

# **Ureteral Access Sheath Market Size, Share, & Trends Analysis Report By Product Type (Standard (Single-Lumen), Reinforced, Dual?Lumen), By Clinical Indication (Stone Management), By Age Group, By Size, By End Use (Hospitals, Specialty Clinics, Diagnostic Centers), And Segment Forecasts, 2026 - 2033**

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## **Abstracts**

The global ureteral access sheath market size was valued at USD 609.56 million in 2025 and is projected to reach USD 1,068.85 million by 2033, growing at a CAGR of 7.18% from 2026 to 2033. The ureteral access sheath market is primarily driven by the rising prevalence of urolithiasis and other urological disorders, which have increased the volume of ureteroscopy procedures globally.

The growing adoption of minimally invasive surgeries, coupled with technological advancements that improve procedural efficiency, safety, and reduce operative time, is further accelerating market growth. According to the National Kidney Foundation, more than 500,000 people visit emergency rooms each year due to kidney stones, highlighting the significant clinical burden of the condition. In nearly 1 in 10 individuals, a kidney stone is expected to develop at some point during their lifetime. The rising prevalence of urolithiasis is a key driver of growth in the ureteral access sheath market, as increasing stone cases directly increase the number of ureteroscopic procedures. Ureteral access sheaths are essential in stone management, enabling efficient scope exchanges and improved intrarenal pressure control. As kidney stone incidence continues to grow due to lifestyle and dietary changes, demand for advanced ureteral access devices is expected to increase significantly. According to the

National Kidney Foundation, in 2025, approximately 1 in 10 people have experienced a kidney stone at some point in their lives. The condition is slightly more common among men, with about 11 out of every 100 affected, compared to around 9 out of every 100 women.

The growing adoption of minimally invasive urological procedures is a key driver of the ureteral access sheath market, as these procedures depend on safe, efficient ureteral access. Procedures such as ureteroscopy, retrograde intrarenal surgery (RIRS), and laser lithotripsy use access sheaths to facilitate smooth instrument exchange and improve intrarenal pressure control. The shift toward shorter hospital stays, reduced complications, and faster recovery continues to accelerate demand for ureteral access sheaths.

For instance, a 2025 study published in the Journal of Urological Surgery compared the impact of multiple sessions of retrograde intrarenal surgery (RIRS) with single-access conventional percutaneous nephrolithotomy (PCNL) on acute kidney injury (AKI) in patients with nephrolithiasis. The retrospective analysis included patients who underwent multiple RIRS procedures within three months in the same renal unit and those who received single-access PCNL between January 2018 and December 2023.

### Global Ureteral Access Sheath Market Report Segmentation

This report forecasts revenue growth at country levels and provides an analysis on the latest industry trends and opportunities in each of the sub-segments from 2021 to 2033. For the purpose of this study, Grand View Research has segmented the ureteral access sheath market report on the basis of product type, size, age group, clinical indication, end use and region:

Product Type Outlook (Revenue, USD Million, 2021 - 2033)

Standard (Single-Lumen)

Reinforced

Dual Lumen

Size Outlook (Revenue, USD Million, 2021 - 2033)

## Contents

### CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation and Scope
- 1.2. Segment Definitions
  - 1.2.1. Product Type
  - 1.2.2. Size
  - 1.2.3. Clinical Indication
  - 1.2.4. Age Group
  - 1.2.5. End Use
  - 1.2.6. Regional scope
  - 1.2.7. Estimates and forecasts timeline
- 1.3. Research Methodology
- 1.4. Information Procurement
  - 1.4.1. Purchased database
  - 1.4.2. GVR's internal database
  - 1.4.3. Secondary sources
  - 1.4.4. Primary research
  - 1.4.5. Details of primary research
- 1.5. Information or Data Analysis
  - 1.5.1. Data analysis models
- 1.6. Market Formulation & Validation
- 1.7. Model Details
  - 1.7.1. Commodity flow analysis (Model 1)
  - 1.7.2. Approach 1: Commodity flow approach
  - 1.7.3. Volume price analysis (Model 2)
  - 1.7.4. Approach 2: Volume price analysis
- 1.8. List of Secondary Sources
- 1.9. List of Primary Sources
- 1.10. Objectives

### CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Outlook
- 2.3. Regional outlook
- 2.4. Competitive Insights

## **CHAPTER 3. URETERAL ACCESS SHEATH MARKET VARIABLES, TRENDS & SCOPE**

### 3.1. Market Lineage Outlook

- 3.1.1. Parent Market Outlook
- 3.1.2. Related/ancillary market outlook

### 3.2. Market Dynamics

#### 3.2.1. Market Driver Analysis

- 3.2.1.1. Rising prevalence of urolithiasis
- 3.2.1.2. Growing adoption of minimally invasive urological procedures
- 3.2.1.3. Technological advancements
- 3.2.1.4. Increasing procedural volumes in outpatient and ambulatory surgical centers

#### 3.2.2. Market Restraint Analysis

- 3.2.2.1. High cost of advanced ureteral access sheaths
- 3.2.2.2. Availability of alternative techniques

#### 3.2.3. Market Opportunity Analysis

- 3.2.3.1. Expanding healthcare infrastructure in emerging economies
- 3.2.3.2. Growing adoption of advanced design
- 3.2.3.3. Shift toward single-use and disposable devices

#### 3.2.4. Market Challenge Analysis

- 3.2.4.1. Regulatory and quality compliance requirements
- 3.2.4.2. Pricing pressure from hospitals and group purchasing organizations

### 3.3. Ureteral Access Sheath Market Analysis Tools

#### 3.3.1. Industry Analysis - Porter's

- 3.3.1.1. Bargaining power of suppliers
- 3.3.1.2. Bargaining power of buyers
- 3.3.1.3. Threat of substitutes
- 3.3.1.4. Threat of new entrants
- 3.3.1.5. Competitive rivalry

#### 3.3.2. PESTEL Analysis

- 3.3.2.1. Political landscape
- 3.3.2.2. Economic landscape
- 3.3.2.3. Social landscape
- 3.3.2.4. Technological landscape
- 3.3.2.5. Environmental landscape
- 3.3.2.6. Legal landscape

## **CHAPTER 4. URETERAL ACCESS SHEATH MARKET: PRODUCT TYPE ESTIMATES & TREND ANALYSIS**

- 4.1. Segment Dashboard
- 4.2. Ureteral Access Sheath Market: Product Type Movement Analysis
- 4.3. Ureteral Access Sheath Market by Product Type Outlook (USD Million)
- 4.4. Market Size & Forecasts and Trend Analyses, 2021 to 2033 for the following
- 4.5. Standard (Single-Lumen)
  - 4.5.1. Standard (Single-Lumen) Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)
- 4.6. Reinforced
  - 4.6.1. Reinforced Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)
- 4.7. Dual?Lumen
  - 4.7.1. Dual?Lumen Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

## **CHAPTER 5. URETERAL ACCESS SHEATH MARKET: SIZE ESTIMATES & TREND ANALYSIS**

- 5.1. Segment Dashboard
- 5.2. Ureteral Access Sheath Market: Size Movement Analysis
- 5.3. Ureteral Access Sheath Market by Size Outlook (USD Million)
- 5.4. Market Size & Forecasts and Trend Analyses, 2021 to 2033 for the following
- 5.5.

## List Of Tables

### LIST OF TABLES

Table 1. List of secondary sources

Table 2. List of abbreviations

Table 3. North America ureteral access sheath, by country, 2021 - 2033 (USD Million)

Table 4. North America ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 5. North America ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 6. North America ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 7. North America ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 8. U.S. ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 9. North America ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 10. U.S. ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 11. U.S. ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 12. U.S. ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 13. U.S. ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 14. Canada ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 15. Canada ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 16. Canada ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 17. Canada ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 18. Canada ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 19. Mexico ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 20. Mexico ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 21. Mexico ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 22. Mexico ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 23. Mexico ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 24. Europe ureteral access sheath, by country, 2021 - 2033 (USD Million)

Table 25. Europe ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 26. Europe ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 27. Europe ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 28. Europe ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 29. Europe ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

- Table 30. UK ureteral access sheath, by product type, 2021 - 2033 (USD Million)
- Table 31. UK ureteral access sheath, by size, 2021 - 2033 (USD Million)
- Table 32. UK ureteral access sheath, by age group, 2021 - 2033 (USD Million)
- Table 33. UK ureteral access sheath, by end use, 2021 - 2033 (USD Million)
- Table 34. UK ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)
- Table 35. Germany ureteral access sheath, by product type, 2021 - 2033 (USD Million)
- Table 36. Germany ureteral access sheath, by size, 2021 - 2033 (USD Million)
- Table 37. Germany ureteral access sheath, by age group, 2021 - 2033 (USD Million)
- Table 38. Germany ureteral access sheath, by end use, 2021 - 2033 (USD Million)
- Table 39. Germany ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)
- Table 40. France ureteral access sheath, by product type, 2021 - 2033 (USD Million)
- Table 41. France ureteral access sheath, by size, 2021 - 2033 (USD Million)
- Table 42. France ureteral access sheath, by age group, 2021 - 2033 (USD Million)
- Table 43. France ureteral access sheath, by end use, 2021 - 2033 (USD Million)
- Table 44. France ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)
- Table 45. Italy ureteral access sheath, by product type, 2021 - 2033 (USD Million)
- Table 46. Italy ureteral access sheath, by size, 2021 - 2033 (USD Million)
- Table 47. Italy ureteral access sheath, by age group, 2021 - 2033 (USD Million)
- Table 48. Italy ureteral access sheath, by end use, 2021 - 2033 (USD Million)
- Table 49. Italy ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)
- Table 50. Spain ureteral access sheath, by product type, 2021 - 2033 (USD Million)
- Table 51. Spain ureteral access sheath, by size, 2021 - 2033 (USD Million)
- Table 52. Spain ureteral access sheath, by age group, 2021 - 2033 (USD Million)
- Table 53. Spain ureteral access sheath, by end use, 2021 - 2033 (USD Million)
- Table 54. Spain ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)
- Table 55. Denmark ureteral access sheath, by product type, 2021 - 2033 (USD Million)
- Table 56. Denmark ureteral access sheath, by size, 2021 - 2033 (USD Million)
- Table 57. Denmark ureteral access sheath, by age group, 2021 - 2033 (USD Million)
- Table 58. Denmark ureteral access sheath, by end use, 2021 - 2033 (USD Million)
- Table 59. Denmark ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)
- Table 60. Sweden ureteral access sheath, by product type, 2021 - 2033 (USD Million)
- Table 61. Sweden ureteral access sheath, by size, 2021 - 2033 (USD Million)
- Table 62. Sweden ureteral access sheath, by age group, 2021 - 2033 (USD Million)
- Table 63. Sweden ureteral access sheath, by end use, 2021 - 2033 (USD Million)
- Table 64. Sweden ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 65. Norway ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 66. Norway ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 67. Norway ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 68. Norway ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 69. Norway ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 70. Asia Pacific ureteral access sheath, by country, 2021 - 2033 (USD Million)

Table 71. Asia Pacific ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 72. Asia Pacific ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 73. Asia Pacific ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 74. Asia Pacific ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 75. Asia Pacific ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 76. China ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 77. China ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 78. China ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 79. China ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 80. China ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 81. Japan ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 82. Japan ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 83. Japan ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 84. Japan ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 85. Japan ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 86. India ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 87. India ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 88. India ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 89. India ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 90. India ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 91. South Korea ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 92. South Korea ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 93. South Korea ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 94. South Korea ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 95. South Korea ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 96. Australia ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 97. Australia ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 98. Australia ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 99. Australia ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 100. Australia ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 101. Thailand ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 102. Thailand ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 103. Thailand ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 104. Thailand ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 105. Thailand ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 106. Latin America ureteral access sheath, by country, 2021 - 2033 (USD Million)

Table 107. Latin America ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 108. Latin America ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 109. Latin America ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 110. Latin America ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 111. Latin America ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 112. Brazil ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 113. Brazil ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 114. Brazil ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 115. Brazil ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 116. Brazil ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 117. Argentina ureteral access sheath, by product type, 2021 - 2033 (USD Million)

Table 118. Argentina ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 119. Argentina ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 120. Argentina ureteral access sheath, by end use, 2021 - 2033 (USD Million)

Table 121. Argentina ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

Table 122. Middle East & Africa ureteral access sheath, by country, 2021 - 2033 (USD Million)

Table 123. Middle East & Africa ureteral access sheath, by size, 2021 - 2033 (USD Million)

Table 124. Middle East & Africa ureteral access sheath, by age group, 2021 - 2033 (USD Million)

Table 125. Middle East & Africa ureteral access sheath, by product type, 2021 - 2033 (USD Million)

- Table 126. Middle East & Africa ureteral access sheath, by end use, 2021 - 2033 (USD Million)
- Table 127. Middle East & Africa ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)
- Table 128. South Africa ureteral access sheath, by product type, 2021 - 2033 (USD Million)
- Table 129. South Africa ureteral access sheath, by size, 2021 - 2033 (USD Million)
- Table 130. South Africa ureteral access sheath, by age group, 2021 - 2033 (USD Million)
- Table 131. South Africa ureteral access sheath, by end use, 2021 - 2033 (USD Million)
- Table 132. South Africa ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)
- Table 133. Saudi Arabia ureteral access sheath, by product type, 2021 - 2033 (USD Million)
- Table 134. Saudi Arabia ureteral access sheath, by size, 2021 - 2033 (USD Million)
- Table 135. Saudi Arabia ureteral access sheath, by age group, 2021 - 2033 (USD Million)
- Table 136. Saudi Arabia ureteral access sheath, by end use, 2021 - 2033 (USD Million)
- Table 137. Saudi Arabia ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)
- Table 138. UAE ureteral access sheath, by product type, 2021 - 2033 (USD Million)
- Table 139. UAE ureteral access sheath, by size, 2021 - 2033 (USD Million)
- Table 140. UAE ureteral access sheath, by age group, 2021 - 2033 (USD Million)
- Table 141. UAE ureteral access sheath, by end use, 2021 - 2033 (USD Million)
- Table 142. UAE ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)
- Table 143. Kuwait ureteral access sheath, by product type, 2021 - 2033 (USD Million)
- Table 144. Kuwait ureteral access sheath, by size, 2021 - 2033 (USD Million)
- Table 145. Kuwait ureteral access sheath, by age group, 2021 - 2033 (USD Million)
- Table 146. Kuwait ureteral access sheath, by end use, 2021 - 2033 (USD Million)
- Table 147. Kuwait ureteral access sheath, by clinical indication, 2021 - 2033 (USD Million)

## List Of Figures

### LIST OF FIGURES

- Fig 1. Information Procurement
- Fig 2. Primary Research Pattern
- Fig 3. Market Research Approaches
- Fig 4. Value Chain-Based Sizing & Forecasting
- Fig 5. Market Formulation & Validation
- Fig 6. Ureteral Access Sheath Market Segmentation
- Fig 7. Market Driver Analysis (Current & Future Impact)
- Fig 8. Market Restraint Analysis (Current & Future Impact)
- Fig 9. Swot Analysis, By Factor (Political & Legal, Economic And Technological)
- Fig 10. Porter's Five Forces Analysis
- Fig 11. Ureteral Access Sheath Market, Product Type Outlook Key Takeaways (USD Million)
- Fig 12. Ureteral Access Sheath Market, Product Type Movement Analysis, 2025 & 2033 (USD Million)
- Fig 13. Standard (Single-Lumen) Market Revenue Estimates And Forecasts, 2021 - 2033 (USD Million)
- Fig 14. Reinforced Market Revenue Estimates And Forecasts, 2021 - 2033 (USD Million)
- Fig 15. Dual-Lumen Market Revenue Estimates And Forecasts, 2021 - 2033 (USD Million)
- Fig 16. Ureteral Access Sheath Market, Size Outlook Key Takeaways (USD Million)
- Fig 17. Ureteral Access Sheath Market Size Movement Analysis, 2025 & 2033 (USD Million)
- Fig 18.

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