

PLASTICS IN MEDICAL AND HEALTHCARE

MEDICAL DEVICES | PHARMACEUTICALS | DIAGNOSTICS | MEDICAL PACKAGING

ENHANCING LIVES



February 7-12, 2018, Gandhinagar, Gujarat. Hall 3, Booth H3F8D

THEME PAVILION

HIGHLIGHTS OF THE PAVILION

- Current Status of the Industry
- New Developments
- Materials & Technologies
- Audio Visuals
- Business Opportunities
- Design Innovations
- Samples & Publications
- Interaction with Experts & Demonstrations



Wide Range of Applications

EVENT REPORT



Visitors at the knowledge platform complete with Posters, Audio-Visuals, Models and more than 300 Product Sample



Medical
are products used in the
infections during medical
treatment.

Advantages
Hygiene: Bacteria, Fungus, virus resistant
Protection: Can be made blood repellent/stain
resistant, various coatings can be given to make
bacterial resistant
Light weight: less than half the weight of
cotton
Can be sterilized with steam, Ethylene
Oxide, Plasma etc.
Disposable: Free from hassles of cleaning
Convenient: easy to wear
Comfort: soft feel

Application Based Classification:

Major Category	Products
Non-implantable material or medical dressing & auxiliary	Wound dressings, Bandages, Plasters, Gauze, X-ray detectable gauze, Gels, Scaffolds, Surgical cottons, Absorbent sponges, Compressor stockings
Implantable materials	Surgical Sutures, Vascular grafts, Cardiovascular patches, Artificial tendons, Artificial Skin, Artificial bones, Sewing clips for heart valves, Heart mesh
Personal Health Care Hygiene products	Surgical gowns, Caps, Masks, Drapes, Clothes, Shoe covers, Blankets, Flow covers, Incubator sheets, Cystostomy umbilical, Sampling umbilical

Critical Applications

Artificial Bones
Used in orthopedic surgery to replace broken or missing bones. They are made of plastic or metal and are designed to be strong and durable.

Artificial Skin
Used to cover wounds and burns. It is made of plastic and is designed to be breathable and flexible.

Artificial Blood
Used in medical research and clinical trials. It is made of plastic and is designed to be safe and effective.

Artificial Heart
Used in medical research and clinical trials. It is made of plastic and is designed to be safe and effective.

Artificial Kidney
Used in medical research and clinical trials. It is made of plastic and is designed to be safe and effective.

Artificial Lung
Used in medical research and clinical trials. It is made of plastic and is designed to be safe and effective.

Artificial Pancreas
Used in medical research and clinical trials. It is made of plastic and is designed to be safe and effective.

Artificial Stomach
Used in medical research and clinical trials. It is made of plastic and is designed to be safe and effective.

Artificial Testis
Used in medical research and clinical trials. It is made of plastic and is designed to be safe and effective.

Artificial Uterus
Used in medical research and clinical trials. It is made of plastic and is designed to be safe and effective.

Artificial Vagina
Used in medical research and clinical trials. It is made of plastic and is designed to be safe and effective.

Artificial Ventricle
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Artificial Vessel
Used in medical research and clinical trials. It is made of plastic and is designed to be safe and effective.

Artificial X-ray
Used in medical research and clinical trials. It is made of plastic and is designed to be safe and effective.

Pharmaceutical Drug Delivery
Plastics play a significant role in drug delivery systems. They are used to create capsules, tablets, and injectable containers. Plastics are also used to create drug delivery devices, such as inhalers and transdermal patches.

Polymers & Plastics
Polymers and plastics are used in a wide range of medical applications. They are used to create medical devices, such as catheters, syringes, and IV bags. They are also used to create medical packaging, such as syringe boxes and IV bags.

Medical Tubing Market to See Significant Growth
Medical tubing is a critical component of many medical devices. It is used to transport fluids, gases, and medications. The medical tubing market is expected to see significant growth in the coming years, driven by the increasing demand for medical devices and the need for high-quality tubing.

Market leading trends in tubing
• Customization
• Performance
• Patient interaction
• Innovation and new applications
• Support

- ### SITES
- Base Replacement Material
 - Artificial Skin
 - Artificial Blood
 - Artificial Heart
 - Artificial Kidney
 - Artificial Lung
 - Artificial Pancreas
 - Artificial Stomach
 - Artificial Testis
 - Artificial Uterus
 - Artificial Vagina
 - Artificial Ventricle
 - Artificial Vessel
 - Artificial X-ray

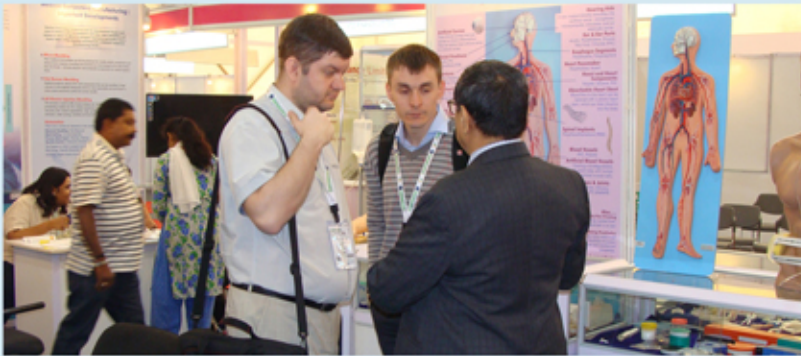
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Discussions included possibilities for expansion, diversification and new projects



Configuration of Four Companies Offering Materials, Machinery, Products and Services.....

- Medical Device Asia / PRR
- Medevice Manufacturing India Pvt. Ltd.
- Sheetal Enterprises
- Medical



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PLASTINDIA FOUNDATION

ISO 9001-2008 certified



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