

Intrathecal Pumps Market Size, Share & Trends Analysis Report By Type (Baclofen, Morphine, Clonidine), By Application (Pain, Spasticity), By Region (North America, APAC), And Segment Forecasts, 2022 - 2030

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Abstracts

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Intrathecal Pumps Market Growth & Trends

The global intrathecal pumps market size is estimated to reach USD 513.3 million by 2030, registering a CAGR of 5.2% over the forecast years, according to a new report by Grand View Research, Inc. The increasing demand for advanced intrathecal pumps for rapid delivery of medications into the spinal cord for faster pain relief is expected to boost the industry's growth during the forecast period. The advantages associated with intrathecal pumps are anticipated to augment the industry growth. Medications, such as opioids, when given through an intrathecal pain pump give superior pain relief as well as reduce side effects. Also, a small amount of medication is required in pain pumps as compared to the amount of medication taken in pill form, thereby increasing its preference among individuals.

The drug delivery therapy systems offer numerous benefits, such as effective pain relief, high patient satisfaction, reduced side effects compared to oral medication, and reduced use of pain medication. In addition, this treatment is effective and safe when used as directed and can be customized by varying the dosage as per need. Hence, rising demand for targeted drug delivery systems is expected to boost industry growth. The complications associated with the intrathecal catheter are creating hindrance in the industry growth. Occlusion, lacerations, and disconnection of the catheter cause a

sudden cessation of intrathecal drug administration due to intrathecal catheter failure. Also, the majority of drug delivery device-related adverse events occurred due to the failure of the intrathecal catheter.

Intrathecal Pumps Market Report Highlights

The morphine type segment held the largest revenue share in 2021 as intrathecal morphine receives analgesic effect at a lower dose with less systematic side effects as compared to large dose oral opioids

The pain application segment is expected to grow at the fastest CAGR during the forecast period

This is owing to the development of advanced intrathecal pumps having enhanced efficiency in treating pain-related disorders

North America accounted for the largest revenue share in 2021 and is projected to maintain its dominant position throughout the forecast years

This is attributed to the high prevalence of chronic back pain and increased R&D expenditure in countries, such as the U.S. and Canada

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