

North America Clinic Casting and Splinting Products Market Forecast to 2030 – Regional Analysis – by Product {Casting (Casts, Tapes, Cutters, and Casting Accessories) and Splinting (Splints and Splinting Accessories)}, Application (Acute Fractures or Sprains, Tendon and Ligament Injuries, and Others), and Material (Plaster of Paris, Fiberglass, and Others)

<https://marketpublishers.com/r/N3867658C200EN.html>

Date: November 2023

Pages: 0

Price: US\$ 3,000.00 (Single User License)

ID: N3867658C200EN

Abstracts

The North America clinic casting and splinting products market is expected to grow from US\$ 567.48 million in 2022 to US\$ 869.47 million by 2030. It is estimated to grow at a CAGR of 5.5% from 2022 to 2030.

Rising Prevalence of Musculoskeletal Conditions Fuels North America Clinic Casting and Splinting Products Market

According to the World Health Organization (WHO) musculoskeletal conditions are the leading cause of disability across the world, and low back pain is the single leading cause of disability in 160 countries. Musculoskeletal disorders ranked first in years lived with disability (YLDs) and sixth in disability-adjusted life-years (DALYs) globally in 2019. According to WHO, 1.71 billion people across the world had musculoskeletal conditions in 2021. According to a study titled “Global prevalence of musculoskeletal disorders among physiotherapists: a systematic review and meta-analysis” published in the National Library of Medicine, there has been an increase in the incidence of musculoskeletal diseases in the US.

Rheumatoid arthritis (RA), osteoarthritis (OA), low-back pain (LBP), and neck pain (NP) are a few common musculoskeletal conditions. According to an article published by

Springer Nature in 2023, rheumatoid arthritis, one of the main autoimmune rheumatic diseases, affects 14 million people worldwide. Joint pain is the most common reason for specialist referrals. Cast or splint is used in the management of various musculoskeletal conditions. To maximize benefits while minimizing complications, the use of casts and splints is generally limited to the short term. Thus, the rising incidence of musculoskeletal conditions is driving the growth of the North America clinic casting and splinting products market .

North America Clinic Casting and Splinting Products Market Overview

The North America clinic casting and splinting products market has been segmented into the US, Canada, and Mexico; being the major contributors to the market growth in this region. The North America casting and splinting market is growing because of the rising rates of osteoporosis and musculoskeletal injuries and increased rates of age-related orthopedic disorders brought on by the growing geriatric population. Furthermore, carefully thought-out reimbursement regulations enable access to pricey casting and splinting equipment, supporting market growth.

According to the United States Bone and Joint Initiative (USBJI), musculoskeletal diseases affect nearly three out of four people aged 65 and over and one in every two persons aged 18 and above in the US. According to Centers for Disease Control and Prevention (CDC), in 2019, 54.1 million US adults were 65 or older, representing 16% of the population. By 2040, the number of older adults is expected to reach 80.8 million. By 2060, it will reach 94.7 million, and older adults will make up nearly 25% of the US population. Orthopedic injuries are common in the aging population due to biological changes in older adults' bodies. As people grow older, their bone mineral density decreases. Musculoskeletal diseases are becoming a greater burden every year with the aging US population. One of the serious problems facing the elderly is fractures. Moreover, osteoporosis, a metabolic bone disease that causes reduced mineral density and quality of bone, is a significant health and economic burden in the US. Fractures can occur in any bone; however, hip and spine fractures are the most common, accounting for 42% of all osteoporotic fractures. More than 700,000 vertebral body compression fractures occur per year in the United States. In the US, one in two women over 50 have an osteoporosis-related bone break in their lifetime.

The management of a wide variety of musculoskeletal conditions requires the use of a cast or splint. Splints are noncircumferential immobilizers that accommodate swelling. This quality makes splints ideal for the management of a variety of acute musculoskeletal conditions in which swelling is anticipated, such as acute fractures or

sprains or initial stabilization of reduced, displaced, or unstable fractures before orthopedic intervention. Thus, the rising prevalence of musculoskeletal conditions and osteoporosis will boost the demand for casting and splinting products in the US.

North America Clinic Casting and Splinting Products Market Revenue and Forecast to 2030 (US\$ Million)

North America Clinic Casting and Splinting Products Market Segmentation

The North America clinic casting and splinting products market is segmented into product, application, material, and country.

Based on product, the North America clinic casting and splinting products market is segmented into casting and splinting. The casting segment held a larger share of the North America clinic casting and splinting products market in 2022. The casting is sub-segmented into casts, tapes, cutters, and casting accessories. The splinting segment is further segmented into splints and splinting accessories.

Based on application, the North America clinic casting and splinting products market is segmented into acute fractures or sprains, tendon and ligament injuries, and others. The acute fractures segment held the largest share of the North America clinic casting and splinting products market in 2022.

Based on material, the North America clinic casting and splinting products market is segmented into Plaster of Paris, fiberglass, and others. The Plaster of Paris segment held the largest share of the North America clinic casting and splinting products market in 2022.

Based on country, the North America clinic casting and splinting products market is segmented into the US, Canada, and Mexico. The US dominated the North America clinic casting and splinting products market in 2022.

3M Co, Corflex Inc, DeRoyal Industries Inc, Dynatronics Corporation, Enovis Corp, Essity AB, Ossur hf, Performance Health Holding Inc, and Zimmer Biomet Holdings Inc are some of the leading companies operating in the North America clinic casting and splinting products market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. NORTH AMERICA CLINIC CASTING AND SPLINTING PRODUCTS MARKET LANDSCAPE

- 4.1 Overview
- 4.2 PEST Analysis
 - 4.2.1 North America PEST Analysis
- 4.3 Ecosystem Analysis
 - 4.3.1 List of Vendors in the Value Chain

5. NORTH AMERICA CLINIC CASTING AND SPLINTING PRODUCTS MARKET - KEY INDUSTRY DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Rising Prevalence of Musculoskeletal Conditions
 - 5.1.2 High Prevalence of Age-Related Orthopedic Disorders
- 5.2 Key Market Restraints
 - 5.2.1 Complications Related to Casting and Splinting
- 5.3 Key Market Opportunities
 - 5.3.1 Advancements in 3D Technology in Casting and Splinting
- 5.4 Future Trends
 - 5.4.1 Rising Adoption of Fiberglass Material for Casting and Splinting
- 5.5 Impact Analysis

6. CLINIC CASTING AND SPLINTING PRODUCTS MARKET - NORTH AMERICA MARKET ANALYSIS

6.1 North America Clinic Casting and Splinting Products Market Revenue (US\$ Mn), 2022 – 2030

7. NORTH AMERICA CLINIC CASTING AND SPLINTING PRODUCTS MARKET – REVENUE AND FORECAST TO 2030 – BY PRODUCT

7.1 Overview

7.2 North America Clinic Casting and Splinting Products Market Revenue Share, by Product 2022 & 2030 (%)

7.3 Casting

7.3.1 Overview

7.3.2 Casting: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

7.3.2.1 Casts

7.3.2.1.1 Overview

7.3.2.1.2 Casts: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

7.3.2.2 Tapes

7.3.2.2.1 Overview

7.3.2.2.2 Tapes: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

7.3.2.3 Cutters

7.3.2.3.1 Overview

7.3.2.3.2 Cutters: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

7.3.2.4 Casting Accessories

7.3.2.4.1 Overview

7.3.2.4.2 Casting Accessories: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

7.4 Splinting

7.4.1 Overview

7.4.2 Splinting: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

7.4.2.1 Splints

7.4.2.1.1 Overview

7.4.2.1.2 Splints: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

7.4.2.2 Splinting Accessories

7.4.2.2.1 Overview

7.4.2.2.2 Splinting Accessories: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

8. NORTH AMERICA CLINIC CASTING AND SPLINTING PRODUCTS MARKET – REVENUE AND FORECAST TO 2030 – BY APPLICATION

8.1 Overview

8.2 North America Clinic Casting and Splinting Products Market Revenue Share, by Application 2022 & 2030 (%)

8.3 Acute Fracture or Sprains

8.3.1 Overview

8.3.2 Acute Fracture or Sprains: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

8.4 Tendon and Ligament Injuries

8.4.1 Overview

8.4.2 Tendon and Ligament Injuries: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

8.5 Others

8.5.1 Overview

8.5.2 Others: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

9. NORTH AMERICA CLINIC CASTING AND SPLINTING PRODUCTS MARKET – REVENUE AND FORECAST TO 2030 – BY MATERIAL

9.1 Overview

9.2 North America Clinic Casting and Splinting Products Market Revenue Share, by Material 2022 & 2030 (%)

9.3 Plaster of Paris

9.3.1 Overview

9.3.2 Plaster of Paris: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

9.4 Fiberglass

9.4.1 Overview

9.4.2 Fiberglass: North America Clinic Casting and Splinting Products Market –

Revenue and Forecast to 2030 (US\$ Million)

9.5 Others

9.5.1 Overview

9.5.2 Others: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

10. NORTH AMERICA CLINIC CASTING AND SPLINTING PRODUCTS MARKET – REVENUE AND FORECAST TO 2030 – COUNTRY ANALYSIS

10.1 North America Clinic Casting and Splinting Products Market

10.1.1 Overview

10.1.1.1 US: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.1.1.1 Overview

10.1.1.1.2 US: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.1.1.3 US: North America Clinic Casting and Splinting Products Market, by Product, 2020–2030 (US\$ Million)

10.1.1.1.3.1 US: North America Clinic Casting and Splinting Products Market, For Casting by Product, 2020–2030 (US\$ Million)

10.1.1.1.3.2 US: North America Clinic Casting and Splinting Products Market, For Splinting by Product, 2020–2030 (US\$ Million)

10.1.1.1.4 US: North America Clinic Casting and Splinting Products Market, by Application, 2020–2030 (US\$ Million)

10.1.1.1.5 US: North America Clinic Casting and Splinting Products Market, by Material, 2020–2030 (US\$ Million)

10.1.1.2 Canada: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.1.2.1 Overview

10.1.1.2.2 Canada: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.1.2.3 Canada: North America Clinic Casting and Splinting Products Market, by Product, 2020–2030 (US\$ Million)

10.1.1.2.3.1 Canada: North America Clinic Casting and Splinting Products Market, For Casting by Product, 2020–2030 (US\$ Million)

10.1.1.2.3.2 Canada: North America Clinic Casting and Splinting Products Market, For Splinting by Product, 2020–2030 (US\$ Million)

10.1.1.2.4 Canada: North America Clinic Casting and Splinting Products Market, by Application, 2020–2030 (US\$ Million)

10.1.1.2.5 Canada: North America Clinic Casting and Splinting Products Market, by Material, 2020–2030 (US\$ Million)

10.1.1.3 Mexico: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.1.3.1 Overview

10.1.1.3.2 Mexico: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

10.1.1.3.3 Mexico: North America Clinic Casting and Splinting Products Market, by Product, 2020–2030 (US\$ Million)

10.1.1.3.3.1 Mexico: North America Clinic Casting and Splinting Products Market, For Casting by Product, 2020–2030 (US\$ Million)

10.1.1.3.3.2 Mexico: North America Clinic Casting and Splinting Products Market, For Splinting by Product, 2020–2030 (US\$ Million)

10.1.1.3.4 Mexico: North America Clinic Casting and Splinting Products Market, by Application, 2020–2030 (US\$ Million)

10.1.1.3.5 Mexico: North America Clinic Casting and Splinting Products Market, by Material, 2020–2030 (US\$ Million)

11. NORTH AMERICA CLINIC CASTING AND SPLINTING PRODUCTS MARKET-INDUSTRY LANDSCAPE

11.1 Overview

11.2 Recent Growth Strategies

11.2.1 Overview

12. COMPANY PROFILES

12.1 DeRoyal Industries Inc

12.1.1 Key Facts

12.1.2 Business Description

12.1.3 Products and Services

12.1.4 Financial Overview

12.1.5 SWOT Analysis

12.1.6 Key Developments

12.2 3M Co

12.2.1 Key Facts

12.2.2 Business Description

12.2.3 Products and Services

12.2.4 Financial Overview

- 12.2.5 SWOT Analysis
- 12.2.6 Key Developments
- 12.3 Corflex Inc
 - 12.3.1 Key Facts
 - 12.3.2 Business Description
 - 12.3.3 Products and Services
 - 12.3.4 Financial Overview
 - 12.3.5 SWOT Analysis
 - 12.3.6 Key Developments
- 12.4 Essity AB
 - 12.4.1 Key Facts
 - 12.4.2 Business Description
 - 12.4.3 Products and Services
 - 12.4.4 Financial Overview
 - 12.4.5 SWOT Analysis
 - 12.4.6 Key Developments
- 12.5 Dynatronics Corporation
 - 12.5.1 Key Facts
 - 12.5.2 Business Description
 - 12.5.3 Products and Services
 - 12.5.4 Financial Overview
 - 12.5.5 SWOT Analysis
 - 12.5.6 Key Developments
- 12.6 Zimmer Biomet Holdings Inc
 - 12.6.1 Key Facts
 - 12.6.2 Business Description
 - 12.6.3 Products and Services
 - 12.6.4 Financial Overview
 - 12.6.5 SWOT Analysis
 - 12.6.6 Key Developments
- 12.7 Ossur hf
 - 12.7.1 Key Facts
 - 12.7.2 Business Description
 - 12.7.3 Products and Services
 - 12.7.4 Financial Overview
 - 12.7.5 SWOT Analysis
 - 12.7.6 Key Developments
- 12.8 Performance Health Holding Inc
 - 12.8.1 Key Facts

- 12.8.2 Business Description
- 12.8.3 Products and Services
- 12.8.4 Financial Overview
- 12.8.5 SWOT Analysis
- 12.8.6 Key Developments
- 12.9 Enovis Corp
 - 12.9.1 Key Facts
 - 12.9.2 Business Description
 - 12.9.3 Products and Services
 - 12.9.4 Financial Overview
 - 12.9.5 SWOT Analysis
 - 12.9.6 Key Developments

13. APPENDIX

- 13.1 About Us
- 13.2 Glossary of Terms

List Of Tables

LIST OF TABLES

Table 1. North America Clinic Casting and Splinting Products Market Segmentation

Table 2. List of Vendors

Table 3. US North America Clinic Casting and Splinting Products Market, by Product – Revenue and Forecast to 2030 (US\$ Million)

Table 4. US North America Clinic Casting and Splinting Products Market, For Casting by Product – Revenue and Forecast to 2030 (US\$ Million)

Table 5. US North America Clinic Casting and Splinting Products Market, For Splinting by Product – Revenue and Forecast to 2030 (US\$ Million)

Table 6. US North America Clinic Casting and Splinting Products Market, by Application – Revenue and Forecast to 2030 (US\$ Million)

Table 7. US North America Clinic Casting and Splinting Products Market, by Material – Revenue and Forecast to 2030 (US\$ Million)

Table 8. Canada North America Clinic Casting and Splinting Products Market, by Product – Revenue and Forecast to 2030 (US\$ Million)

Table 9. Canada North America Clinic Casting and Splinting Products Market, For Casting by Product – Revenue and Forecast to 2030 (US\$ Million)

Table 10. Canada North America Clinic Casting and Splinting Products Market, For Splinting by Product – Revenue and Forecast to 2030 (US\$ Million)

Table 11. Canada North America Clinic Casting and Splinting Products Market, by Application – Revenue and Forecast to 2030 (US\$ Million)

Table 12. Canada North America Clinic Casting and Splinting Products Market, by Material – Revenue and Forecast to 2030 (US\$ Million)

Table 13. Mexico North America Clinic Casting and Splinting Products Market, by Product – Revenue and Forecast to 2030 (US\$ Million)

Table 14. Mexico North America Clinic Casting and Splinting Products Market, For Casting by Product – Revenue and Forecast to 2030 (US\$ Million)

Table 15. Mexico North America Clinic Casting and Splinting Products Market, For Splinting by Product – Revenue and Forecast to 2030 (US\$ Million)

Table 16. Mexico North America Clinic Casting and Splinting Products Market, by Application – Revenue and Forecast to 2030 (US\$ Million)

Table 17. Mexico North America Clinic Casting and Splinting Products Market, by Material – Revenue and Forecast to 2030 (US\$ Million)

Table 18. Recent Growth Strategies in Clinic Casting and Splinting Products Market

Table 19. Glossary of Terms, Digital Thoracic Drainage Devices Market

List Of Figures

LIST OF FIGURES

Figure 1. North America Clinic Casting and Splinting Products Market Segmentation, By Country

Figure 2. North America - PEST Analysis

Figure 3. North America Clinic Casting and Splinting Products Market: Key Industry Dynamics

Figure 4. North America Clinic Casting and Splinting Products Market: Impact Analysis of Drivers and Restraints

Figure 5. North America Clinic Casting and Splinting Products Market Revenue (US\$ Mn), 2020 – 2030

Figure 6. North America Clinic Casting and Splinting Products Market Revenue Share, by Product 2022 & 2030 (%)

Figure 7. Casting: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 8. Casts: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 9. Tapes: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 10. Cutters: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 11. Casting Accessories: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 12. Splinting: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 13. Splints: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 14. Splinting Accessories: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 15. North America Clinic Casting and Splinting Products Market Revenue Share, by Application 2022 & 2030 (%)

Figure 16. Acute Fracture or Sprains: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 17. Tendon and Ligament Injuries: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 18. Others: North America Clinic Casting and Splinting Products Market –

Revenue and Forecast to 2030 (US\$ Million)

Figure 19. North America Clinic Casting and Splinting Products Market Revenue Share, by Material 2022 & 2030 (%)

Figure 20. Plaster of Paris: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 21. Fiberglass: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 22. Others: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 23. North America: North America Clinic Casting and Splinting Products Market, by Key Country – Revenue (2022) (US\$ Million)

Figure 24. North America: North America Clinic Casting and Splinting Products Market, by Country, 2022 & 2030 (%)

Figure 25. US: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 26. Canada: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 27. Mexico: North America Clinic Casting and Splinting Products Market – Revenue and Forecast to 2030 (US\$ Million)

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