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Description:

General Report Contents

- Market Analyses include: Unit Sales, ASPs, Market Value & Growth Trends
- Market Drivers & Limiters for each chapter segment
- Competitive Analysis for each chapter segment
- Section on recent mergers & acquisitions

Interbody (IB) devices are designed to replace the intervertebral discs of the spine, which enhances stability in the region and promotes fusion between the two vertebral bodies. These devices are threaded, allowing them to be used in conjunction with bone graft material. Over time, the packed graft is gradually replaced by natural bone, forming a solid piece. IB fusion procedures typically add a posterior fixation device to the associated level. These procedures are often referred to as 360° fusions, as surgeons will implant interbody devices from an anterior approach and flip the patient over to implant a posterior pedicle screw device. This combination increases the fusion success rate over an interbody fusion device implantation without the addition of fixation devices.

Interbody devices, which are sometimes referred to as interbody cages, vary widely. There are multiple ways of classifying them. In terms of design, interbody devices come as cages or spacers, each varying in size, and shape. For the purpose of this report, interbody devices are segmented by surgical approach and material. Surgical approaches for IB devices include: anterior, posterior, transforaminal, lateral and cervical interbody fusion (ALIF, PLIF, TLIF, LLIF and CIF). IB devices segmented by material include: polyetheretherketone (PEEK), metal or machined bone. Both material and surgical approaches are segmented within each other. For example, in the ALIF market, there are three sub-markets pertaining to PEEK, metal and machined bone. Similarly, the PEEK segment is sub-segmented into ALIF, PLIF, TLIF, or cervical.

Spinal fusion is a surgical procedure designed to combine two or more vertebrae together, eventually forming a fused bone. It is primarily used for eliminating or significantly reducing the pain caused by abnormal movement of the vertebrae by immobilizing them. Supplemental bone tissue, either autograft or allograft, is used for promoting bone growth. A union of two vertebral bodies is referred to as a single-level fusion. Fusion is accomplished by using either an instrumented or non-instrumented surgical approach. Instrumented fusions incorporate fixation devices to secure and stabilize the fusion site, and interbody devices are used for filling the intervertebral disc space to enhance and promote fusion. Non-instrumented fusions utilize bone tissue to promote growth, but do not incorporate any implant devices into the procedures.

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Medtronic

DePuy Synthes

Orthofix

Zimmer Biomet

Stryker

Merit Medical

Globus Medical

Spinal Kinetic

DJO

NuVasive

Paradigm Spine

Ulrich Medical

Aesculap Inc.

Alphatec Spine

Optimed

K2M

Cook Medical

Others include: Acuña y Fombona, Amedica, Anatomica, Argomedical, A-Spine, AxioMed, Benvenue Medical, Biorthex, BK Meditech, BMK, Centinel Spine, coLigne, Cousin Biotech, Covision Orthopaedics, Depromed, Dio Medical, Eden Spine, EIT, Eurospine, Exactech, FH Orthopedics, Fradis Medical, Genesis Tech, GS Medical, iMedicom, Interventional Spine, JMT, Joimax, Joline, Kisco International, LfC, Life Spine, Medacta, Medicrea, Medyssey, Neuro France Implants, Orthogèse, OrtoWay, OSD, Osseon, Osteon, OTIS Biotech, Peter Brehm, Privelop, Providence Medical Technology, QSpine, Ranier Technology, Rontis Medical, RTI Surgical, Safe Orthopaedics, S14 Implants, Seawon Meditech, SIGNUS Medizintechnik, Simperica Spine, Sintea Plustek, Solco Biomedical, SpineArt, SpineVision, Synimed, Taeyeon Medical, Tecres, Teknimed, Tsunami Medical, Ulrich Medical, Vertebral Technologies Inc., VertiFlex, Vexim, etc.

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