "Medical Technology"

The highly developed and largely saturated market for medical technology in Singapore should continue to expand in the medium term, with rates in the double digits in some cases. It is primarily public hospital projects that are ensuring sustained growth. The RMI Research Group expects annual growth of 11 per cent by 2020 and a market volume of around USD 858 million. The bulk of medical technology is imported, so that there are still excellent opportunities for international manufacturers.

Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology) Further information: www.smfederation.org.sg

Market data for "Medical Technology"

Market volume in US\$ millions (2015)

0,509

Import in US\$ millions (2015)

3,500

GDP

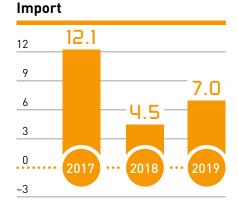
Outli	ne data	
	Number of inhabitants (million)	5.5 2015
	Population increase (% p.a.)	1.2 2015
	Average life expectancy at birth (years)	83 2015
606	Proportion of health expenditure to GDP (%)	4.9 2014
î	Doctors/100,000 inhabitants	225 2015
\S	Hospital beds/100,000 inhabitants	244 2015

Key economic data 2017 to 2019*

Real change in % in comparison with previous year | *2018 and 2019: Forecast | Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology)

ODI			
12			
9			
6			
3	3.6	3.1	2.7
0	2017	2018	2019
-3			

	-		
12			
9			
6			
3		_2.5-	2.8
0	2017	2018	2019
_3	-1.8		





International Health Fair

CORFERIAS - Bogotá International Business and Exhibitions Center

BOGOTÁ, COLOMBIA 14-17 JULY 2020

www.feriameditech.com

Member of ((XX) MEDICAlliance

General information



Established



Organiser

The International Business and Exhibition Center of Bogotá -**CORFERIAS** and Messe Düsseldorf North America



Venue

CORFERIAS -Bogotá International Business and **Exhibitions Center**



Project management Ana Linda Garibello Diego Laverde Gutierrez



Contact

Ryan Klemm rklemm@mdna.com Phone: +1 312 621-5832 Vanessa Klein KleinV@messe-duesseldorf.de

Phone: +49 211 4560 489



Staging cycle

Visitor target groups

- General managers, directors, CFOs, administrative managers, hospital and clinic purchasing managers and industry organisations
- Health professionals: doctors, specialists, physicians, nurses, physiotherapists and orthodontists
- Guild officials, universities, associations, government and nongovernmental organisations
- Specialised media
- International buyers: Latin America

Main product categories

Medical equipment, surgical, orthopedic, rehabilitation and physiotherapy

Clinical laboratories, supplies and endowment

Architecture, hospital construction and furniture

Software, IT and services related to the industry

Waste management and clean technologies

Academy, hospital management consulting and specialized publications

Medical institutions

Governmental entities, guilds that support the sector and scientific societies

Pharmaceutical laboratories

Statistics 2018



Professional visitors

10,196

Total net

ED CALLACE

Economic data for Colombia



Market data for "Medical Technology"

Market volume in US\$ millions (2016)

1,197

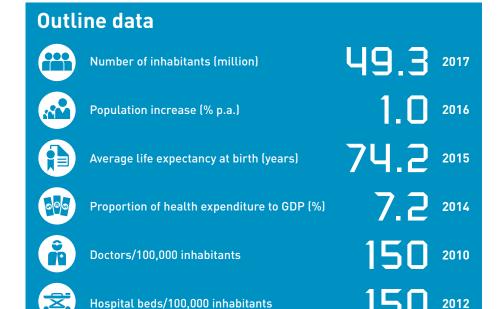
Import in US\$ millions (2016)

1,106

Future prospects for "Medical Technology"

With a market volume of USD 1.2 billion (2016), Colombia's medical-technology market is the fourth-largest in Latin America. Demand for medical technology is currently sluggish due to the weaker economic situation, however, according to forecasts, it is expected to increase significantly to USD 1.7 billion by 2020. There is a great need for modernisation, especially in public hospitals and in the expansion of the medical infrastructure in rural areas. The growing population, due in part to immigration from Venezuela, will also drive sales. Due to low domestic production, Colombia is dependent on foreign supplies, which, however, suffer greatly due to the loss in value of the peso. 87 per cent of the demand is imported from abroad, above all high-tech equipment.

Source: Germany Trade & Invest, www.gtai.com Further information: www.minsalud.gov.co

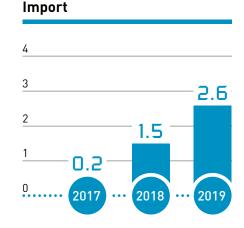


Key economic data 2017 to 2019*

Real change in % in comparison with previous year | *2018 and 2019: Forecast; Source: Germany Trade & Invest, www.gtai.com

GDP	
4	
3	2.4
21.8	
1	
02017	2018 2019







International Event of Solutions, Products, Services, Technology, Innovation and Equipment for the Healthcare Sector

SÃO PAULO | BRAZIL 19-22 MAY 2020

www.hospitalar.com



General information



Established 1994



Organiser UBM Brazil



VenueExpo Center Norte
São Paulo, Brazil



Staging cycle
Annual



Project management Marcelo Gaspar



Contact

Marcelo Gaspar international@hospitalar.com.br Phone: +55 11 4878 5989 Udo Wiemann WiemannU@messe-duesseldorf.de

Phone: +49 211 4560 7756

Visitor target groups

- Hospitals, healthcare establishments, medical clinics and laboratories
- Distributors, representatives, importers, exporters
- Nursing
- Medical doctors
- Manufacturers
- Medical product stores and pharmacies
- Hospital engineering and architecture

Main product categories

Hospital equipment

Medical technology

Laboratory equipment

Emergencies and transportation

Orthopaedics and physiotherapy

Medications and hospital pharmacies

Informatics and communications

Projects, installations and constructions

Hospitality and furniture

Uniforms, linens and towels

Laundry

Meals and catering

Surgical centres

Medical consumables

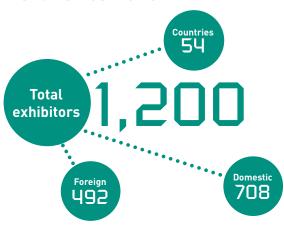
Infirmaries and monitoring

Traumatology and post-operative recuperation

Home healthcare

Specialised medical literature

Statistics 2018



Total visitors 85,581



ED CALL Www.medicalliance.global

Economic data for Brazil



Future prospects for "Medical Technology"

Brazil's market for medical technology is likely to have passed its low point. Although public spending on the health sector is still stagnating due to the economic situation, the private sector is gradually increasing its investments again. According to the Brazilian industry association Abimed, demand for medical technology and imports are expected to increase slightly again this year, as the market for private clinics and hospitals in particular is consolidating. The market for medical technology in Brazil reached a volume of USD 5.7 billion in 2017 (2016: USD 5.4 billion).

Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology) Further information: www.abimo.org.br

Market data for "Medical Technology"

Market volume in US\$ millions (2017)

5,705

Import in US\$ millions (2017)

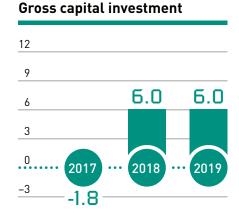
2,221

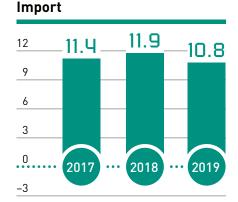
Outli	ne data	
	Number of inhabitants (million)	207.7 2017
	Population increase (% p.a.)	0.7 2017
	Average life expectancy at birth (years)	75.8 2016
600	Proportion of health expenditure to GDP (%)	9.1 2015
Î	Doctors/100,000 inhabitants	232 2017
***	Hospital beds/100,000 inhabitants	237 2017

Key economic data 2017 to 2019*

Real change in % in comparison with previous year | *2018 and 2019: Forecast | Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology)

GDP				
12				
9				
6				
3	_ 1.0		2.2_	3.0
0	2017	••••	2018	2019
-3				







International Exhibition for Healthcare, Medical Engineering and Pharmaceuticals

MOSCOW, RUSSIA 2-6 DECEMBER 2019

www.zdravo-expo.ru/en

Member of MEDICAlliance

General information



Established



Organiser Expocentre



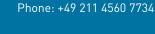
VenueExpocentre



Project management
Dietmar Terviel



Contact
Dietmar Terviel
TervielD@messe-duesseldorf.de



Staging cycle Annual

Visitor target groups

- General practitioners
- Health ministry officials
- Hospital doctors/nursing staff
- Hospital managers
- Medical trade
- Medical industry
- Pharmacists
- Physiotherapists
- Public institutions

Main product categories

Medical instrumentation, equipment and diagnostics

Primary healthcare

Laboratory medicine (test systems, laboratory equipment, laboratory diagnostics, laboratory furniture)

Medical consumables, suture materials, medical clothing, products for patient care and hygiene products

Design and facilities for hospitals, physicians' rooms, health and spa centres, sanitation, disinfection and sterilisation equipment, sterile products' storage

Medical furniture

High medical technologies for cardiology, transplantology, neurosurgery, reproductive medicine, nanotechnologies Advanced information technologies in medicine

Maternal and child health, modern medical technologies

Dentistry

Insurance medicine, individual healthcare programmes, patient care medical services

Medical research institutes, medical schools and departments, postgraduate medical education, medical literature, medical e-magazines

Medical treatment abroad

Exhibition "Healthy Lifestyle": rehabilitation and sports medicine, spa technology, -equipment, -supplies, fitness centres, health nutrition products, balneology



Economic data for Russia

ZDRAVOOKHRANENIYE INTEGRATION



Market data for "Medical Technology"

Market volume in US\$ millions (2016)

크. [근근

Import in US\$ millions (2016)

Future prospects for "Medical Technology"

After the weak past few years, demand for medical technology in Russia is picking up again. The industry is benefiting from increasing investments in the health sector. More than EUR 40 billion will be invested in new clinics and other medical equipment this year. Analysts of the management consultancy KPMG even expect public spending of around EUR 48 billion this year (+10 per cent compared to 2017), which corresponds to a share of around 3.6 per cent of the GDP. The government wants to tighten import substitution in medical technology, which should make market access more difficult for international companies. The private health sector and telemedicine offer new and promising business opportunities.

Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology) Further information: www.medprom.ru

Outline data



Number of inhabitants (million)

Population increase (% p.a.)

146.9

2016

2016

2016

2016

2016

2016



Average life expectancy at birth (years)



Proportion of health expenditure to GDP (%)



Doctors/100.000 inhabitants



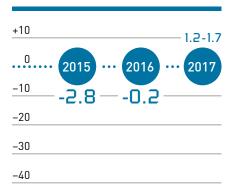
Hospital beds/100,000 inhabitants

Source: Statistisches Bundesamt

Key economic data 2015 to 2017*

Real change in % in comparison with previous year | *2016 and 2017: Forecast | Source: GTAI, Branchen kompakt: Medizintechnik (Medical Technology)

GDP



Gross capital investment



Export (only goods)





WHERE HEALTHCARE IS GOING

MEDICA DÜSSELDORF 18 - 21 November 2019

COMPAMED DÜSSELDORF 18 – 21 November 2019

REHACARE DÜSSELDORF 18 – 21 September 2019

FAMDENT SHOW MUMBAI 7 - 9 June 2019

INTEGRATION MOSCOW 25 - 27 June 2019

MEDICAL FAIR ASIA SINGAPORE 9 - 11 September 2020

MEDICAL FAIR CHINA SUZHOU 5-7 September 2019

MEDICAL FAIR INDIA MUMBAI 5-7 March 2020

MEDICAL FAIR INDIA NEW DELHI February 2021

MEDICAL FAIR THAILAND BANGKOK 11 - 13 September 2019

MEDICAL MANUFACTURING ASIA SINGAPORE 9-11 September 2020

MEDITECH BOGOTÁ 14-17 July 2020

Strategic Co-operations:

HOSPITALAR SÃO PAULO 19 - 22 May 2020

ZDRAVOOKHRANENIYE MOSCOW 2-6 December 2019

www.medicalliance.global

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