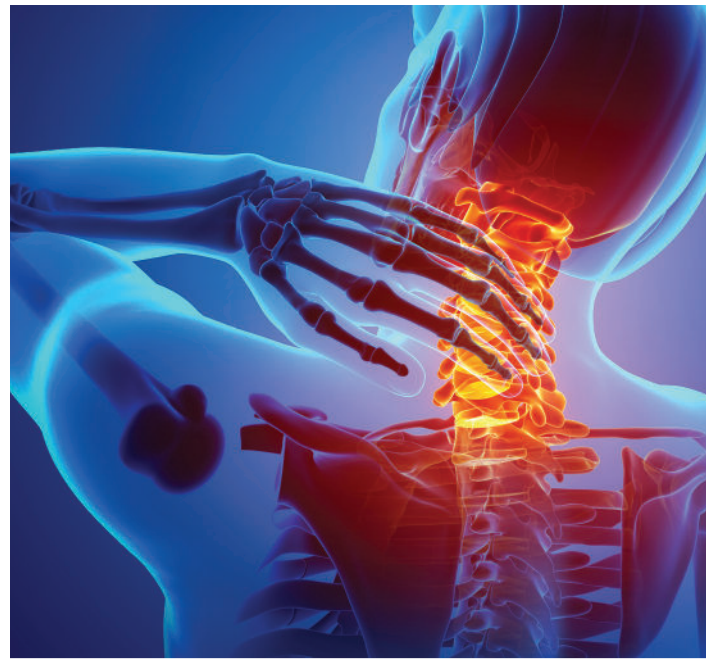


10+ YEARS OF EXPERIENCE.
170,000+ SPINAL DISC
IMPLANTS MADE.

Trust Viant's Orthopedic Implant and Coatings Center of Excellence for your motion preservation spinal implant program.




Motion Preservation Spinal Disc Implants are Complex

Fabricating motion preservation spinal disc implants is very different from manufacturing traditional spinal implants like rods, plates, or screws. The fabrication process is highly complex, requiring advanced materials expertise, precise manufacturing capabilities, and exceptional quality control. At Viant, we have everything it takes to manufacture these complex devices including fabrication from raw materials to logistics support, to get them into surgeons' hands.

V I A N T ' S C H A U M O N T , F R A N C E F A C I L I T Y

ORTHO IMPLANT & COATING CENTER OF EXCELLENCE

 **106K** Sq. ft.

 **3.5K+** Sq. ft. Clean Room and Controlled Environment

 **33** CNC Mill and Lathe Machines

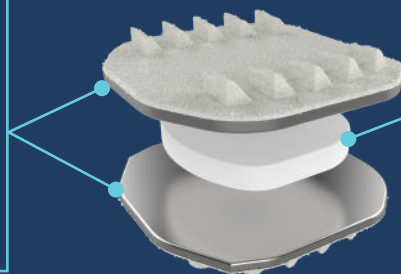
 **5** Plasma Torch Coating Machines

 **12MM+** Implants Manufactured

 **98%+** On Time Delivery

Machining & polishing of top & bottom endplates
Generally metal

Coating of top & bottom endplates
HA and/or titanium



Machining & polishing of core / insert
Generally polymer such as UHMWPE or PEEK

Machining of insertion cartridge
Generally polymer such as PEEK



Vertical Integration Speeds Time to Market

Our Chaumont facility is highly vertically integrated, with full capabilities to handle your project from start to finish. Partnering with a single-source supplier drives:

- Reduced time to market
- Reduced manufacturing lead time
- Greater control over processes & quality
- Supply chain simplification
- Elimination of unnecessary costs
- Risk mitigation

MACHINING
TURNING
MILLING
POLISHING

LASER
MARKING
CLEANING
COATING

ASSEMBLY
LABELING
STERILE
PACKAGING

STERILIZATION
MANAGEMENT

MICROBIOLOGICAL
TESTING

LOGISTICS

Decades of Experience

Our Center of Excellence for Orthopedic Implants and Coatings in Chaumont, France, leverages decades of experience:

30+ years manufacturing orthopedic implants

- 12 million+ implants manufactured

10+ years manufacturing motion preservation spinal implants

- 170,000+ spinal motion preservation disc implants

15+ years of coating experience

- 8 million+ implants coated

Materials expertise

- Metals (stainless steel, titanium & more)
- UHMWPE (ultra-high-molecular-weight polyethylene)
- PEEK (polyether ether ketone)

Our dedicated engineering team has a deep understanding of orthopedic applications, years of technical expertise, and a strong customer focus to support each project. We have the flexibility and scale to support a range of programs, from tiny startups to the world's largest orthopedic companies. After a recent expansion, we have immediate capacity available, plus room to grow your program.

Best-In-Class Quality for Consistent Performance

With unmatched orthopedic implant manufacturing experience, Viant delivers best-in-class quality for consistent spinal implant performance. Our Chaumont facility boasts a negligible 0.025% complaint rate for 2020, and a recent external audit highlighted our "mature, high-quality performance system." We also offer short lead times, 98%+ on-time delivery and vendor-managed inventory.

Critical Characteristic	How We Deliver
Full range of motion of the implant	<ul style="list-style-type: none"> • High-precision machining and automated processes ensure tight tolerances and a high level of repeatability • Coordinated measuring machine (CMM) conducts over 50-point inspection of critical implant dimensions • Camera inspection system assesses geometrical conformity to ensure full range of motion
Robust and reliable performance over time	<ul style="list-style-type: none"> • High level of mechanical and manual polishing expertise to deliver mirror-like surface polishing, which maintains motion in multiple planes and reduces friction and risk of premature deterioration
Optimal osseointegration	<ul style="list-style-type: none"> • Fully automated plasma spray torch process for single or double coating layer (titanium and hydroxyapatite), with ultraprecise specifications for thickness, roughness, and porosity to create optimal conditions for osseointegration
Ease of use for surgeons	<ul style="list-style-type: none"> • High level of tolerance control to ensure proper fit and assembly for ease of insertion and optimal device performance
Implant grade cleanliness & longevity	<ul style="list-style-type: none"> • Validated ultrasonic cleaning process to eliminate residual particles and ISO Class 8 cleanroom final inspection and packaging • Management of stringent sterilization tolerances to ensure effectiveness without degradation of the mixed material components