# DESIGN AND ENGINEERING SERVICES FOR THE ORTHOPEDIC INSTRUMENTATION INDUSTRY



# NO LIMIT TO ORTHOPEDIC INNOVATION



LED BY ONE OF THE MOST EXPERT AND EXPERIENCED ENGINERING TEAM IN THE ORTHOPEDIC INSTRUMENTATION DESIGN, IN'TECH MEDICAL ENGINEERING



SERVICES GREATLY REDUCE TIME TO MARKET, WHILE MAINTAINING WORLD-CLASS PRODUCT QUALITY.

### A unique expertise in the orthopedic instrumentation design and manufacturability

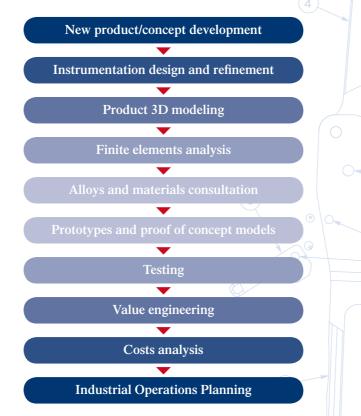
As a leading global contract manufacturer, In'Tech Medical has developed unmatched experience and exclusive knowledge of manufacturability constraints and design challenges in the orthopedic industry.

This expertise is constantly updated, with in-depth collaboration with hip, spine, knee, sports medicine and trauma surgeons and professionals.

In'Tech Medical Engineering Services enable orthopedic designers and marketers to rapidly develop complex instrumentation, maximize the cost-efficiency of any instrument project and guarantee a seamless transfer to manufacturing.

### A comprehensive design process

In'Tech Medical Engineering Services can benefit any stage of the development plan, from brainstorming concepts and feasibility studies to detailed design for manufacturability and assembly, instrument testing, industrial validation and transfer.



## A genuine multidisciplinary approach, to speed up your time to market

In'Tech Medical Engineering Services focus on speeding up the instrument design and development process.

Each project is managed by a multifaceted team of experts in the orthopedic instrumentation field:

- Design
- Analysis
- Testing
- Manufacturability
  Quality Assurance (ISO 13485,
   ISO 9000 :2000,
   FDA registration)

Operations
 Supply-chain management

This genuine multidisciplinary approach allows for the early integration of quality management and manufacturing matters, that dramatically accelerates the development process.

## State-of-the-art technical skills

With more than 150 000 complex instruments produced each year for the most requiring players of the industry, In'Tech Medical Engineering completely masters the technologies involved in instrumentation manufacturing. These exceptional technical skills help your projects rapidly translate into sound and efficient industrial and technological choices.

## Hands-on engineering and design



With state-of-the-art facilities devoted to orthopedic instrumentation production in Europe and the USA, In'Tech Medical Engineering team benefits from exceptional industrial resources, that allow to develop a « hands on » design process, that quickly translates any concept into prototypes and industrial programs.

This rapid transfer from concept to industry also allows for thorough testing:

- Biocompatibility testing
- Failure analysis
- Materials analysis
- Packaging testing
- Aging studies
- Sterility testing
- Tolerance studies
- Corrosion testing
- Fatigue analysis
- Sterilization and autoclave testing



HE GROWING MARKET OF ORTHOPEDIC SURGERY IS IN CONSTANT NEED FOR INNOVATIONS AND NEW INSTRU-MENTATION.

IN'TECH MEDICAL OFFERS ORTHO-PEDIC DESIGNERS AND MARKETERS A COMPLETE RANGE OF ENGINEE-RING SERVICES SOLELY FOCUSED ON ORTHOPEDIC INSTRUMENTATION, TO DEVELOP WORLD-CLASS QUALITY PRODUCTS, SPEED UP TIME TO MARKET AND MAXIMIZE RETURN ON INVESTMENT.





FDA registered (961 15 79)

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