

Clinical Trials Supply & Logistics Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2017-2027
Segmented By Service (Logistics & Distribution; Storage & Retention; Packaging, Labeling, & Blinding; Manufacturing; Comparator Sourcing; Others), By Phase (Phase 0, Phase I, Phase II, Phase III), By Therapeutic Area (Oncology, Cardiovascular Diseases, Neurological Disorders, Others), By End User Industry (Pharmaceutical v/s Medical Devices), By Company and By Region

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Report description:

The global clinical trials supply & logistics market is projected to observe impressive growth during the forecast period, 2023-2027. The major factors include growing incidences of various diseases and cancers, an upsurge in demand for personalized medicines, and extensive development in technology, which are fueling the market's growth. A clinical trial is a process in which several experiments, tests, or studies are performed on animals and humans to analyze the results. Clinical trials are split into two types that are observational studies and interventional trials. The other factors supporting the market's growth are the rise in research and development activities, increasing research and development expenditure, a large number of clinical trials and research studies, huge demand for vaccinations, the growing aging population, and growing inorganic growth strategies such as mergers, acquisitions, collaborations, and others by pharmaceutical and biologics industries.

Rising Emphasis on Drug Development

The growing frequency of various types of diseases such as obesity, cardiovascular, diabetes, infectious, and cancer is surging the demand for drug development, which is bolstering the growth of the market globally. For instance, according to WHO, around 422

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million people around the world have diabetes. Owing to the surge in the number of people suffering from different types of diseases, the rise in demand for the development of new therapies, drugs, and medical devices is augmenting the growth of the market. According to the WHO, more than 80 vaccines are presently being analyzed in clinical trials, with over 180 in the pre-clinical stage. Moreover, rising funding for drug development by government and non-government organizations is a contributing factor to the growth of the market. According to the Pharmaceutical Research and Manufacturers of America (PhRMA), PhRMA affiliates have invested considerably in drug development efforts.

Technological Advancements

Technological advancement and innovations in healthcare and medicine are driving the growth of the market. For instance, in South Korea, Asan Medical Center (AMC) has developed a new system capable of handling clinical trial image data from group to extraction. The increasing adoption of new innovative technologies, such as cloud-enabled digital core, machine learning algorithms, radio-frequency identification (RFID), blockchain-based product tracking, and use of the internet of things to improve the quality management of clinical trial supply and logistics operations, are impelling the growth of the market. Heavy investments by several companies in advanced technologies and logistics are propelling the growth of the market. For instance, in 2020, Almac Clinical Technologies, a section of the Almac Group, proposed Simplify, a next-generation IRT solution. It is enabled with a standard array of configurable functionality intended to speed up the study startup process.

Growing Demand for Precision Medicines

The growing prominence of personalized medicines is one of the key factors supporting the growth of the market. For instance, in 2020, according to the scope and significance of the progress report, specialized medicines reported for about 39 percent of the total FDA-approved new drugs in the year. The rising demand for precision drugs is due to their efficiency in treating unique and complex diseases. New drugs and disease therapies are being developed due to the rising need and use by doctors, researchers, and pharmaceutical firms, which facilitates the growth of the market.

Market Segmentation

The global clinical trials supply & logistics market is segmented into service, phase, therapeutic area, end-user industry, and company. Based on service, the market is segmented into logistics & distribution, storage & retention, packaging, labeling, & blinding, manufacturing, comparator sourcing, and others. Based on phase, the market is segmented into Phase 0, phase I, phase II, and Phase III. Based on therapeutic areas, the market is divided into oncology, cardiovascular diseases, neurological disorders, and others. Based on the end-user industry, the market is divided into pharmaceutical and medical devices. In terms of country, the United States is expected to be a lucrative market in the forecast period due to the rising occurrences of various types of cancer and extensive technology development in the country.

Market Players

Thermo Fisher Scientific (Patheon), Catalent, Inc., United Parcel Service (Marken), PARAXEL International Corporation, Almac Group, Piramal Pharma Solutions (Piramal Group), UDG Healthcare, plc, DHL International Limited, Packaging Coordinators Inc., and Walden Group SAS (Movianto) are some of the leading companies operating in the market.

Report Scope:

In this report, global clinical trials supply & logistics market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

-□ Clinical Trials Supply & Logistics Market, By Service:

o□ Logistics & Distribution

o□ Storage & Retention

o□ Packaging

o□ Labeling & Blinding

o□ Manufacturing

o□ Comparator Sourcing

o□ Others

-□ Clinical Trials Supply & Logistics Market, By Phase:

o□ Phase 0

o□ Phase I

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- o□Phase II

- o□Phase III

- Clinical Trials Supply & Logistics Market, By Therapeutic Area:

- o□Oncology

- o□Cardiovascular Diseases

- o□Neurological Disorders

- o□Others

- Clinical Trials Supply & Logistics Market, By End User Industry:

- o□Pharmaceutical

- o□Medical Devices

- Clinical Trials Supply & Logistics Market, By Region:

- o□North America

- o□United States

- o□Canada

- o□Mexico

- o□Asia-Pacific

- o□China

- o□India

- o□Japan

- o□Australia

- o□South Korea

- o□Europe & CIS

- o□Germany

- o□France

- o□United Kingdom

- o□Spain

- o□Italy

- o□South America

- o□Brazil

- o□Argentina

- o□Colombia

- o□Middle East & Africa

- o□South Africa

- o□Saudi Arabia

- o□UAE

- o□Turkey

- o□Egypt

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Global Clinical Trials Supply & Logistics Market

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

1.□Product Overview

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- 2. Research Methodology
- 3. Executive Summary
- 4. Impact of COVID-19 on Global Clinical Trial Supply & Logistics Market
- 5. Voice of Customer
- 6. Global Clinical Trial Supply & Logistics Market Outlook
 - 6.1. Market Size & Forecast
 - 6.1.1. By Value
 - 6.2. Market Share & Forecast
 - 6.2.1. By Service (Logistics & Distribution; Storage & Retention; Packaging, Labeling, & Blinding; Manufacturing; Comparator Sourcing; Others)
 - 6.2.2. By Phase (Phase 0, Phase I, Phase II, Phase III)
 - 6.2.3. By Therapeutic Area (Oncology, Cardiovascular Diseases, Neurological Disorders, Others)
 - 6.2.4. By End User Industry (Pharmaceutical v/s Medical Devices)
 - 6.2.5. By Company (2021)
 - 6.2.6. By Region
 - 6.3. Market Map
- 7. North America Clinical Trial Supply & Logistics Market Outlook
 - 7.1. Market Size & Forecast
 - 7.1.1. By Value
 - 7.2. Market Share & Forecast
 - 7.2.1. By Service
 - 7.2.2. By Phase
 - 7.2.3. By Therapeutic Area
 - 7.2.4. By End User Industry
 - 7.2.5. By Country
 - 7.3. North America: Country Analysis
 - 7.3.1. United States Clinical Trial Supply & Logistics Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Service
 - 7.3.1.2.2. By Phase
 - 7.3.1.2.3. By Therapeutic Area
 - 7.3.1.2.4. By End User Industry
 - 7.3.2. Canada Clinical Trial Supply & Logistics Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Service
 - 7.3.2.2.2. By Phase
 - 7.3.2.2.3. By Therapeutic Area
 - 7.3.2.2.4. By End User Industry
 - 7.3.3. Mexico Clinical Trial Supply & Logistics Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Service

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- 7.3.3.2.2. By Phase
- 7.3.3.2.3. By Therapeutic Area
- 7.3.3.2.4. By End User Industry
- 8. Europe Clinical Trial Supply & Logistics Market Outlook
- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Service
 - 8.2.2. By Phase
 - 8.2.3. By Therapeutic Area
 - 8.2.4. By End User Industry
 - 8.2.5. By Country
- 8.3. Europe: Country Analysis
 - 8.3.1. France Clinical Trial Supply & Logistics Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Service
 - 8.3.1.2.2. By Phase
 - 8.3.1.2.3. By Therapeutic Area
 - 8.3.1.2.4. By End User Industry
 - 8.3.2. Germany Clinical Trial Supply & Logistics Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Value
 - 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Service
 - 8.3.2.2.2. By Phase
 - 8.3.2.2.3. By Therapeutic Area
 - 8.3.2.2.4. By End User Industry
 - 8.3.3. United Kingdom Clinical Trial Supply & Logistics Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Service
 - 8.3.3.2.2. By Phase
 - 8.3.3.2.3. By Therapeutic Area
 - 8.3.3.2.4. By End User Industry
 - 8.3.4. Italy Clinical Trial Supply & Logistics Market Outlook
 - 8.3.4.1. Market Size & Forecast
 - 8.3.4.1.1. By Value
 - 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Service
 - 8.3.4.2.2. By Phase
 - 8.3.4.2.3. By Therapeutic Area
 - 8.3.4.2.4. By End User Industry
 - 8.3.5. Spain Clinical Trial Supply & Logistics Market Outlook
 - 8.3.5.1. Market Size & Forecast

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- 8.3.5.1.1. By Value
- 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Service
 - 8.3.5.2.2. By Phase
 - 8.3.5.2.3. By Therapeutic Area
 - 8.3.5.2.4. By End User Industry
- 9. Asia-Pacific Clinical Trial Supply & Logistics Market Outlook
 - 9.1. Market Size & Forecast
 - 9.1.1. By Value
 - 9.2. Market Share & Forecast
 - 9.2.1. By Service
 - 9.2.2. By Phase
 - 9.2.3. By Therapeutic Area
 - 9.2.4. By End User Industry
 - 9.2.5. By Country
 - 9.3. Asia-Pacific: Country Analysis
 - 9.3.1. China Clinical Trial Supply & Logistics Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Service
 - 9.3.1.2.2. By Phase
 - 9.3.1.2.3. By Therapeutic Area
 - 9.3.1.2.4. By End User Industry
 - 9.3.2. India Clinical Trial Supply & Logistics Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Service
 - 9.3.2.2.2. By Phase
 - 9.3.2.2.3. By Therapeutic Area
 - 9.3.2.2.4. By End User Industry
 - 9.3.3. Japan Clinical Trial Supply & Logistics Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Service
 - 9.3.3.2.2. By Phase
 - 9.3.3.2.3. By Therapeutic Area
 - 9.3.3.2.4. By End User Industry
 - 9.3.4. South Korea Clinical Trial Supply & Logistics Market Outlook
 - 9.3.4.1. Market Size & Forecast
 - 9.3.4.1.1. By Value
 - 9.3.4.2. Market Share & Forecast
 - 9.3.4.2.1. By Service
 - 9.3.4.2.2. By Phase
 - 9.3.4.2.3. By Therapeutic Area

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- 9.3.4.2.4. By End User Industry
- 9.3.5. Australia Clinical Trial Supply & Logistics Market Outlook
 - 9.3.5.1. Market Size & Forecast
 - 9.3.5.1.1. By Value
 - 9.3.5.2. Market Share & Forecast
 - 9.3.5.2.1. By Service
 - 9.3.5.2.2. By Phase
 - 9.3.5.2.3. By Therapeutic Area
 - 9.3.5.2.4. By End User Industry
- 10. South America Clinical Trial Supply & Logistics Market Outlook
 - 10.1. Market Size & Forecast
 - 10.1.1. By Value
 - 10.2. Market Share & Forecast
 - 10.2.1. By Service
 - 10.2.2. By Phase
 - 10.2.3. By Therapeutic Area
 - 10.2.4. By End User Industry
 - 10.2.5. By Country
 - 10.3. South America: Country Analysis
 - 10.3.1. Brazil Clinical Trial Supply & Logistics Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
 - 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Service
 - 10.3.1.2.2. By Phase
 - 10.3.1.2.3. By Therapeutic Area
 - 10.3.1.2.4. By End User Industry
 - 10.3.2. Argentina Clinical Trial Supply & Logistics Market Outlook
 - 10.3.2.1. Market Size & Forecast
 - 10.3.2.1.1. By Value
 - 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Service
 - 10.3.2.2.2. By Phase
 - 10.3.2.2.3. By Therapeutic Area
 - 10.3.2.2.4. By End User Industry
 - 10.3.3. Colombia Clinical Trial Supply & Logistics Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value
 - 10.3.3.2. Market Share & Forecast
 - 10.3.3.2.1. By Service
 - 10.3.3.2.2. By Phase
 - 10.3.3.2.3. By Therapeutic Area
 - 10.3.3.2.4. By End User Industry
 - 11. Middle East and Africa Clinical Trial Supply & Logistics Market Outlook
 - 11.1. Market Size & Forecast
 - 11.1.1. By Value
 - 11.2. Market Share & Forecast

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- 11.2.1. By Service
- 11.2.2. By Phase
- 11.2.3. By Therapeutic Area
- 11.2.4. By End User Industry
- 11.2.5. By Country
- 11.3. MEA: Country Analysis
 - 11.3.1. South Africa Clinical Trial Supply & Logistics Market Outlook
 - 11.3.1.1. Market Size & Forecast
 - 11.3.1.1.1. By Value
 - 11.3.1.2. Market Share & Forecast
 - 11.3.1.2.1. By Service
 - 11.3.1.2.2. By Phase
 - 11.3.1.2.3. By Therapeutic Area
 - 11.3.1.2.4. By End User Industry
 - 11.3.2. Saudi Arabia Clinical Trial Supply & Logistics Market Outlook
 - 11.3.2.1. Market Size & Forecast
 - 11.3.2.1.1. By Value
 - 11.3.2.2. Market Share & Forecast
 - 11.3.2.2.1. By Service
 - 11.3.2.2.2. By Phase
 - 11.3.2.2.3. By Therapeutic Area
 - 11.3.2.2.4. By End User Industry
 - 11.3.3. UAE Clinical Trial Supply & Logistics Market Outlook
 - 11.3.3.1. Market Size & Forecast
 - 11.3.3.1.1. By Value
 - 11.3.3.2. Market Share & Forecast
 - 11.3.3.2.1. By Service
 - 11.3.3.2.2. By Phase
 - 11.3.3.2.3. By Therapeutic Area
 - 11.3.3.2.4. By End User Industry
 - 11.3.4. Turkey Clinical Trial Supply & Logistics Market Outlook
 - 11.3.4.1. Market Size & Forecast
 - 11.3.4.1.1. By Value
 - 11.3.4.2. Market Share & Forecast
 - 11.3.4.2.1. By Service
 - 11.3.4.2.2. By Phase
 - 11.3.4.2.3. By Therapeutic Area
 - 11.3.4.2.4. By End User Industry
 - 11.3.5. Egypt Clinical Trial Supply & Logistics Market Outlook
 - 11.3.5.1. Market Size & Forecast
 - 11.3.5.1.1. By Value
 - 11.3.5.2. Market Share & Forecast
 - 11.3.5.2.1. By Service
 - 11.3.5.2.2. By Phase
 - 11.3.5.2.3. By Therapeutic Area
 - 11.3.5.2.4. By End User Industry
- 12. Market Dynamics

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- 12.1. Drivers
- 12.2. Challenges
- 13. Market Trends & Developments
- 14. Competitive Landscape
 - 14.1. Thermo Fisher Scientific (Patheon)
 - 14.2. Catalent, Inc.
 - 14.3. United Parcel Service (Marken)
 - 14.4. PARAXEL International Corporation
 - 14.5. Almac Group
 - 14.6. Piramal Pharma Solutions (Piramal Group)
 - 14.7. UDG Healthcare, plc
 - 14.8. DHL International Limited
 - 14.9. Packaging Coordinators Inc.
 - 14.10. Walden Group SAS (Movianto)
- 15. Strategic Recommendations

**Clinical Trials Supply & Logistics Market - Global Industry Size, Share, Trends,
Opportunity, and Forecast, 2017-2027**
**Segmented By Service (Logistics & Distribution; Storage & Retention; Packaging,
Labeling, & Blinding; Manufacturing; Comparator Sourcing; Others), By Phase (Phase
0, Phase I, Phase II, Phase III), By Therapeutic Area (Oncology, Cardiovascular
Diseases, Neurological Disorders, Others), By End User Industry (Pharmaceutical v/s
Medical Devices), By Company and By Region**

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