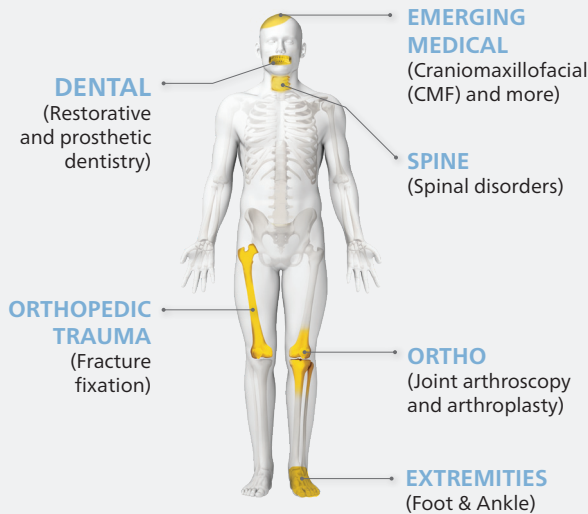


OVERVIEW

PEEK-OPTIMA™ Polymers for a non-metal solution

With a modulus similar to bone, stress shielding can be minimized and bone healing stimulated



Clinical history

Invibio continually drives innovation of medical devices that have a direct positive impact on patient quality of life

500+ PEEK-OPTIMA Devices FDA Cleared in the US Alone

~9M PEEK-OPTIMA Devices Implanted Worldwide

20+ Years of Clinical History

CREATING MARKETS

Meeting the needs of medical device manufacturers, Healthcare Professionals and patients

Invibio, a proven partner that can add value to all stages of a medical device product lifecycle

Pre-launch



MARKET RESEARCH TO DETERMINE THE CHALLENGES



IMPACT ON HEALTH ECONOMICS FOR PEEK-OPTIMA POLYMER POTENTIAL ECONOMIC OUTCOMES



DEVELOP MATERIALS AND COMPONENTS USING MULTIPLE APPROACHES



PERFORMANCE VALIDATION TO DEFINE PERFORMANCE CRITERIA AND ADDRESS RISK

Launch and beyond



REGULATORY SUPPORT AND EDUCATION WITH GLOBAL TRUSTED RELATIONSHIPS



KOL ENGAGEMENT FOR EDUCATIONAL ACTIVITIES



CLINICAL EVIDENCE PROGRAMS TO DEVELOP EVIDENCE-BASED MEDICINE FOR PEEK-OPTIMA POLYMER DEVICES



CLINICAL RELATIONS FOR COMMERCIAL SUPPORT

CLINICAL EVIDENCE

Potential clinical benefits

PEEK-OPTIMA polymers have the potential to deliver improved patient outcomes and reduced costs

- ▶ **Spine Solutions** - Higher fusion, lower subsidence rates compared to titanium¹⁻⁴

Cervical Fusion Outcomes			
Titanium	vs.	PEEK-OPTIMA Natural	
47-93%	FUSION RATE	88-100%	
16-20%	SUBSIDENCE RATE	0-14%	

- ▶ **Trauma Solutions** - Higher union rates without hardware failure⁵

Distal Femur Outcomes in High Risk Patients			
Stainless Steel Plate	vs.	Carbon Fiber PEEK Plate	
18%	COMPLICATIONS (Hardware Failures)	0%	
64%	PATIENT OUTCOME (Bone Union)	91%	

- ▶ **Dental Solutions** - Superior biomechanical performance and higher patient quality of life⁶

Full Arch Implant Supported Prosthetics Outcomes			
Titanium	vs.	JUVORA™	
10%	PERI-IMPLANTITIS	1%	
89-95%	IMPLANT SURVIVAL	99%	

- ▶ **Craniofacial Solutions** - Higher brain function improvement and lower reoperation rates compared to titanium⁷

Cranioplasty Outcomes			
Titanium	vs.	PEEK-OPTIMA Natural	
10%	PATIENT REOPERATION	1.3%	
10.9%	BRAIN FUNCTION IMPROVEMENT	25.3%	



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