



Where medical devices come to life.SM

Instruments and Implants for Orthopaedic and Spine

Precision. It's as necessary on the manufacturing floor as it is in the operating room.

Whether you need a complex component or a complete, finished device, you can depend on Tegra Medical's decades of orthopaedic expertise and unparalleled skill at keeping the sharp parts of your instrument sharp throughout the manufacturing process.

EXPERT PRODUCT DEVELOPMENT

The path for your device can begin with Design for Manufacture and Assembly (DFMA) and prototyping, which are part of our dedicated GENESIS Tech Center® product development services. We will then handle full production including final device assembly and packaging. Our rapid response time ensures you can turn prototypes into products quickly and get your orthopaedic instruments and implants to market sooner.

FAST, FLEXIBLE MANUFACTURING

The orthopaedic marketplace is ever changing. So if you need to start by manufacturing a conservative number of sets and then ramp up later, that's fine with us. We are prepared to scale our operations to match your changing requirements.

Got a big product launch on the horizon? No problem. Our manufacturing facilities are ready with state-of-the-art equipment and skilled machinists who know how to get your job done when you want it. We invest aggressively in capacity expansion to keep pace with our customers' growing demands.

ORTHOPAEDIC EXPERIENCE

Tegra Medical has been serving the orthopaedic community for more than two decades. Whether it's instruments to support a new spine fixation system or a minimally invasive instrument for the shoulder, we have the know-how you're looking for.

- Spine
- Arthroscopy
- Extremities
- Trauma
- Total joint reconstruction
- Sports medicine

The devices we manufacture include, for example:

- Reusable, implant-specific instruments for spine, reconstructive and trauma surgeries.
- Suturing devices for meniscus and rotator cuff repair.
- Titanium implants for spine and trauma surgeries.
- Metal shafts and drivers for suturing devices and anchor placement, such as those used in arthroscopic shoulder and knee surgeries.
- PEEK-OPTIMA® polymer based implants for spine surgeries.
- Needles and cannula for drug and biomaterial delivery systems.
- External fixation systems for trauma procedures.



EXPERTISE

You can let Tegra Medical handle your complete manufacturing process from start to finish. We've got it covered — from our dedicated prototyping operations to our state-of-the-art machining centers and final assembly and finishing operations.

Some of our capabilities that are especially geared to manufacturing orthopaedic devices include:

- Swiss-style machining
- Laser cutting and welding
- Electrical discharge machining
- Electropolishing
- Process validations
- Needle pointing
- Insert and injection molding, including PEEK
- CNC milling and turning
- Gundrilling
- Precision grinding
- Passivation
- Electrochemical machining
- Nitinol shape setting
- Cleanroom molding, insert molding, assembly and packaging

QUALITY

The quality of Tegra Medical's orthopaedic manufacturing services is well established in the orthopaedic industry. We've implemented robust quality procedures and cGMP practices to satisfy all quality requirements and customer specifications. To ensure the highest levels of quality for your orthopaedic, spine and sports medicine devices, we:

- Deploy lean manufacturing/Six Sigma principles to eliminate waste and remove variation from our manufacturing processes.
- Validate special processes to ensure repeatability, minimize inspection time and reduce cost.
- Certify to ISO 13485:2003 standards, comply with FDA's Quality System Regulations (QSR) and are registered with the FDA as a contract manufacturer.
- Train our employees so that we continuously improve critical skill sets and integrate a quality discipline into everything we do.

Tegra Medical® is an end-to-end contract manufacturer of medical devices. From the "business end" to the handle and everything in between, we manufacture the whole device, then finish, assemble and package. Tegra Medical - Where medical devices come to life.

BOSTON

MEMPHIS

COSTA RICA

"Where medical devices come to life." is a trademark and Tegra Medical and GENESIS Tech Center are registered trademarks of Tegra Medical. PEEK-OPTIMA is a registered trademark of Invibio Ltd. T-REC-0105 rev3 12/2017
Copyright © 2018 Tegra Medical. All rights reserved. A member of SFS

