

# **Global Tissue Engineering Market Insights, Forecast** to 2026

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# **Abstracts**

Tissue Engineering is a process involving in-vitro development of tissues or organs. It is done to replace or support the function of defective or injured body part. Tissue engineering involves the application of biology and engineering for innovation of tissue substitutes that can maintain, restore and improve the function of ruptured human tissue. Products developed by this procedure are efficient and durable. Tissue engineering is gaining its popularity in various areas such as burn treatment or wound care, neurology products, orthopedics, urological products and others. On the basis of type of material used, tissue engineering and regeneration market can be segmented into synthetic, genetically modified and biological materials.

The classification of Tissue Engineering includes Synthetic Materials, Biologically Derived Materials and other. And the revenue proportion of Biologically Derived Materials in 2016 is about 54%, and the proportion of Synthetic Materials is 16%. Tissue Engineering is widely used in Orthopedics Musculoskeletal &Spine, Neurology,

Cardiology & Vascular, Skin & Integumentary and other field.

North America region is the largest supplier of Tissue Engineering, with a production revenue market share nearly 54% in 2016. Europe is the second largest supplier of Tissue Engineering, enjoying production revenue market share nearly 31% in 2016. North America is the largest consumption place, with a consumption market share nearly 43% in 2016. Following North America, Europe is the second largest consumption place with the consumption market share of 35%.

Allergan, Integra Lifesciences, C. R. Bard, and Zimmer Biomet etc. are the leaders of the industry, and they hold key technologies and patents, with high-end customers; have been formed in the monopoly position in the industry.

Since the COVID-19 virus outbreak in December 2019, the disease has spread to almost 100 countries around the globe with the World Health Organization declaring it a public health emergency. The global impacts of the coronavirus disease 2019



(COVID-19) are already starting to be felt, and will significantly affect the Tissue Engineering 4900 market in 2020.

COVID-19 can affect the global economy in three main ways: by directly affecting production and demand, by creating supply chain and market disruption, and by its financial impact on firms and financial markets.

The outbreak of COVID-19 has brought effects on many aspects, like flight cancellations; travel bans and quarantines; restaurants closed; all indoor events restricted; over forty countries state of emergency declared; massive slowing of the supply chain; stock market volatility; falling business confidence, growing panic among the population, and uncertainty about future.

This report also analyses the impact of Coronavirus COVID-19 on the Tissue Engineering 4900 industry.

Based on our recent survey, we have several different scenarios about the Tissue Engineering 4900 YoY growth rate for 2020. The probable scenario is expected to grow by a xx% in 2020 and the revenue will be xx in 2020 from US\$ 20030 million in 2019. The market size of Tissue Engineering 4900 will reach xx in 2026, with a CAGR of xx% from 2020 to 2026.

With industry-standard accuracy in analysis and high data integrity, the report makes a brilliant attempt to unveil key opportunities available in the global Tissue Engineering market to help players in achieving a strong market position. Buyers of the report can access verified and reliable market forecasts, including those for the overall size of the global Tissue Engineering market in terms of both revenue and volume.

Players, stakeholders, and other participants in the global Tissue Engineering market will be able to gain the upper hand as they use the report as a powerful resource. For this version of the report, the segmental analysis focuses on sales (volume), revenue and forecast by each application segment in terms of sales and revenue and forecast by each type segment in terms of revenue for the period 2015-2026.

#### Production and Pricing Analyses

Readers are provided with deeper production analysis, import and export analysis, and pricing analysis for the global Tissue Engineering market. As part of production analysis, the report offers accurate statistics and figures for production capacity, production volume by region, and global production and production by each type segment for the period 2015-2026.

In the pricing analysis section of the report, readers are provided with validated statistics and figures for price by manufacturer and price by region for the period 2015-2020 and price by each type segment for the period 2015-2026. The import and export analysis for the global Tissue Engineering market has been provided based on region.



#### Regional and Country-level Analysis

The report offers an exhaustive geographical analysis of the global Tissue Engineering market, covering important regions, viz, North America, Europe, China and Japan. It also covers key countries (regions), viz, U.S., Canada, Germany, France, U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan, Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, UAE, etc. The report includes country-wise and region-wise market size for the period 2015-2026. It also includes market size and forecast by each application segment in terms of volume for the period 2015-2026.

#### **Competition Analysis**

In the competitive analysis section of the report, leading as well as prominent players of the global Tissue Engineering market are broadly studied on the basis of key factors. The report offers comprehensive analysis and accurate statistics on sales by the player for the period 2015-2020. It also offers detailed analysis supported by reliable statistics on price and revenue (global level) by player for the period 2015-2020. On the whole, the report proves to be an effective tool that players can use to gain a competitive edge over their competitors and ensure lasting success in the global Tissue Engineering market. All of the findings, data, and information provided in the report are validated and revalidated with the help of trustworthy sources. The analysts who have authored the report took a unique and industry-best research and analysis approach for an in-depth study of the global Tissue Engineering market. The following manufacturers are covered in this report:

Allergan

Integra Lifesciences

C. R. Bard

Zimmer Biomet

Organogenesis

**Osiris Therapeutics** 



Cryolife

ACell

Biocomposites

DSM

Episkin

J-TEC

Athersys

Biotime

B. Braun

International Stem Cell

**Bio Tissue Technologies** 

#### Tissue Engineering Breakdown Data by Type

Synthetic Materials

**Biologically Derived Materials** 

Tissue Engineering Breakdown Data by Application

Neurology

Cardiology & Vascular

Skin & Integumentary

Others





# Contents

### **1 STUDY COVERAGE**

- 1.1 Tissue Engineering Product Introduction
- 1.2 Key Market Segments in This Study

1.3 Key Manufacturers Covered: Ranking of Global Top Tissue Engineering Manufacturers by Revenue in 2019

- 1.4 Market by Type
- 1.4.1 Global Tissue Engineering Market Size Growth Rate by Type
- 1.4.2 Synthetic Materials
- 1.4.3 Biologically Derived Materials
- 1.5 Market by Application
- 1.5.1 Global Tissue Engineering Market Size Growth Rate by Application
- 1.5.2 Neurology
- 1.5.3 Cardiology & Vascular
- 1.5.4 Skin & Integumentary
- 1.5.5 Others

1.6 Coronavirus Disease 2019 (Covid-19): Tissue Engineering Industry Impact

- 1.6.1 How the Covid-19 is Affecting the Tissue Engineering Industry
- 1.6.1.1 Tissue Engineering Business Impact Assessment Covid-19
- 1.6.1.2 Supply Chain Challenges
- 1.6.1.3 COVID-19's Impact On Crude Oil and Refined Products

1.6.2 Market Trends and Tissue Engineering Potential Opportunities in the COVID-19 Landscape

- 1.6.3 Measures / Proposal against Covid-19
  - 1.6.3.1 Government Measures to Combat Covid-19 Impact
- 1.6.3.2 Proposal for Tissue Engineering Players to Combat Covid-19 Impact
- 1.7 Study Objectives

1.8 Years Considered

# **2 EXECUTIVE SUMMARY**

2.1 Global Tissue Engineering Market Size Estimates and Forecasts

2.1.1 Global Tissue Engineering Revenue Estimates and Forecasts 2015-2026

2.1.2 Global Tissue Engineering Production Capacity Estimates and Forecasts 2015-2026

2.1.3 Global Tissue Engineering Production Estimates and Forecasts 2015-2026 2.2 Global Tissue Engineering Market Size by Producing Regions: 2015 VS 2020 VS



2026

2.3 Analysis of Competitive Landscape

2.3.1 Manufacturers Market Concentration Ratio (CR5 and HHI)

2.3.2 Global Tissue Engineering Market Share by Company Type (Tier 1, Tier 2 and Tier 3)

2.3.3 Global Tissue Engineering Manufacturers Geographical Distribution

2.4 Key Trends for Tissue Engineering Markets & Products

2.5 Primary Interviews with Key Tissue Engineering Players (Opinion Leaders)

# **3 MARKET SIZE BY MANUFACTURERS**

3.1 Global Top Tissue Engineering Manufacturers by Production Capacity

3.1.1 Global Top Tissue Engineering Manufacturers by Production Capacity (2015-2020)

3.1.2 Global Top Tissue Engineering Manufacturers by Production (2015-2020)

3.1.3 Global Top Tissue Engineering Manufacturers Market Share by Production

3.2 Global Top Tissue Engineering Manufacturers by Revenue

3.2.1 Global Top Tissue Engineering Manufacturers by Revenue (2015-2020)

3.2.2 Global Top Tissue Engineering Manufacturers Market Share by Revenue (2015-2020)

3.2.3 Global Top 10 and Top 5 Companies by Tissue Engineering Revenue in 2019 3.3 Global Tissue Engineering Price by Manufacturers

3.4 Mergers & Acquisitions, Expansion Plans

# **4 TISSUE ENGINEERING PRODUCTION BY REGIONS**

4.1 Global Tissue Engineering Historic Market Facts & Figures by Regions

- 4.1.1 Global Top Tissue Engineering Regions by Production (2015-2020)
- 4.1.2 Global Top Tissue Engineering Regions by Revenue (2015-2020)
- 4.2 North America

4.2.1 North America Tissue Engineering Production (2015-2020)

- 4.2.2 North America Tissue Engineering Revenue (2015-2020)
- 4.2.3 Key Players in North America
- 4.2.4 North America Tissue Engineering Import & Export (2015-2020)

4.3 Europe

- 4.3.1 Europe Tissue Engineering Production (2015-2020)
- 4.3.2 Europe Tissue Engineering Revenue (2015-2020)
- 4.3.3 Key Players in Europe
- 4.3.4 Europe Tissue Engineering Import & Export (2015-2020)



#### 4.4 China

- 4.4.1 China Tissue Engineering Production (2015-2020)
- 4.4.2 China Tissue Engineering Revenue (2015-2020)
- 4.4.3 Key Players in China
- 4.4.4 China Tissue Engineering Import & Export (2015-2020)
- 4.5 Japan
- 4.5.1 Japan Tissue Engineering Production (2015-2020)
- 4.5.2 Japan Tissue Engineering Revenue (2015-2020)
- 4.5.3 Key Players in Japan
- 4.5.4 Japan Tissue Engineering Import & Export (2015-2020)

# **5 TISSUE ENGINEERING CONSUMPTION BY REGION**

- 5.1 Global Top Tissue Engineering Regions by Consumption
- 5.1.1 Global Top Tissue Engineering Regions by Consumption (2015-2020)
- 5.1.2 Global Top Tissue Engineering Regions Market Share by Consumption (2015-2020)
- 5.2 North America
  - 5.2.1 North America Tissue Engineering Consumption by Application
  - 5.2.2 North America Tissue Engineering Consumption by Countries
  - 5.2.3 U.S.
- 5.2.4 Canada
- 5.3 Europe
  - 5.3.1 Europe Tissue Engineering Consumption by Application
  - 5.3.2 Europe Tissue Engineering Consumption by Countries
  - 5.3.3 Germany
  - 5.3.4 France
  - 5.3.5 U.K.
  - 5.3.6 Italy
  - 5.3.7 Russia
- 5.4 Asia Pacific
  - 5.4.1 Asia Pacific Tissue Engineering Consumption by Application
  - 5.4.2 Asia Pacific Tissue Engineering Consumption by Regions
  - 5.4.3 China
  - 5.4.4 Japan
  - 5.4.5 South Korea
  - 5.4.6 India
  - 5.4.7 Australia
  - 5.4.8 Taiwan



- 5.4.9 Indonesia
- 5.4.10 Thailand
- 5.4.11 Malaysia
- 5.4.12 Philippines
- 5.4.13 Vietnam
- 5.5 Central & South America
- 5.5.1 Central & South America Tissue Engineering Consumption by Application
- 5.5.2 Central & South America Tissue Engineering Consumption by Country
- 5.5.3 Mexico
- 5.5.3 Brazil
- 5.5.3 Argentina
- 5.6 Middle East and Africa
  - 5.6.1 Middle East and Africa Tissue Engineering Consumption by Application
  - 5.6.2 Middle East and Africa Tissue Engineering Consumption by Countries
  - 5.6.3 Turkey
  - 5.6.4 Saudi Arabia
  - 5.6.5 UAE

### 6 MARKET SIZE BY TYPE (2015-2026)

- 6.1 Global Tissue Engineering Market Size by Type (2015-2020)
- 6.1.1 Global Tissue Engineering Production by Type (2015-2020)
- 6.1.2 Global Tissue Engineering Revenue by Type (2015-2020)
- 6.1.3 Tissue Engineering Price by Type (2015-2020)
- 6.2 Global Tissue Engineering Market Forecast by Type (2021-2026)
- 6.2.1 Global Tissue Engineering Production Forecast by Type (2021-2026)
- 6.2.2 Global Tissue Engineering Revenue Forecast by Type (2021-2026)
- 6.2.3 Global Tissue Engineering Price Forecast by Type (2021-2026)

6.3 Global Tissue Engineering Market Share by Price Tier (2015-2020): Low-End, Mid-Range and High-End

# 7 MARKET SIZE BY APPLICATION (2015-2026)

7.2.1 Global Tissue Engineering Consumption Historic Breakdown by Application (2015-2020)

7.2.2 Global Tissue Engineering Consumption Forecast by Application (2021-2026)

# **8 CORPORATE PROFILES**



#### 8.1 Allergan

- 8.1.1 Allergan Corporation Information
- 8.1.2 Allergan Overview and Its Total Revenue

8.1.3 Allergan Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

- 8.1.4 Allergan Product Description
- 8.1.5 Allergan Recent Development

8.2 Integra Lifesciences

- 8.2.1 Integra Lifesciences Corporation Information
- 8.2.2 Integra Lifesciences Overview and Its Total Revenue
- 8.2.3 Integra Lifesciences Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
- 8.2.4 Integra Lifesciences Product Description
- 8.2.5 Integra Lifesciences Recent Development

8.3 C. R. Bard

- 8.3.1 C. R. Bard Corporation Information
- 8.3.2 C. R. Bard Overview and Its Total Revenue
- 8.3.3 C. R. Bard Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
- 8.3.4 C. R. Bard Product Description
- 8.3.5 C. R. Bard Recent Development

#### 8.4 Zimmer Biomet

- 8.4.1 Zimmer Biomet Corporation Information
- 8.4.2 Zimmer Biomet Overview and Its Total Revenue

8.4.3 Zimmer Biomet Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

- 8.4.4 Zimmer Biomet Product Description
- 8.4.5 Zimmer Biomet Recent Development

8.5 Organogenesis

- 8.5.1 Organogenesis Corporation Information
- 8.5.2 Organogenesis Overview and Its Total Revenue

8.5.3 Organogenesis Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

- 8.5.4 Organogenesis Product Description
- 8.5.5 Organogenesis Recent Development
- 8.6 Osiris Therapeutics
- 8.6.1 Osiris Therapeutics Corporation Information
- 8.6.2 Osiris Therapeutics Overview and Its Total Revenue
- 8.6.3 Osiris Therapeutics Production Capacity and Supply, Price, Revenue and Gross



Margin (2015-2020)

- 8.6.4 Osiris Therapeutics Product Description
- 8.6.5 Osiris Therapeutics Recent Development
- 8.7 Cryolife
- 8.7.1 Cryolife Corporation Information
- 8.7.2 Cryolife Overview and Its Total Revenue
- 8.7.3 Cryolife Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
- 8.7.4 Cryolife Product Description
- 8.7.5 Cryolife Recent Development
- 8.8 ACell
- 8.8.1 ACell Corporation Information
- 8.8.2 ACell Overview and Its Total Revenue
- 8.8.3 ACell Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
- 8.8.4 ACell Product Description
- 8.8.5 ACell Recent Development
- 8.9 Biocomposites
  - 8.9.1 Biocomposites Corporation Information
  - 8.9.2 Biocomposites Overview and Its Total Revenue
- 8.9.3 Biocomposites Production Capacity and Supply, Price, Revenue and Gross

Margin (2015-2020)

- 8.9.4 Biocomposites Product Description
- 8.9.5 Biocomposites Recent Development
- 8.10 DSM
  - 8.10.1 DSM Corporation Information
  - 8.10.2 DSM Overview and Its Total Revenue
- 8.10.3 DSM Production Capacity and Supply, Price, Revenue and Gross Margin

(2015-2020)

- 8.10.4 DSM Product Description
- 8.10.5 DSM Recent Development
- 8.11 Episkin
  - 8.11.1 Episkin Corporation Information
  - 8.11.2 Episkin Overview and Its Total Revenue
- 8.11.3 Episkin Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.11.4 Episkin Product Description

- 8.11.5 Episkin Recent Development
- 8.12 J-TEC



- 8.12.1 J-TEC Corporation Information
- 8.12.2 J-TEC Overview and Its Total Revenue

8.12.3 J-TEC Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

- 8.12.4 J-TEC Product Description
- 8.12.5 J-TEC Recent Development
- 8.13 Athersys
  - 8.13.1 Athersys Corporation Information
- 8.13.2 Athersys Overview and Its Total Revenue
- 8.13.3 Athersys Production Capacity and Supply, Price, Revenue and Gross Margin
- (2015-2020)
- 8.13.4 Athersys Product Description
- 8.13.5 Athersys Recent Development
- 8.14 Biotime
- 8.14.1 Biotime Corporation Information
- 8.14.2 Biotime Overview and Its Total Revenue
- 8.14.3 Biotime Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
- (2015-2020)
- 8.14.4 Biotime Product Description
- 8.14.5 Biotime Recent Development
- 8.15 B. Braun
- 8.15.1 B. Braun Corporation Information
- 8.15.2 B. Braun Overview and Its Total Revenue

8.15.3 B. Braun Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

- 8.15.4 B. Braun Product Description
- 8.15.5 B. Braun Recent Development
- 8.16 International Stem Cell
- 8.16.1 International Stem Cell Corporation Information
- 8.16.2 International Stem Cell Overview and Its Total Revenue
- 8.16.3 International Stem Cell Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
- 8.16.4 International Stem Cell Product Description
- 8.16.5 International Stem Cell Recent Development
- 8.17 Bio Tissue Technologies
  - 8.17.1 Bio Tissue Technologies Corporation Information
  - 8.17.2 Bio Tissue Technologies Overview and Its Total Revenue

8.17.3 Bio Tissue Technologies Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)



- 8.17.4 Bio Tissue Technologies Product Description
- 8.17.5 Bio Tissue Technologies Recent Development

# 9 PRODUCTION FORECASTS BY REGIONS

- 9.1 Global Top Tissue Engineering Regions Forecast by Revenue (2021-2026)
- 9.2 Global Top Tissue Engineering Regions Forecast by Production (2021-2026)
- 9.3 Key Tissue Engineering Production Regions Forecast
  - 9.3.1 North America
  - 9.3.2 Europe
  - 9.3.3 China
  - 9.3.4 Japan

# **10 TISSUE ENGINEERING CONSUMPTION FORECAST BY REGION**

10.1 Global Tissue Engineering Consumption Forecast by Region (2021-2026)
10.2 North America Tissue Engineering Consumption Forecast by Region (2021-2026)
10.3 Europe Tissue Engineering Consumption Forecast by Region (2021-2026)
10.4 Asia Pacific Tissue Engineering Consumption Forecast by Region (2021-2026)
10.5 Latin America Tissue Engineering Consumption Forecast by Region (2021-2026)
10.6 Middle East and Africa Tissue Engineering Consumption Forecast by Region (2021-2026)

# 11 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 11.1 Value Chain Analysis
- 11.2 Sales Channels Analysis
- 11.2.1 Tissue Engineering Sales Channels
- 11.2.2 Tissue Engineering Distributors
- 11.3 Tissue Engineering Customers

# 12 MARKET OPPORTUNITIES & CHALLENGES, RISKS AND INFLUENCES FACTORS ANALYSIS

- 12.1 Market Opportunities and Drivers
- 12.2 Market Challenges
- 12.3 Market Risks/Restraints
- 12.4 Porter's Five Forces Analysis



#### **13 KEY FINDING IN THE GLOBAL TISSUE ENGINEERING STUDY**

#### **14 APPENDIX**

- 14.1 Research Methodology
  - 14.1.1 Methodology/Research Approach
  - 14.1.2 Data Source
- 14.2 Author Details
- 14.3 Disclaimer



# **List Of Tables**

# LIST OF TABLES

Table 1. Tissue Engineering Key Market Segments in This Study

Table 2. Ranking of Global Top Tissue Engineering Manufacturers by Revenue (US\$ Million) in 2019

Table 3. Global Tissue Engineering Market Size Growth Rate by Type 2020-2026 (K Units) (Million US\$)

Table 4. Major Manufacturers of Synthetic Materials

Table 5. Major Manufacturers of Biologically Derived Materials

Table 6. COVID-19 Impact Global Market: (Four Tissue Engineering Market Size Forecast Scenarios)

Table 7. Opportunities and Trends for Tissue Engineering Players in the COVID-19 Landscape

Table 8. Present Opportunities in China & Elsewhere Due to the Coronavirus Crisis Table 9. Key Regions/Countries Measures against Covid-19 Impact

Table 10. Proposal for Tissue Engineering Players to Combat Covid-19 Impact

Table 11. Global Tissue Engineering Market Size Growth Rate by Application 2020-2026 (K Units)

Table 12. Global Tissue Engineering Market Size by Region in US\$ Million: 2015 VS 2020 VS 2026

Table 13. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Global Tissue Engineering by Company Type (Tier 1, Tier 2 and Tier 3) (based on the Revenue in Tissue Engineering as of 2019)

Table 15. Tissue Engineering Manufacturing Base Distribution and Headquarters

Table 16. Manufacturers Tissue Engineering Product Offered

Table 17. Date of Manufacturers Enter into Tissue Engineering Market

Table 18. Key Trends for Tissue Engineering Markets & Products

Table 19. Main Points Interviewed from Key Tissue Engineering Players

Table 20. Global Tissue Engineering Production Capacity by Manufacturers (2015-2020) (K Units)

Table 21. Global Tissue Engineering Production Share by Manufacturers (2015-2020)

Table 22. Tissue Engineering Revenue by Manufacturers (2015-2020) (Million US\$)

Table 23. Tissue Engineering Revenue Share by Manufacturers (2015-2020)

Table 24. Tissue Engineering Price by Manufacturers 2015-2020 (USD/Unit)

Table 25. Mergers & Acquisitions, Expansion Plans

Table 26. Global Tissue Engineering Production by Regions (2015-2020) (K Units)

Table 27. Global Tissue Engineering Production Market Share by Regions (2015-2020)



Table 28. Global Tissue Engineering Revenue by Regions (2015-2020) (US\$ Million)

Table 29. Global Tissue Engineering Revenue Market Share by Regions (2015-2020)

Table 30. Key Tissue Engineering Players in North America

Table 31. Import & Export of Tissue Engineering in North America (K Units)

Table 32. Key Tissue Engineering Players in Europe

Table 33. Import & Export of Tissue Engineering in Europe (K Units)

Table 34. Key Tissue Engineering Players in China

Table 35. Import & Export of Tissue Engineering in China (K Units)

Table 36. Key Tissue Engineering Players in Japan

Table 37. Import & Export of Tissue Engineering in Japan (K Units)

Table 38. Global Tissue Engineering Consumption by Regions (2015-2020) (K Units)

Table 39. Global Tissue Engineering Consumption Market Share by Regions (2015-2020)

Table 40. North America Tissue Engineering Consumption by Application (2015-2020) (K Units)

Table 41. North America Tissue Engineering Consumption by Countries (2015-2020) (K Units)

Table 42. Europe Tissue Engineering Consumption by Application (2015-2020) (K Units)

Table 43. Europe Tissue Engineering Consumption by Countries (2015-2020) (K Units)

Table 44. Asia Pacific Tissue Engineering Consumption by Application (2015-2020) (K Units)

Table 45. Asia Pacific Tissue Engineering Consumption Market Share by Application (2015-2020) (K Units)

Table 46. Asia Pacific Tissue Engineering Consumption by Regions (2015-2020) (K Units)

Table 47. Latin America Tissue Engineering Consumption by Application (2015-2020) (K Units)

Table 48. Latin America Tissue Engineering Consumption by Countries (2015-2020) (K Units)

Table 49. Middle East and Africa Tissue Engineering Consumption by Application (2015-2020) (K Units)

Table 50. Middle East and Africa Tissue Engineering Consumption by Countries (2015-2020) (K Units)

Table 51. Global Tissue Engineering Production by Type (2015-2020) (K Units)

 Table 52. Global Tissue Engineering Production Share by Type (2015-2020)

Table 53. Global Tissue Engineering Revenue by Type (2015-2020) (Million US\$)

Table 54. Global Tissue Engineering Revenue Share by Type (2015-2020)

Table 55. Tissue Engineering Price by Type 2015-2020 (USD/Unit)



Table 56. Global Tissue Engineering Consumption by Application (2015-2020) (K Units)

Table 57. Global Tissue Engineering Consumption by Application (2015-2020) (K Units)

Table 58. Global Tissue Engineering Consumption Share by Application (2015-2020)

- Table 59. Allergan Corporation Information
- Table 60. Allergan Description and Major Businesses

Table 61. Allergan Tissue Engineering Production (K Units), Revenue (US\$ Million),

- Price (USD/Unit) and Gross Margin (2015-2020)
- Table 62. Allergan Product
- Table 63. Allergan Recent Development
- Table 64. Integra Lifesciences Corporation Information
- Table 65. Integra Lifesciences Description and Major Businesses
- Table 66. Integra Lifesciences Tissue Engineering Production (K Units), Revenue (US\$
- Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 67. Integra Lifesciences Product
- Table 68. Integra Lifesciences Recent Development
- Table 69. C. R. Bard Corporation Information
- Table 70. C. R. Bard Description and Major Businesses
- Table 71. C. R. Bard Tissue Engineering Production (K Units), Revenue (US\$ Million),
- Price (USD/Unit) and Gross Margin (2015-2020)
- Table 72. C. R. Bard Product
- Table 73. C. R. Bard Recent Development
- Table 74. Zimmer Biomet Corporation Information
- Table 75. Zimmer Biomet Description and Major Businesses
- Table 76. Zimmer Biomet Tissue Engineering Production (K Units), Revenue (US\$
- Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 77. Zimmer Biomet Product
- Table 78. Zimmer Biomet Recent Development
- Table 79. Organogenesis Corporation Information
- Table 80. Organogenesis Description and Major Businesses
- Table 81. Organogenesis Tissue Engineering Production (K Units), Revenue (US\$
- Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 82. Organogenesis Product
- Table 83. Organogenesis Recent Development
- Table 84. Osiris Therapeutics Corporation Information
- Table 85. Osiris Therapeutics Description and Major Businesses
- Table 86. Osiris Therapeutics Tissue Engineering Production (K Units), Revenue (US\$
- Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 87. Osiris Therapeutics Product
- Table 88. Osiris Therapeutics Recent Development



- Table 89. Cryolife Corporation Information
- Table 90. Cryolife Description and Major Businesses
- Table 91. Cryolife Tissue Engineering Production (K Units), Revenue (US\$ Million),
- Price (USD/Unit) and Gross Margin (2015-2020)
- Table 92. Cryolife Product
- Table 93. Cryolife Recent Development
- Table 94. ACell Corporation Information
- Table 95. ACell Description and Major Businesses
- Table 96. ACell Tissue Engineering Production (K Units), Revenue (US\$ Million), Price
- (USD/Unit) and Gross Margin (2015-2020)
- Table 97. ACell Product
- Table 98. ACell Recent Development
- Table 99. Biocomposites Corporation Information
- Table 100. Biocomposites Description and Major Businesses
- Table 101. Biocomposites Tissue Engineering Production (K Units), Revenue (US\$
- Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 102. Biocomposites Product
- Table 103. Biocomposites Recent Development
- Table 104. DSM Corporation Information
- Table 105. DSM Description and Major Businesses
- Table 106. DSM Tissue Engineering Production (K Units), Revenue (US\$ Million), Price
- (USD/Unit) and Gross Margin (2015-2020)
- Table 107. DSM Product
- Table 108. DSM Recent Development
- Table 109. Episkin Corporation Information
- Table 110. Episkin Description and Major Businesses
- Table 111. Episkin Tissue Engineering Production (K Units), Revenue (US\$ Million),
- Price (USD/Unit) and Gross Margin (2015-2020)
- Table 112. Episkin Product
- Table 113. Episkin Recent Development
- Table 114. J-TEC Corporation Information
- Table 115. J-TEC Description and Major Businesses
- Table 116. J-TEC Tissue Engineering Production (K Units), Revenue (US\$ Million),
- Price (USD/Unit) and Gross Margin (2015-2020)
- Table 117. J-TEC Product
- Table 118. J-TEC Recent Development
- Table 119. Athersys Corporation Information
- Table 120. Athersys Description and Major Businesses
- Table 121. Athersys Tissue Engineering Production (K Units), Revenue (US\$ Million),



Price (USD/Unit) and Gross Margin (2015-2020)

- Table 122. Athersys Product
- Table 123. Athersys Recent Development
- Table 124. Biotime Corporation Information
- Table 125. Biotime Description and Major Businesses

Table 126. Biotime Tissue Engineering Production (K Units), Revenue (US\$ Million),

- Price (USD/Unit) and Gross Margin (2015-2020)
- Table 127. Biotime Product
- Table 128. Biotime Recent Development
- Table 129. B. Braun Corporation Information
- Table 130. B. Braun Description and Major Businesses
- Table 131. B. Braun Tissue Engineering Production (K Units), Revenue (US\$ Million),
- Price (USD/Unit) and Gross Margin (2015-2020)
- Table 132. B. Braun Product
- Table 133. B. Braun Recent Development
- Table 134. International Stem Cell Corporation Information
- Table 135. International Stem Cell Description and Major Businesses
- Table 136. International Stem Cell Tissue Engineering Production (K Units), Revenue
- (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 137. International Stem Cell Product
- Table 138. International Stem Cell Recent Development
- Table 139. Bio Tissue Technologies Corporation Information
- Table 140. Bio Tissue Technologies Description and Major Businesses

Table 141. Bio Tissue Technologies Tissue Engineering Production (K Units), Revenue

(US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

- Table 142. Bio Tissue Technologies Product
- Table 143. Bio Tissue Technologies Recent Development
- Table 144. Global Tissue Engineering Revenue Forecast by Region (2021-2026) (Million US\$)
- Table 145. Global Tissue Engineering Production Forecast by Regions (2021-2026) (K Units)
- Table 146. Global Tissue Engineering Production Forecast by Type (2021-2026) (K Units)
- Table 147. Global Tissue Engineering Revenue Forecast by Type (2021-2026) (Million US\$)
- Table 148. North America Tissue Engineering Consumption Forecast by Regions (2021-2026) (K Units)
- Table 149. Europe Tissue Engineering Consumption Forecast by Regions (2021-2026) (K Units)



Table 150. Asia Pacific Tissue Engineering Consumption Forecast by Regions (2021-2026) (K Units)

Table 151. Latin America Tissue Engineering Consumption Forecast by Regions (2021-2026) (K Units)

Table 152. Middle East and Africa Tissue Engineering Consumption Forecast by Regions (2021-2026) (K Units)

Table 153. Tissue Engineering Distributors List

- Table 154. Tissue Engineering Customers List
- Table 155. Key Opportunities and Drivers: Impact Analysis (2021-2026)
- Table 156. Key Challenges
- Table 157. Market Risks
- Table 158. Research Programs/Design for This Report
- Table 159. Key Data Information from Secondary Sources
- Table 160. Key Data Information from Primary Sources



# **List Of Figures**

#### **LIST OF FIGURES**

- Figure 1. Tissue Engineering Product Picture
- Figure 2. Global Tissue Engineering Production Market Share by Type in 2020 & 2026
- Figure 3. Synthetic Materials Product Picture
- Figure 4. Biologically Derived Materials Product Picture
- Figure 5. Global Tissue Engineering Consumption Market Share by Application in 2020 & 2026
- Figure 6. Neurology
- Figure 7. Cardiology & Vascular
- Figure 8. Skin & Integumentary
- Figure 9. Others
- Figure 10. Tissue Engineering Report Years Considered
- Figure 11. Global Tissue Engineering Revenue 2015-2026 (Million US\$)
- Figure 12. Global Tissue Engineering Production Capacity 2015-2026 (K Units)
- Figure 13. Global Tissue Engineering Production 2015-2026 (K Units)
- Figure 14. Global Tissue Engineering Market Share Scenario by Region in Percentage: 2020 Versus 2026
- Figure 15. Tissue Engineering Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2015 VS 2019
- Figure 16. Global Tissue Engineering Production Share by Manufacturers in 2015 Figure 17. The Top 10 and Top 5 Players Market Share by Tissue Engineering Revenue in 2019
- Figure 18. Global Tissue Engineering Production Market Share by Region (2015-2020)
- Figure 19. Tissue Engineering Production Growth Rate in North America (2015-2020) (K Units)
- Figure 20. Tissue Engineering Revenue Growth Rate in North America (2015-2020) (US\$ Million)
- Figure 21. Tissue Engineering Production Growth Rate in Europe (2015-2020) (K Units)
- Figure 22. Tissue Engineering Revenue Growth Rate in Europe (2015-2020) (US\$ Million)
- Figure 23. Tissue Engineering Production Growth Rate in China (2015-2020) (K Units)
- Figure 24. Tissue Engineering Revenue Growth Rate in China (2015-2020) (US\$ Million)
- Figure 25. Tissue Engineering Production Growth Rate in Japan (2015-2020) (K Units) Figure 26. Tissue Engineering Revenue Growth Rate in Japan (2015-2020) (US\$ Million)



Figure 27. Global Tissue Engineering Consumption Market Share by Regions 2015-2020 Figure 28. North America Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 29. North America Tissue Engineering Consumption Market Share by Application in 2019 Figure 30. North America Tissue Engineering Consumption Market Share by Countries in 2019 Figure 31. U.S. Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 32. Canada Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 33. Europe Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 34. Europe Tissue Engineering Consumption Market Share by Application in 2019 Figure 35. Europe Tissue Engineering Consumption Market Share by Countries in 2019 Figure 36. Germany Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 37. France Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 38. U.K. Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 39. Italy Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 40. Russia Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 41. Asia Pacific Tissue Engineering Consumption and Growth Rate (K Units) Figure 42. Asia Pacific Tissue Engineering Consumption Market Share by Application in 2019 Figure 43. Asia Pacific Tissue Engineering Consumption Market Share by Regions in 2019 Figure 44. China Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 45. Japan Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 46. South Korea Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 47. India Tissue Engineering Consumption and Growth Rate (2015-2020) (K



Units)

Figure 48. Australia Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 49. Taiwan Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 50. Indonesia Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 51. Thailand Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 52. Malaysia Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 53. Philippines Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 54. Vietnam Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 55. Latin America Tissue Engineering Consumption and Growth Rate (K Units) Figure 56. Latin America Tissue Engineering Consumption Market Share by Application in 2019 Figure 57. Latin America Tissue Engineering Consumption Market Share by Countries in 2019 Figure 58. Mexico Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 59. Brazil Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 60. Argentina Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 61. Middle East and Africa Tissue Engineering Consumption and Growth Rate (K Units) Figure 62. Middle East and Africa Tissue Engineering Consumption Market Share by Application in 2019 Figure 63. Middle East and Africa Tissue Engineering Consumption Market Share by Countries in 2019 Figure 64. Turkey Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 65. Saudi Arabia Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 66. UAE Tissue Engineering Consumption and Growth Rate (2015-2020) (K Units) Figure 67. Global Tissue Engineering Production Market Share by Type (2015-2020)



Figure 68. Global Tissue Engineering Production Market Share by Type in 2019 Figure 69. Global Tissue Engineering Revenue Market Share by Type (2015-2020) Figure 70. Global Tissue Engineering Revenue Market Share by Type in 2019

Figure 71. Global Tissue Engineering Production Market Share Forecast by Type (2021-2026)

Figure 72. Global Tissue Engineering Revenue Market Share Forecast by Type (2021-2026)

Figure 73. Global Tissue Engineering Market Share by Price Range (2015-2020) Figure 74. Global Tissue Engineering Consumption Market Share by Application (2015-2020)

Figure 75. Global Tissue Engineering Value (Consumption) Market Share by Application (2015-2020)

Figure 76. Global Tissue Engineering Consumption Market Share Forecast by Application (2021-2026)

Figure 77. Allergan Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 78. Integra Lifesciences Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 79. C. R. Bard Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 80. Zimmer Biomet Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 81. Organogenesis Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 82. Osiris Therapeutics Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 83. Cryolife Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 84. ACell Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 85. Biocomposites Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 86. DSM Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 87. Episkin Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 88. J-TEC Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 89. Athersys Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 90. Biotime Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 91. B. Braun Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 92. International Stem Cell Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 93. Bio Tissue Technologies Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 94. Global Tissue Engineering Revenue Forecast by Regions (2021-2026) (US\$ Million)

Figure 95. Global Tissue Engineering Revenue Market Share Forecast by Regions ((2021-2026))

Figure 96. Global Tissue Engineering Production Forecast by Regions (2021-2026) (K Units)



Figure 97. North America Tissue Engineering Production Forecast (2021-2026) (K Units)

Figure 98. North America Tissue Engineering Revenue Forecast (2021-2026) (US\$ Million)

Figure 99. Europe Tissue Engineering Production Forecast (2021-2026) (K Units)

Figure 100. Europe Tissue Engineering Revenue Forecast (2021-2026) (US\$ Million)

Figure 101. China Tissue Engineering Production Forecast (2021-2026) (K Units)

Figure 102. China Tissue Engineering Revenue Forecast (2021-2026) (US\$ Million)

Figure 103. Japan Tissue Engineering Production Forecast (2021-2026) (K Units)

Figure 104. Japan Tissue Engineering Revenue Forecast (2021-2026) (US\$ Million)

Figure 105. Global Tissue Engineering Consumption Market Share Forecast by Region (2021-2026)

Figure 106. Tissue Engineering Value Chain

- Figure 107. Channels of Distribution
- Figure 108. Distributors Profiles

Figure 109. Porter's Five Forces Analysis

Figure 110. Bottom-up and Top-down Approaches for This Report

Figure 111. Data Triangulation

Figure 112. Key Executives Interviewed



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