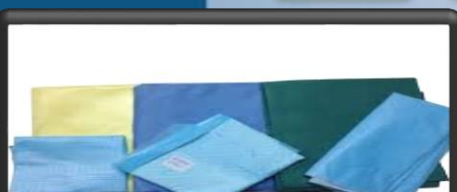


# Production of Surgical Drapes

Investment Opportunity  
in Hospital and Medical  
Products Business

Start Your Own Business  
in Healthcare Sector



# Introduction

The surgical drapes are provided in various shapes sizes as per the treatment. The demand regarding surgical drapes is expanding because of rising number of medical procedures around the world, expanding center around growing awareness regarding cleanliness and infection control. Surgical drapes are employed to provide a physical barrier that protects the surgical field from contamination. An ether screen is the wall of drapes set up in order to provide a barrier between the anesthesia work area, at the head of the patient, and the surgical field.



Surgical drapes are used in the OR to protect the patient, clinicians, and equipment. Drapes can be made of cloth or paper, and reusable or disposable. Surgical Drapes is sterile fabric or fabric-like material used to isolate the surgical site from the rest of the body and other possible sources of contamination. Surgical covers and drapes help protect patient safety while safeguarding health care professionals by helping to reduce the risk of infectious disease transmission.



Surgical drapes are sterile fabrics or fabric-like material, which is used to isolate the surgical site from the rest of the body. Surgical drapes are also used to isolate the body from other sources of contamination. Increase in the number of surgical procedures and awareness regarding the spread of various infections drive the market.

The gowns are designed in various models and the only thing is the cloth can be removed without disrupting intravenous lines in the patient's arms. Drapes prevent contact with unprepared surfaces and maintain sterility of environmental surfaces. Disposable gowns also came into existence with the help of advanced technologies. Surgical drapes are used during surgery to prevent contact with unprepared. Surfaces and to maintain the sterility of environmental surfaces, equipment and the. Patient's surroundings. Similarly, sterile surgical gowns are worn over the scrub suit.

Surgical drapes are used during surgery to prevent contact with unprepared surfaces and to maintain the sterility of environmental surfaces, equipment and the patient's surroundings. Similarly, sterile surgical gowns are worn over the scrub suit of the operating team during surgical procedures to maintain a sterile surgical field and reduce the risk of transmission of pathogens to both patients and staff. There are three types of draping materials: cloth reusable drapes, paper disposable drapes, and [disposable plastic](#) adhesive drapes. The use of disposable drapes allows for the surgeon to cut an opening or fenestration in the drape to any size or shape

**Related Projects:** [Disposable Medical Products](#)



## Uses

Surgical Drapes and Surgical gowns are used by patients and healthcare professional such as, nurses and doctors. Hospitals, clinics and ambulatory surgical centers are the major end user of the surgical drapes and surgical gowns products. Surgical drapes are sterile fabrics or fabric-like material, which is used to isolate the surgical site from the rest of the body. Surgical drapes are also used to isolate the body from other sources of contamination.

- Hospitals
- Clinics
- Healthcare Institutes & Organizations
- Home Care Settings
- Ambulatory Surgical Centers

- Operation theatre during medical procedure
- Mobile surgical center
- Laboratories
- Others



# Market Outlook

Increase in the number of surgical procedures and awareness regarding the spread of various infections drive the market. However, the increase in price of surgical drapes restrict the growth of the surgical drapes market. Moreover, many manufacturers focus on developing cost efficient surgical drapes especially in untapped economies such as India, China, Brazil, and others, which is anticipated to create lucrative opportunities for key market players. Surgical drapes are used in operative room during surgery to cover patient's body to eliminate the risk of surgical site contamination by separating the surgical site from the remaining part of the patient's body, as well as from non-sterile areas of the surgical table. Surgical drapes are offered in different shapes sizes as well as therapy wise. Surgical drapes are the indispensable part of operating room and used for several applications from protecting the patient body to covering utilities.



Demand for surgical drapes is increasing due to rising number of surgeries worldwide, increasing focus on infection control and rising awareness about hygiene. According to the European Centre for Disease Prevention and Control (ECDC), one in 20 patients get affected by hospital acquired infection. Out of 4.1 million patients in the European Union, approximately 37,000 deaths occur due to such infections.

The global surgical drapes market is segmented by types, usability, material, end user and geography. Among the end users, the hospitals is the largest contributors in terms revenue in the global surgical drapes market. Majority of surgeries globally are performed in hospitals, even ambulatory surgery procedures are carried out in hospitals which makes hospitals the largest consumer of surgical drapes. Ambulatory surgical centers is the second biggest segment in the global surgical drapes market. Increasing minimally invasive procedures are fueling the market of surgical drapes in ASCs.

The disposable surgical drapes highly contributes in terms of revenue for the growth of the global surgical drapes market. Inclusive use of disposable drapes in U.S. and increasing awareness of disposable surgical drapes in other regions is driving the market for disposable surgical drapes. Reusable surgical drapes are widely used more of low and middle income countries and therefore possess significant market share in the global market. By material, market is dominated by nonwoven surgical drapes as nonwoven material is generally used in manufacturing of disposable surgical drapes. Nonwoven surgical drapes offers better comfort, breathability and barrier against micro-organisms which makes them more preferred surgical drapes. In terms of geography, North America contributes maximum in the global surgical drapes market in terms of revenue due to well-developed [infrastructure and high healthcare](#) cost. Europe is the second largest region after North America contributing for the growth of global surgical drapes market.

Increasing awareness regarding use of disposable surgical drapes with [technological](#) advances with rising number of surgeries due to geriatric population are the major factor responsible for the growth . Latin America and Asia Pacific are the emerging market during for contributing 29.4% for the growth of global surgical drapes market. Middle East and Africa has a huge potential and is expected to register sustainable growth during. Increasing medical tourism and developing [healthcare infrastructure](#) is an important factor for the growth of the region. On the basis of geography, the market of Surgical Drapes has been segmented into South America (Brazil, Argentina, and Rest of South America), Asia Pacific (China, Japan, India, South Korea, Taiwan, Australia, and Rest of Asia-Pacific), Europe (Germany, France, Italy, United Kingdom, Netherlands, and Rest of Europe), MEA (Middle East, Africa), and North America (United States, Canada, and Mexico). If we see Market by End User the sub-segment i.e. Hospitals will boost the Surgical Drapes market. Additionally, the rising demand from SMEs and various industry verticals gives enough cushion to market growth.

If we see Market by Usability, the sub-segment i.e. Disposable will boost the Surgical Drapes market. Additionally, the rising demand from SMEs and various industry verticals gives enough cushion to market growth. If we see Market by Materials, the sub-segment i.e. Nonwoven will boost the Surgical Drapes market. Additionally, the rising demand from SMEs and various industry verticals gives enough cushion to market growth. The rise in the incidences of chronic diseases across the world is majorly propelling the growth of the surgical drapes and gowns market. Increasing [constructions of hospitals](#) with the growing investments from the government are ascribed to bolster the growth of the market. However, stringent rules and regulations in concern with the environment safety are quietly hampering the growth of the surgical drapes and gowns market. Lack of sufficient knowledge in cleaning process of the surgical gowns for the staff may have negative impact on the growth of the market. The surgical drapes and gowns market is having huge growth opportunities with the rise in the incidences of hospital-acquired infections.

The growing prevalence to maintain a healthy environment for the patients especially in the operation theatres is magnifying the demand of the market. Based on the usage pattern, the surgical drapes and gowns market is segmented into disposable and reusable surgical drapes and gowns. Disposable surgical drapes and gowns segment is having the highest shares of the market from the recent years and to continue the same in the future period. On the basis of the end user, the market is categorized into hospitals and clinics. Hospitals are accounted to lead the highest shares of the market. As per the industries, the medical clinics is the biggest benefactors in wording income in the global [surgical drapes market](#). Mobile surgical center is the second greatest segment in the global surgical drapes market. Expanding insignificantly intrusive techniques are filling the market of surgical drapes in various nations. As indicated by usability, the expendable surgical drapes exceedingly contributes as far as income for the development of the global surgical drapes market.

Comprehensive utilization of disposable drapes in U.S. furthermore, expanding familiarity with these surgical drapes in different region is fueling the market for dispensable surgical drapes. The reusable surgical drapes are generally utilized a greater amount of low and medium salary nations and in this way have huge market share in the global market. Surgical Drapes, one of the segments analyzed and sized in this study, displays the potential to grow at over 5.4%. The shifting dynamics supporting this growth makes it critical for businesses in this space to keep abreast of the changing pulse of the market. Surgical Drapes will bring in healthy gains adding significant momentum to global growth. Representing the developed world, the United States will maintain a 3.6% growth momentum. Within Europe, which continues to remain an important element in the world economy, Germany will add over US\$32.2 Million to the region's size and clout in the next 5 to 6 years. Over US\$109.7 Million worth of projected demand in the region will come from other emerging Eastern European markets.

In Japan, Surgical Drapes will reach a market size of US\$80.1 Million. As the world's second largest economy and the new game changer in global markets, China exhibits the potential to grow at 7.6% over the next couple of years and add approximately US\$268.7 Million in terms of addressable opportunity for the picking by aspiring businesses and their astute leaders. Presented in visually rich graphics are these and many more need-to-know quantitative data important in ensuring quality of strategy decisions, be it entry into new markets or allocation of resources within a portfolio. Several macroeconomic factors and internal market forces will shape growth and development of demand patterns in emerging countries in Asia-Pacific, Latin America and the Middle East.



By type, the [surgical drapes and gowns](#) market is categorized into surgical drapes and surgical gowns. The surgical drapes segment is expected to register the highest. The growing adoption of surgical drapes in order to prevent surgeons and patients from surgical site infections is the key factor driving the growth of this market. The growth of this segment is mainly driven by the increasing adoption of disposable surgical drapes & gowns over reusable surgical drapes & gowns owing to the increasing demand and bulk buying. Moreover, the use of new surgical drapes and gowns ensures its properties such as a strong barrier for microorganisms, resistance to liquids, and resistance to abrasion and tearing as compared to reusable surgical drapes and gowns where this performance may be depleting. By end user, the surgical drapes and gowns market is segmented into hospitals, ambulatory surgical centers, and other end users. The hospitals segment is expected to grow at highest. Factors such as the rising number of patients suffering from chronic diseases, increasing number of surgeries, and improving healthcare infrastructure are driving the growth of this segment.



The global surgical drapes and gowns market was valued at US\$ 2,410.4 million in 2017, and is expected to witness a robust CAGR of 4.9% over the forecast period (2018–2026).



# Increasing Awareness of Surgical Site Infections is Expected to Impel the Global Surgical Drapes Market Growth

Higher prevalence of surgical site infections is leading to higher demand for use of gowns and drapes, which is expected to influence positively on the global surgical drapes and gowns market growth. For instance, according to Center for Disease Control and Prevention (CDC) 2017 data, around 157,500 surgical site infections occur in the U.S. every year and around 8,205 people die due to it. According to the same source, the surgical site infection extends the hospital stays by 11 days and adding around US\$ 3.3 billion cost annually to the hospitals. Furthermore, increase in number of hospital-acquired infections is also expected to drive the global surgical drapes and gowns market growth.

Hospital care includes usage of devices and other invasive procedures for the treatment, which in some cases when not handled properly can cause infections. Prevention and management of it is of utmost important, which includes wearing of a surgical gown, and using drapes that prevents the entry of pathogens and reduces the risk. According to Center for Disease Control and Prevention (CDC) 2015 data in U.S. an estimated 687,000 people who were already admitted into acute care hospitals suffered from hospital acquired infections and around 72,000 died due to it.

**Related Books:** [Medical and Surgical Disposables](#)



## Key Players

- Cardinal Health (US),
- 3M (US),
- Mölnlycke Health Care (Sweden),
- Halyard Health (US),
- Thermo Fisher Scientific Inc. (US),
- Steris plc (US),
- Paul Hartmann AG (Germany).



# Major Queries/Questions Answered in the Report?

1. What is Surgical Drapes Manufacturing industry ?
2. How has the Surgical Drapes Manufacturing industry performed so far and how will it perform in the coming years ?
3. What is the Project Feasibility of Surgical Drapes Manufacturing Plant ?
4. What are the requirements of Working Capital for setting up Surgical Drapes Manufacturing plant ?

**5. What is the structure of the Surgical Drapes Manufacturing Business and who are the key/major players ?**

**6. What is the total project cost for setting up Surgical Drapes Manufacturing Business?**

**7. What are the operating costs for setting up Surgical Drapes Manufacturing plant ?**

**8. What are the machinery and equipment requirements for setting up Surgical Drapes Manufacturing plant ?**

**9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Surgical Drapes Manufacturing plant ?**

**10. What are the requirements of raw material for setting up Surgical Drapes Manufacturing plant ?**

**11. Who are the Suppliers and Manufacturers of Raw materials for setting up Surgical Drapes Manufacturing Business?**

**12. What is the Manufacturing Process of Surgical Drapes?**

- 13. What is the total size of land required for setting up Surgical Drapes Manufacturing plant ?**
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- 16. What are the requirement of utilities and overheads for setting up Surgical Drapes Manufacturing plant?**
- 17. What is the Built up Area Requirement and cost for setting up Surgical Drapes Manufacturing Business?**



**18. What are the Personnel (Manpower) Requirements for setting up Surgical Drapes Manufacturing Business?**

**19. What are Statistics of Import & Export for Surgical Drapes?**

**20. What is the time required to break-even of Surgical Drapes Manufacturing Business?**

**21. What is the Break-Even Analysis of Surgical Drapes Manufacturing plant?**

**22. What are the Project financials of Surgical Drapes Manufacturing Business?**

- 23. What are the Profitability Ratios of Surgical Drapes Manufacturing Project?**
- 24. What is the Sensitivity Analysis-Price/Volume of Surgical Drapes Manufacturing plant?**
- 25. What are the Projected Pay-Back Period and IRR of Surgical Drapes Manufacturing plant?**
- 26. What is the Process Flow Sheet Diagram of Surgical Drapes Manufacturing project?**

- 27. What are the Market Opportunities for setting up Surgical Drapes Manufacturing plant?**
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- Electrification, Electric Load and Water
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- Availability of Raw Materials
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- Built up Area
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➤ **Along with financial details as under:**

➤ **Assumptions for Profitability workings**

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- Production Schedule
- Land & Building
- Factory Land & Building
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- Other Machineries (Miscellaneous, Laboratory etc.)

➤ **Other Fixed Assets**

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- Technical Knowhow
- Provision of Contingencies

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# Reasons for Buying our Report:

- **This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**

- **This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**

# Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**

# **Scope of the Report**

**The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Surgical Drapes.” provides an insight into Surgical Drapes market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Surgical Drapes project. The report assesses the market sizing and growth of the Indian Surgical Drapes Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:**

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

**We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Surgical Drapes sector in India along with its business prospects. Through this report we have identified Surgical Drapes project as a lucrative investment avenue.**

# Tags

#projectreport #DetailedProjectReport #businessconsultant  
#businessfeasibilityreport #BusinessPlan #SurgicalDrapes #medical  
#Hospitals #HospitalsIndustry #medicalequipment #healthcare  
#healthcareindustry #healthcarebusiness #health #healthcaredevelopment  
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#surgical #SurgicalGown #MedicalProduct #SurgicalProduct  
#DisposableProduct #DisposableGown #Medical #HospitalGown #Health  
#BusinessOpportunity #surgicalbusiness #surgicalconsultant  
#disposablescrubs #SurgicalMask #surgicaleyedrapes  
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**Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.**



**And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:**

- **Good Present/Future Demand**
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**The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,**



**Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.**

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# Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*

*We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.*



*We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.*



# What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Business Plan*
- *Technology Books and Directory*
- *Industry Trend*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*

## How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*



# Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

# Contact us

## NIIR PROJECT CONSULTANCY SERVICES

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Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

<https://goo.gl/VstWkd>



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# Thank You

**For more information, visit us at:**

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