

Global Surgical Cell Delivery Cannula Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G3AF250F0F9CEN.html>

Date: August 2026

Pages: 105

Price: US\$ 4,480.00 (Single User License)

ID: G3AF250F0F9CEN

Abstracts

The global Surgical Cell Delivery Cannula market size is expected to reach \$ 211 million by 2032, rising at a market growth of 18.0% CAGR during the forecast period (2026-2032).

Surgical cell delivery cannulas are specialized cannulas, needles, or delivery catheters used under open surgery, minimally invasive intervention, or image-guided procedures to place stem cells, iPSC-derived cells, immune cells, cell spheroids, or related biologics into target sites such as the brain, subretinal space, myocardium, spinal cord, and local soft tissue. Key requirements include small bore design, low dead volume, controlled flow, low shear stress, sterile single-use supply, and compatibility with syringes, pumps, microinjection systems, and navigation platforms, with an estimated gross margin of about 55%.

Demand is mainly driven by cell therapy pipelines for neurodegenerative diseases, inherited retinal disorders, heart failure repair, spinal cord injury, and musculoskeletal or soft tissue repair. As living cell therapies move from systemic infusion to precise local implantation, the delivery step has a greater impact on cell viability, dose retention, target coverage, and surgical safety, pushing cannulas from standard injection tools toward low-shear, low-dead-volume, visible, and flow-controlled designs.

The supply base combines ophthalmic microsurgery consumable manufacturers, neurosurgical navigation and delivery platform providers, and cardiovascular intervention catheter companies. Leading suppliers increasingly sell cannulas, catheters, microinjection kits, pump control modules, and navigation software as integrated solutions. Procurement decisions focus on gauge or diameter, tip design, dead volume, material compatibility, sterilization, regulatory documentation, and

compatibility with existing surgical systems.

Market opportunities are concentrated in cell and gene therapy indications that have entered clinical or commercial stages, especially in CNS, ophthalmology, and cardiac regenerative medicine. The sector still faces a long surgical learning curve, limited procedure volume per program, lengthy custom validation, and varied regulatory pathways, while suppliers with clinical evidence and platform compatibility are better positioned for high-value collaborations.

This report studies the global Surgical Cell Delivery Cannula production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Surgical Cell Delivery Cannula and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Surgical Cell Delivery Cannula that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Surgical Cell Delivery Cannula total production and demand, 2021-2032, (Units)
Global Surgical Cell Delivery Cannula total production value, 2021-2032, (USD Million)
Global Surgical Cell Delivery Cannula production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)
Global Surgical Cell Delivery Cannula consumption by region & country, CAGR, 2021-2032 & (Units)
U.S. VS China: Surgical Cell Delivery Cannula domestic production, consumption, key domestic manufacturers and share
Global Surgical Cell Delivery Cannula production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)
Global Surgical Cell Delivery Cannula production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)
Global Surgical Cell Delivery Cannula production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Surgical Cell Delivery Cannula market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ClearPoint Neuro, BioCardia,

MedOne Surgical, DORC, Altaviz, Mizuho, Japan Lifeline, Neurochase, Orbit Biomedical, Bausch + Lomb, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Surgical Cell Delivery Cannula market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Surgical Cell Delivery Cannula Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Surgical Cell Delivery Cannula Market, Segmentation by Type:

Intracerebral Delivery Cannula

Subretinal Delivery Cannula

Intramyocardial Delivery Catheter

Intraspinal Delivery Cannula

Local Tissue Injection Cannula

Other Delivery Cannula

Global Surgical Cell Delivery Cannula Market, Segmentation by Cannula Structure:

Straight Rigid Cannula

Curved or Angled Cannula

Flexible Tip Cannula

Extendable or Retractable Tip Cannula

Helical Needle Catheter

Multiport or Side-Opening Cannula

Global Surgical Cell Delivery Cannula Market, Segmentation by Specification Parameters:

38-41 Gauge Microcannula

23-27 Gauge Access Cannula

1-2 mm Stereotactic Cannula

Short Tip Length Cannula

Low Dead Volume Cannula

Custom Specification Cannula

Global Surgical Cell Delivery Cannula Market, Segmentation by Imaging and Navigation Compatibility:

Image-Guided Compatible Type

Stereotactic Frame-Compatible Type

Robotic Navigation-Compatible Type

Cardiac Mapping-Compatible Type

Manual Operation Type

Other Compatibility Type

Global Surgical Cell Delivery Cannula Market, Segmentation by Application:

Retinal Cell Therapy

CNS Cell Therapy

Cardiac Cell Therapy

Spinal Cord Cell Therapy

Musculoskeletal and Soft Tissue Repair

Preclinical Cell Delivery Studies

Companies Profiled:

ClearPoint Neuro

BioCardia

MedOne Surgical

DORC

Altaviz

Mizuho

Japan Lifeline

Neurochase

Orbit Biomedical

Bausch + Lomb

Key Questions Answered:

1. How big is the global Surgical Cell Delivery Cannula market?
2. What is the demand of the global Surgical Cell Delivery Cannula market?
3. What is the year over year growth of the global Surgical Cell Delivery Cannula market?
4. What is the production and production value of the global Surgical Cell Delivery Cannula market?
5. Who are the key producers in the global Surgical Cell Delivery Cannula market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Surgical Cell Delivery Cannula Introduction
- 1.2 World Surgical Cell Delivery Cannula Supply & Forecast
 - 1.2.1 World Surgical Cell Delivery Cannula Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Surgical Cell Delivery Cannula Production (2021-2032)
 - 1.2.3 World Surgical Cell Delivery Cannula Pricing Trends (2021-2032)
- 1.3 World Surgical Cell Delivery Cannula Production by Region (Based on Production Site)
 - 1.3.1 World Surgical Cell Delivery Cannula Production Value by Region (2021-2032)
 - 1.3.2 World Surgical Cell Delivery Cannula Production by Region (2021-2032)
 - 1.3.3 World Surgical Cell Delivery Cannula Average Price by Region (2021-2032)
 - 1.3.4 North America Surgical Cell Delivery Cannula Production (2021-2032)
 - 1.3.5 Europe Surgical Cell Delivery Cannula Production (2021-2032)
 - 1.3.6 China Surgical Cell Delivery Cannula Production (2021-2032)
 - 1.3.7 Japan Surgical Cell Delivery Cannula Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Surgical Cell Delivery Cannula Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Surgical Cell Delivery Cannula Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Surgical Cell Delivery Cannula Demand (2021-2032)
- 2.2 World Surgical Cell Delivery Cannula Consumption by Region
 - 2.2.1 World Surgical Cell Delivery Cannula Consumption by Region (2021-2026)
 - 2.2.2 World Surgical Cell Delivery Cannula Consumption Forecast by Region (2027-2032)
- 2.3 United States Surgical Cell Delivery Cannula Consumption (2021-2032)
- 2.4 China Surgical Cell Delivery Cannula Consumption (2021-2032)
- 2.5 Europe Surgical Cell Delivery Cannula Consumption (2021-2032)
- 2.6 Japan Surgical Cell Delivery Cannula Consumption (2021-2032)
- 2.7 South Korea Surgical Cell Delivery Cannula Consumption (2021-2032)
- 2.8 ASEAN Surgical Cell Delivery Cannula Consumption (2021-2032)
- 2.9 India Surgical Cell Delivery Cannula Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Surgical Cell Delivery Cannula Production Value by Manufacturer (2021-2026)
- 3.2 World Surgical Cell Delivery Cannula Production by Manufacturer (2021-2026)
- 3.3 World Surgical Cell Delivery Cannula Average Price by Manufacturer (2021-2026)
- 3.4 Surgical Cell Delivery Cannula Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Surgical Cell Delivery Cannula Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Surgical Cell Delivery Cannula in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Surgical Cell Delivery Cannula in 2025
- 3.6 Surgical Cell Delivery Cannula Market: Overall Company Footprint Analysis
 - 3.6.1 Surgical Cell Delivery Cannula Market: Region Footprint
 - 3.6.2 Surgical Cell Delivery Cannula Market: Company Product Type Footprint
 - 3.6.3 Surgical Cell Delivery Cannula Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Surgical Cell Delivery Cannula Production Value Comparison
 - 4.1.1 United States VS China: Surgical Cell Delivery Cannula Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Surgical Cell Delivery Cannula Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Surgical Cell Delivery Cannula Production Comparison
 - 4.2.1 United States VS China: Surgical Cell Delivery Cannula Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Surgical Cell Delivery Cannula Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Surgical Cell Delivery Cannula Consumption Comparison
 - 4.3.1 United States VS China: Surgical Cell Delivery Cannula Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Surgical Cell Delivery Cannula Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Surgical Cell Delivery Cannula Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Surgical Cell Delivery Cannula Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Surgical Cell Delivery Cannula Production Value (2021-2026)

4.4.3 United States Based Manufacturers Surgical Cell Delivery Cannula Production (2021-2026)

4.5 China Based Surgical Cell Delivery Cannula Manufacturers and Market Share

4.5.1 China Based Surgical Cell Delivery Cannula Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Surgical Cell Delivery Cannula Production Value (2021-2026)

4.5.3 China Based Manufacturers Surgical Cell Delivery Cannula Production (2021-2026)

4.6 Rest of World Based Surgical Cell Delivery Cannula Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Surgical Cell Delivery Cannula Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Surgical Cell Delivery Cannula Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Surgical Cell Delivery Cannula Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Surgical Cell Delivery Cannula Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Intracerebral Delivery Cannula

5.2.2 Subretinal Delivery Cannula

5.2.3 Intramyocardial Delivery Catheter

5.2.4 Intraspinal Delivery Cannula

5.2.5 Local Tissue Injection Cannula

5.2.6 Other Delivery Cannula

5.3 Market Segment by Type

5.3.1 World Surgical Cell Delivery Cannula Production by Type (2021-2032)

5.3.2 World Surgical Cell Delivery Cannula Production Value by Type (2021-2032)

5.3.3 World Surgical Cell Delivery Cannula Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY CANNULA STRUCTURE

6.1 World Surgical Cell Delivery Cannula Market Size Overview by Cannula Structure: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Cannula Structure

6.2.1 Straight Rigid Cannula

6.2.2 Curved or Angled Cannula

6.2.3 Flexible Tip Cannula

6.2.4 Extendable or Retractable Tip Cannula

6.2.5 Helical Needle Catheter

6.2.6 Multiport or Side-Opening Cannula

6.3 Market Segment by Cannula Structure

6.3.1 World Surgical Cell Delivery Cannula Production by Cannula Structure (2021-2032)

6.3.2 World Surgical Cell Delivery Cannula Production Value by Cannula Structure (2021-2032)

6.3.3 World Surgical Cell Delivery Cannula Average Price by Cannula Structure (2021-2032)

7 MARKET ANALYSIS BY SPECIFICATION PARAMETERS

7.1 World Surgical Cell Delivery Cannula Market Size Overview by Specification Parameters: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Specification Parameters

7.2.1 38-41 Gauge Microcannula

7.2.2 23-27 Gauge Access Cannula

7.2.3 1-2 mm Stereotactic Cannula

7.2.4 Short Tip Length Cannula

7.2.5 Low Dead Volume Cannula

7.2.6 Custom Specification Cannula

7.3 Market Segment by Specification Parameters

7.3.1 World Surgical Cell Delivery Cannula Production by Specification Parameters (2021-2032)

7.3.2 World Surgical Cell Delivery Cannula Production Value by Specification Parameters (2021-2032)

7.3.3 World Surgical Cell Delivery Cannula Average Price by Specification Parameters (2021-2032)

8 MARKET ANALYSIS BY IMAGING AND NAVIGATION COMPATIBILITY

8.1 World Surgical Cell Delivery Cannula Market Size Overview by Imaging and Navigation Compatibility: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Imaging and Navigation Compatibility

8.2.1 Image-Guided Compatible Type

8.2.2 Stereotactic Frame-Compatible Type

8.2.3 Robotic Navigation-Compatible Type

8.2.4 Cardiac Mapping-Compatible Type

8.2.5 Manual Operation Type

8.2.6 Other Compatibility Type

8.3 Market Segment by Imaging and Navigation Compatibility

8.3.1 World Surgical Cell Delivery Cannula Production by Imaging and Navigation Compatibility (2021-2032)

8.3.2 World Surgical Cell Delivery Cannula Production Value by Imaging and Navigation Compatibility (2021-2032)

8.3.3 World Surgical Cell Delivery Cannula Average Price by Imaging and Navigation Compatibility (2021-2032)

9 MARKET ANALYSIS BY APPLICATION

9.1 World Surgical Cell Delivery Cannula Market Size Overview by Application: 2021 VS 2025 VS 2032

9.2 Segment Introduction by Application

9.2.1 Retinal Cell Therapy

9.2.2 CNS Cell Therapy

9.2.3 Cardiac Cell Therapy

9.2.4 Spinal Cord Cell Therapy

9.2.5 Musculoskeletal and Soft Tissue Repair

9.2.6 Preclinical Cell Delivery Studies

9.3 Market Segment by Application

9.3.1 World Surgical Cell Delivery Cannula Production by Application (2021-2032)

9.3.2 World Surgical Cell Delivery Cannula Production Value by Application (2021-2032)

9.3.3 World Surgical Cell Delivery Cannula Average Price by Application (2021-2032)

10 COMPANY PROFILES

10.1 ClearPoint Neuro

- 10.1.1 ClearPoint Neuro Details
- 10.1.2 ClearPoint Neuro Major Business
- 10.1.3 ClearPoint Neuro Surgical Cell Delivery Cannula Product and Services
- 10.1.4 ClearPoint Neuro Surgical Cell Delivery Cannula Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 10.1.5 ClearPoint Neuro Recent Developments/Updates
- 10.1.6 ClearPoint Neuro Competitive Strengths & Weaknesses
- 10.2 BioCardia
 - 10.2.1 BioCardia Details
 - 10.2.2 BioCardia Major Business
 - 10.2.3 BioCardia Surgical Cell Delivery Cannula Product and Services
 - 10.2.4 BioCardia Surgical Cell Delivery Cannula Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.2.5 BioCardia Recent Developments/Updates
 - 10.2.6 BioCardia Competitive Strengths & Weaknesses
- 10.3 MedOne Surgical
 - 10.3.1 MedOne Surgical Details
 - 10.3.2 MedOne Surgical Major Business
 - 10.3.3 MedOne Surgical Surgical Cell Delivery Cannula Product and Services
 - 10.3.4 MedOne Surgical Surgical Cell Delivery Cannula Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.3.5 MedOne Surgical Recent Developments/Updates
 - 10.3.6 MedOne Surgical Competitive Strengths & Weaknesses
- 10.4 DORC
 - 10.4.1 DORC Details
 - 10.4.2 DORC Major Business
 - 10.4.3 DORC Surgical Cell Delivery Cannula Product and Services
 - 10.4.4 DORC Surgical Cell Delivery Cannula Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.4.5 DORC Recent Developments/Updates
 - 10.4.6 DORC Competitive Strengths & Weaknesses
- 10.5 Altaviz
 - 10.5.1 Altaviz Details
 - 10.5.2 Altaviz Major Business
 - 10.5.3 Altaviz Surgical Cell Delivery Cannula Product and Services
 - 10.5.4 Altaviz Surgical Cell Delivery Cannula Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.5.5 Altaviz Recent Developments/Updates
 - 10.5.6 Altaviz Competitive Strengths & Weaknesses

10.6 Mizuho

10.6.1 Mizuho Details

10.6.2 Mizuho Major Business

10.6.3 Mizuho Surgical Cell Delivery Cannula Product and Services

10.6.4 Mizuho Surgical Cell Delivery Cannula Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.6.5 Mizuho Recent Developments/Updates

10.6.6 Mizuho Competitive Strengths & Weaknesses

10.7 Japan Lifeline

10.7.1 Japan Lifeline Details

10.7.2 Japan Lifeline Major Business

10.7.3 Japan Lifeline Surgical Cell Delivery Cannula Product and Services

10.7.4 Japan Lifeline Surgical Cell Delivery Cannula Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.7.5 Japan Lifeline Recent Developments/Updates

10.7.6 Japan Lifeline Competitive Strengths & Weaknesses

10.8 Neurochase

10.8.1 Neurochase Details

10.8.2 Neurochase Major Business

10.8.3 Neurochase Surgical Cell Delivery Cannula Product and Services

10.8.4 Neurochase Surgical Cell Delivery Cannula Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.8.5 Neurochase Recent Developments/Updates

10.8.6 Neurochase Competitive Strengths & Weaknesses

10.9 Orbit Biomedical

10.9.1 Orbit Biomedical Details

10.9.2 Orbit Biomedical Major Business

10.9.3 Orbit Biomedical Surgical Cell Delivery Cannula Product and Services

10.9.4 Orbit Biomedical Surgical Cell Delivery Cannula Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.9.5 Orbit Biomedical Recent Developments/Updates

10.9.6 Orbit Biomedical Competitive Strengths & Weaknesses

10.10 Bausch + Lomb

10.10.1 Bausch + Lomb Details

10.10.2 Bausch + Lomb Major Business

10.10.3 Bausch + Lomb Surgical Cell Delivery Cannula Product and Services

10.10.4 Bausch + Lomb Surgical Cell Delivery Cannula Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.10.5 Bausch + Lomb Recent Developments/Updates

10.10.6 Bausch + Lomb Competitive Strengths & Weaknesses

11 INDUSTRY CHAIN ANALYSIS

11.1 Surgical Cell Delivery Cannula Industry Chain

11.2 Surgical Cell Delivery Cannula Upstream Analysis

11.2.1 Surgical Cell Delivery Cannula Core Raw Materials

11.2.2 Main Manufacturers of Surgical Cell Delivery Cannula Core Raw Materials

11.3 Midstream Analysis

11.4 Downstream Analysis

11.5 Surgical Cell Delivery Cannula Production Mode

11.6 Surgical Cell Delivery Cannula Procurement Model

11.7 Surgical Cell Delivery Cannula Industry Sales Model and Sales Channels

11.7.1 Surgical Cell Delivery Cannula Sales Model

11.7.2 Surgical Cell Delivery Cannula Typical Distributors

12 RESEARCH FINDINGS AND CONCLUSION

13 APPENDIX

13.1 Methodology

13.2 Research Process and Data Source

13.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Surgical Cell Delivery Cannula Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World Surgical Cell Delivery Cannula Production Value by Region (2021-2026) & (USD Million)
- Table 3. World Surgical Cell Delivery Cannula Production Value by Region (2027-2032) & (USD Million)
- Table 4. World Surgical Cell Delivery Cannula Production Value Market Share by Region (2021-2026)
- Table 5. World Surgical Cell Delivery Cannula Production Value Market Share by Region (2027-2032)
- Table 6. World Surgical Cell Delivery Cannula Production by Region (2021-2026) & (Units)
- Table 7. World Surgical Cell Delivery Cannula Production by Region (2027-2032) & (Units)
- Table 8. World Surgical Cell Delivery Cannula Production Market Share by Region (2021-2026)
- Table 9. World Surgical Cell Delivery Cannula Production Market Share by Region (2027-2032)
- Table 10. World Surgical Cell Delivery Cannula Average Price by Region (2021-2026) & (US\$/Unit)
- Table 11. World Surgical Cell Delivery Cannula Average Price by Region (2027-2032) & (US\$/Unit)
- Table 12. Surgical Cell Delivery Cannula Major Market Trends
- Table 13. World Surgical Cell Delivery Cannula Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)
- Table 14. World Surgical Cell Delivery Cannula Consumption by Region (2021-2026) & (Units)
- Table 15. World Surgical Cell Delivery Cannula Consumption Forecast by Region (2027-2032) & (Units)
- Table 16. World Surgical Cell Delivery Cannula Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key Surgical Cell Delivery Cannula Producers in 2025
- Table 18. World Surgical Cell Delivery Cannula Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key Surgical Cell Delivery Cannula Producers in 2025

Table 20. World Surgical Cell Delivery Cannula Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Surgical Cell Delivery Cannula Company Evaluation Quadrant

Table 22. World Surgical Cell Delivery Cannula Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Surgical Cell Delivery Cannula Production Site of Key Manufacturer

Table 24. Surgical Cell Delivery Cannula Market: Company Product Type Footprint

Table 25. Surgical Cell Delivery Cannula Market: Company Product Application Footprint

Table 26. Surgical Cell Delivery Cannula Competitive Factors

Table 27. Surgical Cell Delivery Cannula New Entrant and Capacity Expansion Plans

Table 28. Surgical Cell Delivery Cannula Mergers & Acquisitions Activity

Table 29. United States VS China Surgical Cell Delivery Cannula Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Surgical Cell Delivery Cannula Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China Surgical Cell Delivery Cannula Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based Surgical Cell Delivery Cannula Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Surgical Cell Delivery Cannula Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Surgical Cell Delivery Cannula Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Surgical Cell Delivery Cannula Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers Surgical Cell Delivery Cannula Production Market Share (2021-2026)

Table 37. China Based Surgical Cell Delivery Cannula Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Surgical Cell Delivery Cannula Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Surgical Cell Delivery Cannula Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Surgical Cell Delivery Cannula Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers Surgical Cell Delivery Cannula Production Market Share (2021-2026)

Table 42. Rest of World Based Surgical Cell Delivery Cannula Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Surgical Cell Delivery Cannula Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Surgical Cell Delivery Cannula Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Surgical Cell Delivery Cannula Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers Surgical Cell Delivery Cannula Production Market Share (2021-2026)

Table 47. World Surgical Cell Delivery Cannula Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Surgical Cell Delivery Cannula Production by Type (2021-2026) & (Units)

Table 49. World Surgical Cell Delivery Cannula Production by Type (2027-2032) & (Units)

Table 50. World Surgical Cell Delivery Cannula Production Value by Type (2021-2026) & (USD Million)

Table 51. World Surgical Cell Delivery Cannula Production Value by Type (2027-2032) & (USD Million)

Table 52. World Surgical Cell Delivery Cannula Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Surgical Cell Delivery Cannula Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Surgical Cell Delivery Cannula Production Value by Cannula Structure, (USD Million), 2021 & 2025 & 2032

Table 55. World Surgical Cell Delivery Cannula Production by Cannula Structure (2021-2026) & (Units)

Table 56. World Surgical Cell Delivery Cannula Production by Cannula Structure (2027-2032) & (Units)

Table 57. World Surgical Cell Delivery Cannula Production Value by Cannula Structure (2021-2026) & (USD Million)

Table 58. World Surgical Cell Delivery Cannula Production Value by Cannula Structure (2027-2032) & (USD Million)

Table 59. World Surgical Cell Delivery Cannula Average Price by Cannula Structure (2021-2026) & (US\$/Unit)

Table 60. World Surgical Cell Delivery Cannula Average Price by Cannula Structure

(2027-2032) & (US\$/Unit)

Table 61. World Surgical Cell Delivery Cannula Production Value by Specification Parameters, (USD Million), 2021 & 2025 & 2032

Table 62. World Surgical Cell Delivery Cannula Production by Specification Parameters (2021-2026) & (Units)

Table 63. World Surgical Cell Delivery Cannula Production by Specification Parameters (2027-2032) & (Units)

Table 64. World Surgical Cell Delivery Cannula Production Value by Specification Parameters (2021-2026) & (USD Million)

Table 65. World Surgical Cell Delivery Cannula Production Value by Specification Parameters (2027-2032) & (USD Million)

Table 66. World Surgical Cell Delivery Cannula Average Price by Specification Parameters (2021-2026) & (US\$/Unit)

Table 67. World Surgical Cell Delivery Cannula Average Price by Specification Parameters (2027-2032) & (US\$/Unit)

Table 68. World Surgical Cell Delivery Cannula Production Value by Imaging and Navigation Compatibility, (USD Million), 2021 & 2025 & 2032

Table 69. World Surgical Cell Delivery Cannula Production by Imaging and Navigation Compatibility (2021-2026) & (Units)

Table 70. World Surgical Cell Delivery Cannula Production by Imaging and Navigation Compatibility (2027-2032) & (Units)

Table 71. World Surgical Cell Delivery Cannula Production Value by Imaging and Navigation Compatibility (2021-2026) & (USD Million)

Table 72. World Surgical Cell Delivery Cannula Production Value by Imaging and Navigation Compatibility (2027-2032) & (USD Million)

Table 73. World Surgical Cell Delivery Cannula Average Price by Imaging and Navigation Compatibility (2021-2026) & (US\$/Unit)

Table 74. World Surgical Cell Delivery Cannula Average Price by Imaging and Navigation Compatibility (2027-2032) & (US\$/Unit)

Table 75. World Surgical Cell Delivery Cannula Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 76. World Surgical Cell Delivery Cannula Production by Application (2021-2026) & (Units)

Table 77. World Surgical Cell Delivery Cannula Production by Application (2027-2032) & (Units)

Table 78. World Surgical Cell Delivery Cannula Production Value by Application (2021-2026) & (USD Million)

Table 79. World Surgical Cell Delivery Cannula Production Value by Application (2027-2032) & (USD Million)

Table 80. World Surgical Cell Delivery Cannula Average Price by Application (2021-2026) & (US\$/Unit)
Table 81. World Surgical Cell Delivery Cannula Average Price by Application (2027-2032) & (US\$/Unit)
Table 82. ClearPoint Neuro Basic Information, Manufacturing Base and Competitors
Table 83. ClearPoint Neuro Major Business
Table 84. ClearPoint Neuro Surgical Cell Delivery Cannula Product and Services
Table 85. ClearPoint Neuro Surgical Cell Delivery Cannula Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 86. ClearPoint Neuro Recent Developments/Updates
Table 87. ClearPoint Neuro Competitive Strengths & Weaknesses
Table 88. BioCardia Basic Information, Manufacturing Base and Competitors
Table 89. BioCardia Major Business
Table 90. BioCardia Surgical Cell Delivery Cannula Product and Services
Table 91. BioCardia Surgical Cell Delivery Cannula Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 92. BioCardia Recent Developments/Updates
Table 93. BioCardia Competitive Strengths & Weaknesses
Table 94. MedOne Surgical Basic Information, Manufacturing Base and Competitors
Table 95. MedOne Surgical Major Business
Table 96. MedOne Surgical Surgical Cell Delivery Cannula Product and Services
Table 97. MedOne Surgical Surgical Cell Delivery Cannula Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 98. MedOne Surgical Recent Developments/Updates
Table 99. MedOne Surgical Competitive Strengths & Weaknesses
Table 100. DORC Basic Information, Manufacturing Base and Competitors
Table 101. DORC Major Business
Table 102. DORC Surgical Cell Delivery Cannula Product and Services
Table 103. DORC Surgical Cell Delivery Cannula Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 104. DORC Recent Developments/Updates
Table 105. DORC Competitive Strengths & Weaknesses
Table 106. Altaviz Basic Information, Manufacturing Base and Competitors
Table 107. Altaviz Major Business
Table 108. Altaviz Surgical Cell Delivery Cannula Product and Services
Table 109. Altaviz Surgical Cell Delivery Cannula Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 110.	Altaviz Recent Developments/Updates
Table 111.	Altaviz Competitive Strengths & Weaknesses
Table 112.	Mizuho Basic Information, Manufacturing Base and Competitors
Table 113.	Mizuho Major Business
Table 114.	Mizuho Surgical Cell Delivery Cannula Product and Services
Table 115.	Mizuho Surgical Cell Delivery Cannula Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 116.	Mizuho Recent Developments/Updates
Table 117.	Mizuho Competitive Strengths & Weaknesses
Table 118.	Japan Lifeline Basic Information, Manufacturing Base and Competitors
Table 119.	Japan Lifeline Major Business
Table 120.	Japan Lifeline Surgical Cell Delivery Cannula Product and Services
Table 121.	Japan Lifeline Surgical Cell Delivery Cannula Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 122.	Japan Lifeline Recent Developments/Updates
Table 123.	Japan Lifeline Competitive Strengths & Weaknesses
Table 124.	Neurochase Basic Information, Manufacturing Base and Competitors
Table 125.	Neurochase Major Business
Table 126.	Neurochase Surgical Cell Delivery Cannula Product and Services
Table 127.	Neurochase Surgical Cell Delivery Cannula Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 128.	Neurochase Recent Developments/Updates
Table 129.	Neurochase Competitive Strengths & Weaknesses
Table 130.	Orbit Biomedical Basic Information, Manufacturing Base and Competitors
Table 131.	Orbit Biomedical Major Business
Table 132.	Orbit Biomedical Surgical Cell Delivery Cannula Product and Services
Table 133.	Orbit Biomedical Surgical Cell Delivery Cannula Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 134.	Orbit Biomedical Recent Developments/Updates
Table 135.	Orbit Biomedical Competitive Strengths & Weaknesses
Table 136.	Bausch + Lomb Basic Information, Manufacturing Base and Competitors
Table 137.	Bausch + Lomb Major Business
Table 138.	Bausch + Lomb Surgical Cell Delivery Cannula Product and Services
Table 139.	Bausch + Lomb Surgical Cell Delivery Cannula Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 140. Bausch + Lomb Recent Developments/Updates

Table 141. Bausch + Lomb Competitive Strengths & Weaknesses

Table 142. Global Key Players of Surgical Cell Delivery Cannula Upstream (Raw Materials)

Table 143. Global Surgical Cell Delivery Cannula Typical Customers

Table 144. Surgical Cell Delivery Cannula Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Surgical Cell Delivery Cannula Picture

Figure 2. World Surgical Cell Delivery Cannula Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Surgical Cell Delivery Cannula Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Surgical Cell Delivery Cannula Production (2021-2032) & (Units)

Figure 5. World Surgical Cell Delivery Cannula Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Surgical Cell Delivery Cannula Production Value Market Share by Region (2021-2032)

Figure 7. World Surgical Cell Delivery Cannula Production Market Share by Region (2021-2032)

Figure 8. North America Surgical Cell Delivery Cannula Production (2021-2032) & (Units)

Figure 9. Europe Surgical Cell Delivery Cannula Production (2021-2032) & (Units)

Figure 10. China Surgical Cell Delivery Cannula Production (2021-2032) & (Units)

Figure 11. Japan Surgical Cell Delivery Cannula Production (2021-2032) & (Units)

Figure 12. Surgical Cell Delivery Cannula Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Surgical Cell Delivery Cannula Consumption (2021-2032) & (Units)

Figure 15. World Surgical Cell Delivery Cannula Consumption Market Share by Region (2021-2032)

Figure 16. United States Surgical Cell Delivery Cannula Consumption (2021-2032) & (Units)

Figure 17. China Surgical Cell Delivery Cannula Consumption (2021-2032) & (Units)

Figure 18. Europe Surgical Cell Delivery Cannula Consumption (2021-2032) & (Units)

Figure 19. Japan Surgical Cell Delivery Cannula Consumption (2021-2032) & (Units)

Figure 20. South Korea Surgical Cell Delivery Cannula Consumption (2021-2032) & (Units)

Figure 21. ASEAN Surgical Cell Delivery Cannula Consumption (2021-2032) & (Units)

Figure 22. India Surgical Cell Delivery Cannula Consumption (2021-2032) & (Units)

Figure 23. Producer Shipments of Surgical Cell Delivery Cannula by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Surgical Cell Delivery Cannula Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Surgical Cell Delivery

Cannula Markets in 2025

Figure 26. United States VS China: Surgical Cell Delivery Cannula Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Surgical Cell Delivery Cannula Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Surgical Cell Delivery Cannula Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Surgical Cell Delivery Cannula Production Market Share 2025

Figure 30. China Based Manufacturers Surgical Cell Delivery Cannula Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Surgical Cell Delivery Cannula Production Market Share 2025

Figure 32. World Surgical Cell Delivery Cannula Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Surgical Cell Delivery Cannula Production Value Market Share by Type in 2025

Figure 34. Intracerebral Delivery Cannula

Figure 35. Subretinal Delivery Cannula

Figure 36. Intramyocardial Delivery Catheter

Figure 37. Intraspinal Delivery Cannula

Figure 38. Local Tissue Injection Cannula

Figure 39. Other Delivery Cannula

Figure 40. World Surgical Cell Delivery Cannula Production Market Share by Type (2021-2032)

Figure 41. World Surgical Cell Delivery Cannula Production Value Market Share by Type (2021-2032)

Figure 42. World Surgical Cell Delivery Cannula Average Price by Type (2021-2032) & (US\$/Unit)

Figure 43. World Surgical Cell Delivery Cannula Production Value by Cannula Structure, (USD Million), 2021 & 2025 & 2032

Figure 44. World Surgical Cell Delivery Cannula Production Value Market Share by Cannula Structure in 2025

Figure 45. Straight Rigid Cannula

Figure 46. Curved or Angled Cannula

Figure 47. Flexible Tip Cannula

Figure 48. Extendable or Retractable Tip Cannula

Figure 49. Helical Needle Catheter

Figure 50. Multiport or Side-Opening Cannula

Figure 51. World Surgical Cell Delivery Cannula Production Market Share by Cannula Structure (2021-2032)

Figure 52. World Surgical Cell Delivery Cannula Production Value Market Share by Cannula Structure (2021-2032)

Figure 53. World Surgical Cell Delivery Cannula Average Price by Cannula Structure (2021-2032) & (US\$/Unit)

Figure 54. World Surgical Cell Delivery Cannula Production Value by Specification Parameters, (USD Million), 2021 & 2025 & 2032

Figure 55. World Surgical Cell Delivery Cannula Production Value Market Share by Specification Parameters in 2025

Figure 56. 38-41 Gauge Microcannula

Figure 57. 23-27 Gauge Access Cannula

Figure 58. 1-2 mm Stereotactic Cannula

Figure 59. Short Tip Length Cannula

Figure 60. Low Dead Volume Cannula

Figure 61. Custom Specification Cannula

Figure 62. World Surgical Cell Delivery Cannula Production Market Share by Specification Parameters (2021-2032)

Figure 63. World Surgical Cell Delivery Cannula Production Value Market Share by Specification Parameters (2021-2032)

Figure 64. World Surgical Cell Delivery Cannula Average Price by Specification Parameters (2021-2032) & (US\$/Unit)

Figure 65. World Surgical Cell Delivery Cannula Production Value by Imaging and Navigation Compatibility, (USD Million), 2021 & 2025 & 2032

Figure 66. World Surgical Cell Delivery Cannula Production Value Market Share by Imaging and Navigation Compatibility in 2025

Figure 67. Image-Guided Compatible Type

Figure 68. Stereotactic Frame-Compatible Type

Figure 69. Robotic Navigation-Compatible Type

Figure 70. Cardiac Mapping-Compatible Type

Figure 71. Manual Operation Type

Figure 72. Other Compatibility Type

Figure 73. World Surgical Cell Delivery Cannula Production Market Share by Imaging and Navigation Compatibility (2021-2032)

Figure 74. World Surgical Cell Delivery Cannula Production Value Market Share by Imaging and Navigation Compatibility (2021-2032)

Figure 75. World Surgical Cell Delivery Cannula Average Price by Imaging and Navigation Compatibility (2021-2032) & (US\$/Unit)

Figure 76. World Surgical Cell Delivery Cannula Production Value by Application, (USD

Million), 2021 & 2025 & 2032

Figure 77. World Surgical Cell Delivery Cannula Production Value Market Share by Application in 2025

Figure 78. Retinal Cell Therapy

Figure 79. CNS Cell Therapy

Figure 80. Cardiac Cell Therapy

Figure 81. Spinal Cord Cell Therapy

Figure 82. Musculoskeletal and Soft Tissue Repair

Figure 83. Preclinical Cell Delivery Studies

Figure 84. World Surgical Cell Delivery Cannula Production Market Share by Application (2021-2032)

Figure 85. World Surgical Cell Delivery Cannula Production Value Market Share by Application (2021-2032)

Figure 86. World Surgical Cell Delivery Cannula Average Price by Application (2021-2032) & (US\$/Unit)

Figure 87. Surgical Cell Delivery Cannula Industry Chain

Figure 88. Surgical Cell Delivery Cannula Procurement Model

Figure 89. Surgical Cell Delivery Cannula Sales Model

Figure 90. Surgical Cell Delivery Cannula Sales Channels, Direct Sales, and Distribution

Figure 91. Methodology

Figure 92. Research Process and Data Source

I would like to order

Product name: Global Surgical Cell Delivery Cannula Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G3AF250F0F9CEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3AF250F0F9CEN.html>