



MEDICAL DEVICES



SECTOR OVERVIEW

Current Market Size:

USD 11 Bn

Market size is expected to reach

USD 50 Bn

by 2025

4th largest

medical devices market in Asia

Amongst the **top 20**

medical devices markets in the world

The sector has attracted

USD 1.8 Bn

in foreign investments since April 2000



GROWTH DRIVERS

Increased demand for affordable and quality medical care in India has led to an increase in the demand for high quality medical devices.

1 Life Expectancy:

From the current 67.5 years, life expectancy in India is expected to increase to 70 years by 2025

2 Shifting Disease Burden:

Non-Communicable Diseases (NCDs) account for 50% of the disease burden and 60% of all deaths in India

3 Rise in Medical Tourism:

Due to the relatively low cost of medical care in India, the medical tourism industry is experiencing a 22-25% growth

4 Growing Middle Class:

A rapidly growing middle class has contributed to the growth of private players in healthcare

5 Health Insurance:

Approximately 20% Indians have health insurance cover. This number is expected to increase with rising incomes and growing urbanisation

KEY SUB-SECTORS

There are 7 distinct sub-sectors under medical devices:

1. Diagnostics
Imaging is the largest sub-sector by market share

30%

2. Consumables

16%

3. IV Diagnostics

10%

4. Patient Aids

9%

5. Orthopedics and Prosthetics

8%

6. Dental Products

3%

7. Other medical devices

24%



POLICY INITIATIVES

Since 2015, **100% FDI** is permitted in the sector without Government approval for either greenfield or brownfield investments

In 2017, the Ministry of Health & Family Welfare introduced the Medical Devices Rules:

- In line with global best practices, adoption of risk-based classification system for medical devices based on the Global Harmonisation Task Force (GHTF)
- Increased number of regulated medical devices in India to ensure quality
- Introduction of post-market surveillance for imported and manufactured devices
- Manufacturing licenses made perpetual to promote ease of doing business in the sector

In 2017, the Ministry of Health & Family Welfare introduced the National Health Policy:

- Increased public health spending through **Ayushman Bharat**—the National Health Protection scheme
- Aims to provide universal health coverage, under which medical devices are also included

Sugam Portal:

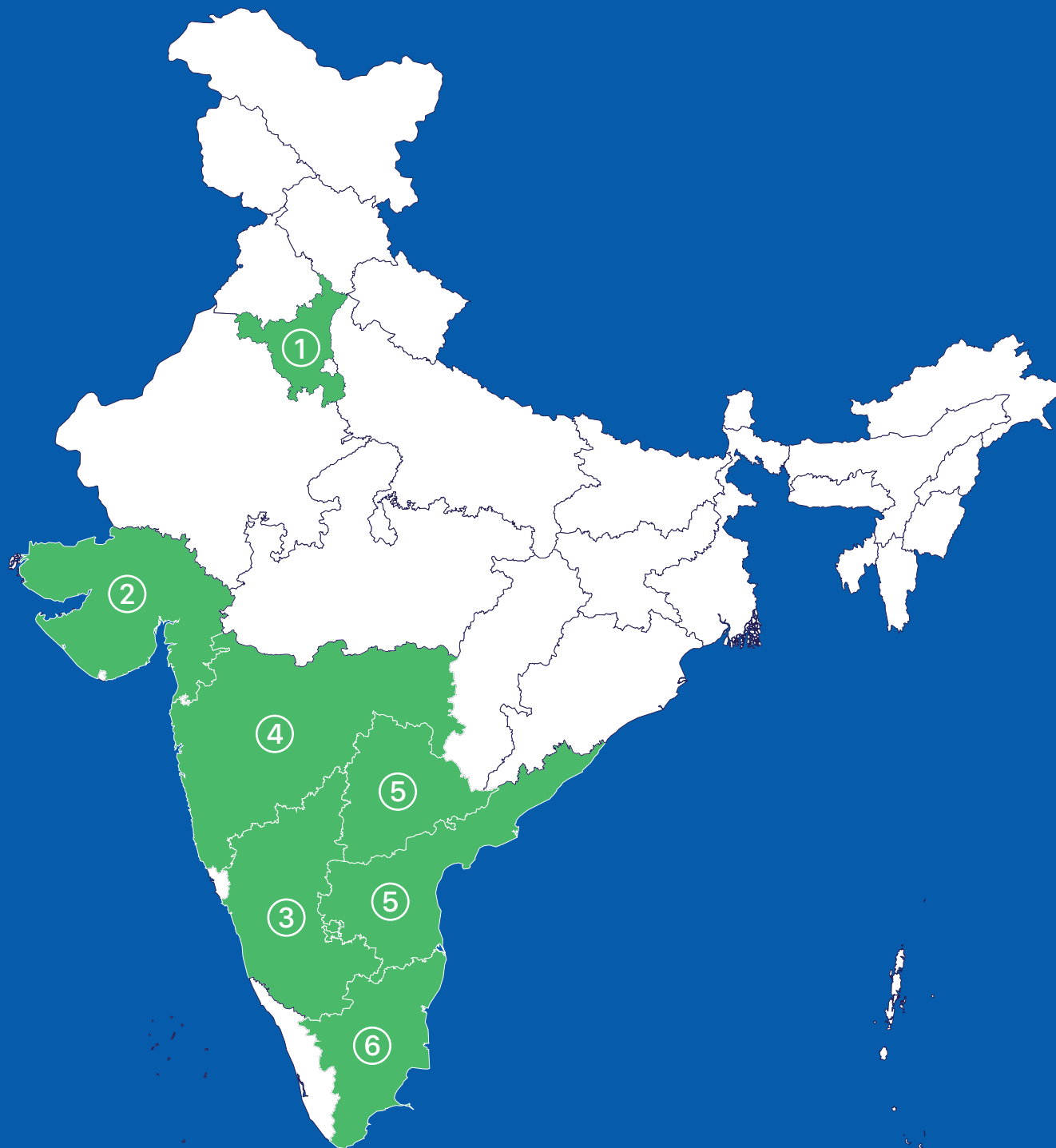
In line with GoI's vision to promote Digital India and enhance the ease of doing business, CDSCO has launched an online portal to improve quality, safety, and efficacy of drugs and medical devices marketed in India

Cluster Development:

Several medical devices industrial clusters have been developed across India

- These industrial parks, also known as Medical Technology Zones, will have strong capabilities for contract manufacturing of medical devices making it possible for companies to develop new products quickly and cost efficiently in India
- Development of domestic manufacturing capabilities in Class A and Class B medical devices (low-technology, low-risk devices)
- Development of a robust ecosystem for Class C and Class D medical devices (high-tech, high-risk devices) manufacturing in India. Currently, 90% of such devices are imported into India

CLUSTER DEVELOPMENT OPPORTUNITIES



① Haryana

Medical Consumables:
Chandigarh, Ballabgarh,
Faridabad, Manesar



② Gujarat

Pharmaceuticals:
Ahmedabad,
Vapi Industrial Corridor



③ Karnataka

Orthopedics and Prosthetics
Medical Electronics:
Bangalore, Mangalore



④ Maharashtra

Pharmaceuticals:
Mumbai, Pune,
Nagpur



⑤ Telangana & Andhra Pradesh

Medical Electronics:
AMTZ MedTech Park (Visakhapatnam),
Sultanpur Park (Telangana)



⑥ Tamil Nadu

Medical Electronics:
HLL MedTech Park,
Chennai



KEY STAKEHOLDERS

Ministry of Health & Family Welfare

- Central Drugs Standard Control Organization (CDSCO)

Ministry of Chemicals & Fertilizers

- Department of Pharmaceuticals

Niti Aayog

Ministry of Commerce & Industry

- Department for Promotion of Internal Industry and Trade

Industry Associations

- Medical Technology Association of India (MTAI)
- AIMED
- CII
- FICCI

KEY PLAYERS IN INDIA



Hindustan Syringes & Medical Devices Ltd.

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Polymed Medical Devices



GE Healthcare



3M Science. Applied to Life.



Medtronic



Johnson and Johnson



Becton Dickinson



Philips Healthcare



Stryker Corporation



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<https://www.investindia.gov.in/sector/medical-devices>

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