

# **Femoral Canal Brush Market By Usage (Cleaning, Debride) , By Application (Bone Cement, Hip Replacement, Joint Replacement, Others) By End User (Hospitals, Ambulatory Surgical Centers, Others) : Global Opportunity Analysis and Industry Forecast, 2024-2033**

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## **Abstracts**

The femoral canal brush market was valued at \$350.1 million in 2023, and is projected to reach \$484.9 million by 2033, growing at a CAGR of 3.3% from 2024 to 2033.

A femoral canal brush is a specialized surgical tool used in orthopedic procedures, particularly during joint replacement surgeries. It is designed to clean and prepare the femoral canal—the hollow space within the femur (thigh bone)—by removing loose bone debris, fat, and other soft tissue residues. This preparation ensures proper cementing and fixation of the prosthetic components, promoting long-term stability and reducing the risk of complications like implant loosening.

The global femoral canal brush market is witnessing robust growth due to factors such as alarming rise in prevalence of joint disorders such as osteoarthritis, rheumatoid arthritis, and trauma-related joint injuries and increase in number of orthopedic surgeries worldwide. As per a 2022 study published by the World Health Organization, approximately 528 million individuals worldwide were suffering from osteoarthritis in 2019. This highlights the urgent need for surgical tools like femoral canal brushes. In addition, surge in geriatric population acts as a key driving force of the global market. This is attributed to the fact that with the global aging population growing rapidly, the demand for hip and knee replacements is on the rise. A 2024 study published by the World Health Organization revealed that the number of aged individuals will increase

from 1 billion in 2020 to 1.4 billion by 2030. Moreover, the number of individuals aging 80 years and older is estimated to reach 426 million by 2050. Furthermore, rapid development of healthcare infrastructure in emerging economies, such as India, Brazil, and China, has increased access to orthopedic surgeries, supporting the growth of the femoral canal brush market. Post-operative infections remain a critical concern in orthopedic procedures. Femoral canal brushes play a key role in reducing the risk of infections by ensuring a clean surgical site, thereby further driving their demand. However, high cost of femoral canal brushes and other surgical instruments can be a barrier, particularly in emerging markets and regions with limited healthcare budgets. In addition, rise of non-invasive or minimally invasive surgical procedures, which might not require femoral canal brushes, could impact their demand, thus hampering the market growth. On the contrary, innovations in materials and design, such as biocompatible and durable bristles, have enhanced the efficiency of femoral canal brushes. This has driven their adoption in orthopedic procedures, which is expected to offer remunerative opportunities for the expansion of the global market during the forecast period.

The global femoral canal brush market size is segmented into usage, application, end user, and region. On the basis of the usage, the market is bifurcated into cleaning and debride. By application, it is classified into bone cement, hip replacement, joint replacement, and others. Depending on end user, it is divided into hospitals, ambulatory surgical centers, and others. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

## Key Findings

By usage, the cleaning segment is expected to dominate the market from 2024 to 2033.

On the basis of application, the bone cement segment is anticipated to exhibit the highest growth rate during the forecast period.

Depending on end user, the hospitals segment is projected to lead the femoral canal brush market in the upcoming years.

Region wise, North America is likely to emerge as the most lucrative market for femoral canal brushes throughout the forecast period.

## Competition Analysis

The major players operating in the global femoral canal brush market include Stryker

Corporation, B. Braun SE, Becton, Dickinson and Company , Advanced Medical Systems Limited, McKesson Medical-Surgical Inc., Judd Medical Limited , Zimmer Biomet, Smith & Nephew, Tecres S.p.A., and Edwards Lifesciences Corporation. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships to sustain the intense competition and gain a strong foothold in the global market.

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Key player details (including location, contact details, supplier/vendor network etc. in excel format)

## Key Market Segments

### By Usage

Cleaning

Debride

### By Application

Bone Cement

Hip Replacement

Joint Replacement

Others

### By End User

Hospitals

Ambulatory Surgical Centers

Others

## By Region

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Spain

Rest of Europe

Asia-Pacific

Japan

China

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

Key Market Players

Stryker Corporation

B. Braun SE

Becton, Dickinson and Company

Advanced Medical Systems Limited

McKesson Medical-Surgical Inc.

Judd Medical Limited

Zimmer Biomet

Smith & Nephew

Tecres S.p.A.

Edwards Lifesciences Corporation

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