

Supply Chain Presentation

MedTech Precision Plastics Organization - Surgery

Medtech Overview

Materials

Medical Grade Resins – A Supply Chain Perspective

MedTech Precision Plastics Organization – Surgery Resins



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Cardiovascular

Addressing one of the largest unmet needs in healthcare

MedTech Innovation:



VARIPULSE™ Platform



Dual Energy THERMOCOOL
SMARTTOUCH™ SF Catheter



Shockwave Intravascular
Lithotripsy System



Impella® Heart
Pump Technology



OMNYPULSE™
Catheter

Surgery

Advancing the science of surgery and pioneering what's next

MedTech Innovation:



ETHICON™ 4000
Surgical Stapler



OTTAVA™
Robotic
Surgical
System

Vision

Developing transformational innovations to improve the health of patients' eyes

MedTech Innovation:



ACUVUE® OASYS 1-Day Family



TECNIS Odyssey™

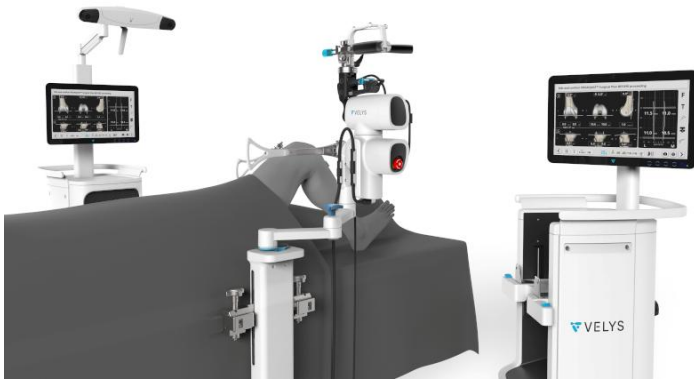


TECNIS PureSee™

Medtech (Continued)

Orthopedics

DePuy Synthes, the Orthopaedics Company of Johnson & Johnson, provides one of the most comprehensive Orthopaedics portfolios in the world that helps heal and restore movement for the millions of patients we serve. DePuy Synthes solutions, in specialties including **joint reconstruction, trauma, craniomaxillofacial, spinal surgery and sports medicine, in addition to the VELYS™ Digital Surgery portfolio**, are designed to advance patient care while delivering clinical and economic value to health care systems worldwide.



Materials

Polyetherimide (PEI) Thermoplastic Polyetherane (TPU) Thermoplastic Elastomers (TPE) Polyphenylene Oxide (PPO)

Acrylonitrile Butadiene Styrene (ABS) High density polyethylene (HDPE)

Acetal Acylic Glass UHMWPE Polymethyl Methacrylate (PMMA)

Polyphenylene Ether (PPE) Nylon/66 Polyetheretherketone (PEEK)

Polystyrene (PS) Polycarbonate (PC) Silicone Polypropylene

Carbon fiber Polyphthalamide (PPA) Liquid crystal polymers (LCP) Polyisoprene

Polyurethane (PU) Silicone hydrogel Polyether block amide (PEBA)

Copolyester Polysulfone (PSU) Polyamide (PA) Thermoplastic Vulcanizate (TPVs)

Polyphenylsulfone (PPSU) Polybutylene Terephthalate (PBT)

Poly Lactide Other Elastomers

Medical Grade Resins – A Supply Chain Perspective

Mitigate risks **enhancing**
value to J&J

Medical Grade resins need substantial protection from potential events

Notification

- At least 24 months notification of change
- Opportunity for last time buy
- Formulation lock and nomenclature

Supply Chain Reliability

- Annual raw material risk reviews
- Proactive measures to reduce high risk materials
- Proper inventory levels in place

Strategic Partnership

- Cost competitiveness
- Innovation
- Supply contracts in place
- Wholistic account management
- Technical support and service