

Dental

Precision-crafted dental components engineered for performance. Trusted by global OEMs for innovation, quality, and compliance.

Kalyani Medcomp specializes in high-precision machining and manufacturing services for dental components, catering to Original Equipment Manufacturers (OEMs). Our advanced manufacturing techniques deliver reliable solutions for dental implantation, combining cutting-edge technology with deep manufacturing expertise to meet the most demanding clinical and regulatory standards.

Our Dental Manufacturing Capabilities Include:

- Dental Implants
- **Prosthetic Solutions:** Abutments, gingival formers, impression components, and screws
- **Orthodontic Products:** Brackets and molar tubes

Our quality systems are fully aligned with ISO 13485, FDA 21 CFR Part 820, and other international regulatory frameworks—ensuring every product meets the highest standards of safety, precision, and performance.

Our Dental Product Offerings

We manufacture a broad range of high-performance dental components designed to support implantology, orthodontics, and prosthetic applications. Our offerings include:

Dental Implants

At Kalyani Medcomp, we understand that every dental implant represents a new beginning—a chance for patients to smile with confidence. We specialize in contract manufacturing of high-quality dental implants and components for global OEMs.

Our strength lies in combining advanced technology with deep manufacturing expertise to produce parts that meet the most demanding clinical and regulatory standards. From implants to abutments, every component is crafted with extreme precision using:





- ✓ Precision Machining
- ✓ Metal Injection Molding (MIM)
- ✓ 3D Printing Technologies

All capabilities are housed under one roof, offering flexibility, speed, and complete control over quality.

As part of the globally recognized Kalyani Group, we bring a rich engineering legacy to the medical field—ensuring consistent performance, reliable supply chains, and a partnership you can trust.

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Prosthetic Solutions

As a trusted partner to global dental OEMs, we integrate advanced manufacturing technologies, material science, and precision craftsmanship to deliver prosthetic solutions that perform, last longer, and fit perfectly.

We specialize in the production of high-quality dental prosthetics, including:

- ✓ Gingival formers
- ✓ Impression components
- ✓ Crowns and bridges
- ✓ Abutments and bars
- ✓ Full-arch structures

Every product is manufactured with meticulous attention to detail—because in dentistry, precision is everything.

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Orthodontic Products

We manufacture high-quality orthodontic components that help your brand deliver better smiles to patients worldwide.

Using our advanced **Metal Injection Molding (MIM)** technology, we produce a full range of orthodontic products, including:

- ✓ Brackets
- ✓ Molar tubes
- ✓ Crimpable hooks

From concept to finished product, we support your journey with speed, precision, and confidence.

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Our integrated systems support both scalable micro assembly production and high-complexity parts manufacturing—making us the ideal dental implant production partner for forward-thinking OEMs. We don't just manufacture; we co-engineer success with every client.

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CONTACT US FOR SUPPORT
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Kalyani Medicomp is a global contract manufacturer delivering precision-engineered medical components for orthopedic, dental, and surgical applications.



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Orthopedics

Engineered for strength, precision, and performance — shaping the future of joint and trauma care.

Kalyani Medcomp specializes in end-to-end contract manufacturing of orthopedic systems and surgical instruments, including:

- Total knee systems
- Hip replacement systems
- Shoulder systems
- Spine and ankle systems
- Surgical instrument sets
- Private labeling solutions

We also offer specialized solutions for bone cement used in orthopedic and trauma surgeries to stabilize implants, as well as bone grafts for orthopedic procedures focused on bone regeneration.

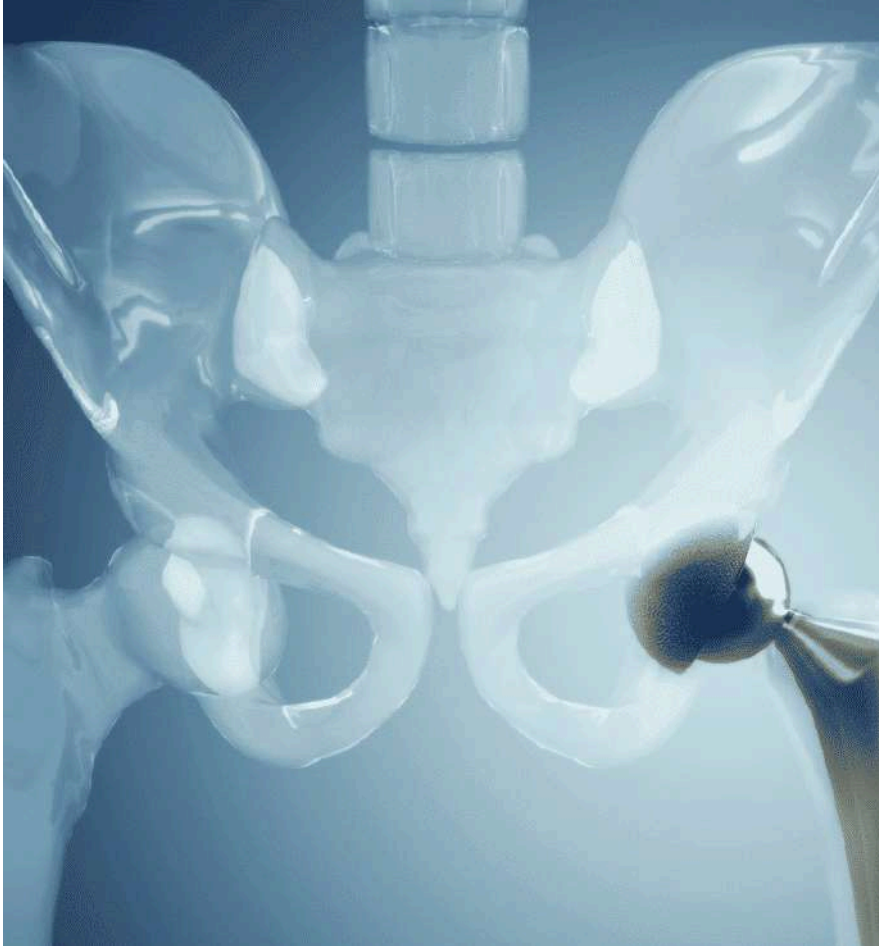
As an ISO 13485-certified manufacturer, our facility in Pune, India is equipped with the latest technology—ensuring every component meets the highest standards of accuracy, safety, and performance.

From early-stage design assistance and detailed prototyping to large-scale production runs, we deliver comprehensive solutions that streamline your product development process. Whether you're launching a new product or managing ongoing production, our dedicated team ensures complete, on-time delivery and exceptional customer satisfaction.

With deep technical expertise, a commitment to quality, and precision manufacturing capabilities, we are the trusted partner for all your orthopedic production needs.

Our Orthopedic Product Offerings

From joint replacements to trauma solutions, our orthopedic range is built for precision, durability, and optimal clinical performance—supporting surgeons in delivering better patient outcomes.



Implants

At Kalyani Medcomp, we understand that behind every implant is a patient hoping to regain movement, comfort, and confidence. That's why we approach orthopedic manufacturing with not just technical precision—but purpose.

Our team combines deep expertise in medical device engineering with real-world insights into surgical needs. This unique perspective allows us to collaborate with OEM partners to develop implants that meet rigorous clinical benchmarks and are designed to genuinely improve lives.

Orthopedic Manufacturing Solutions

We offer comprehensive manufacturing solutions for the following orthopedic components:

- ✓ Total Hip Replacement
- ✓ Total Knee Replacement
- ✓ Shoulder Replacement
- ✓ Spine Systems
- ✓ Ankle Implants
- ✓ Bone Graft and Bone Cement

As an ISO 13485, ISO 9001, ISO 14001, and GMP-certified MedTech company, we support global OEMs in rapid product development and full-scale production—ensuring superior quality and compliance with international standards.

We also provide high-quality private label solutions, manufactured to meet both clinical and regulatory requirements.

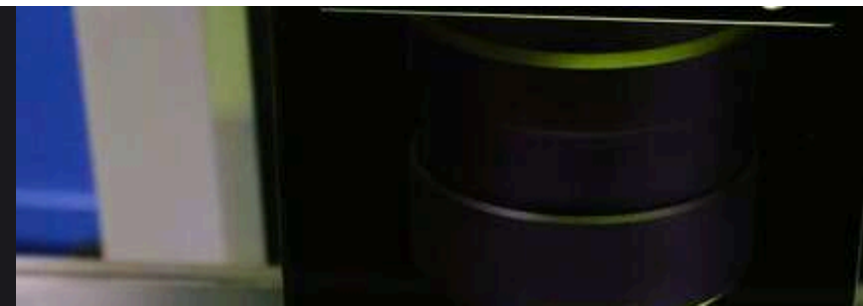
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Our Expertise

With advanced engineering, material science, and manufacturing excellence, we create high-performance orthopedic components that meet the most demanding surgical and biomechanical standards.

At Kalyani Medcomp, we believe the best results come from true collaboration—combining your vision with our technical expertise to deliver reliable, high-quality orthopedic solutions.

Whether you require custom, low-volume production or full-scale manufacturing infrastructure, we're equipped to support you at every level. Our team listens, adapts, and works closely with you to identify the most efficient and cost-effective path forward—so you can focus on what matters most: delivering better care to patients.



Innovation-Driven Manufacturing

With advanced additive manufacturing technologies, we help push the boundaries of orthopedic innovation. Our capabilities enable:

- ✔ Complex geometries
- ✔ Enhanced implant integration
- ✔ Customization aligned with surgical realities

We bring specialized expertise in:

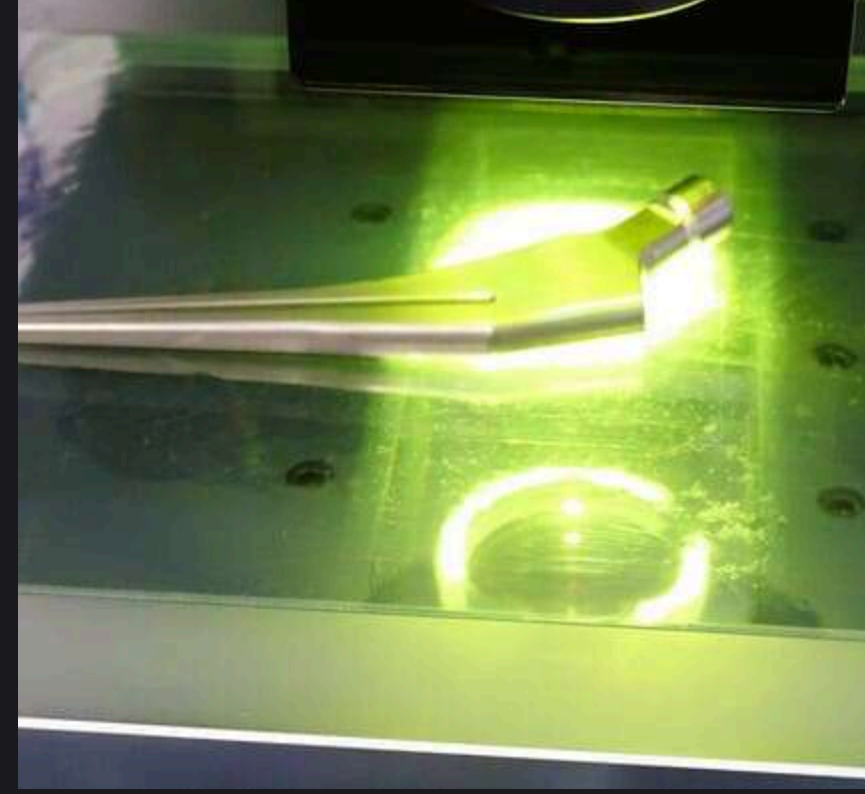
- ✔ Trabecular structures for improved osseointegration
- ✔ Surface finishing for optimal performance
- ✔ Material validation to ensure clinical reliability

Titanium Polishing & Sterile Packaging

We offer titanium surface polishing for smoother, high-performance gliding surfaces—enhancing wear resistance and patient comfort.

Our sterile packaging services are designed to protect your products while accelerating your timelines. Through streamlined validation, we help:

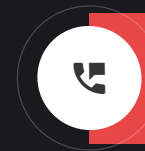
- ✔ Extend shelf life up to 7 years
- ✔ Reduce time to market by up to 15 months



Our integrated capabilities enable seamless production of complex orthopedic implants and instruments—from concept to high-volume manufacturing. We partner with OEMs to co-create reliable, high-performance solutions that advance mobility and patient care.

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Surgical


Crafting precision instruments that empower surgeons and elevate patient outcomes.

At Kalyani Medicomp, we partner with leading MedTech companies to design and manufacture orthopedic instruments that surgeons can trust—tools engineered to enhance precision, improve control, and ultimately deliver better outcomes for patients.

From concept to creation, we ensure every instrument is developed with meticulous attention to detail, clinical relevance, and manufacturing excellence. Whether you're launching a new product or refining an existing one, our team is committed to making sure each instrument performs when it matters most.

Our Surgical Product Offerings

We deliver a comprehensive range of surgical instruments and devices—crafted for precision, ergonomics, and reliability across orthopedic, dental, laparoscopic, and endoscopic applications.



At Kalyani Medicomp, we combine technical expertise with hands-on experience to bring a wide range of surgical instruments and devices to life. Our capabilities include:

- ✓ Orthopedic and Dental Surgical Instrumentation
- ✓ Laparoscopy Devices
- ✓ Endoscopic Devices
- ✓ Minimally Invasive Surgical (MIS) Instruments

We support global MedTech companies in developing tools that meet modern surgical demands—ensuring precision, reliability, and clinical relevance.

Supporting the Next Generation of Surgical Innovation

As surgical techniques evolve, so must the instruments that support them. With emerging technologies like robotic surgery and computer-assisted navigation, the need for advanced, adaptable tools is greater than ever. At Kalyani Medicomp, we help bring these innovations to life.



We collaborate closely with MedTech partners to co-develop instruments tailored to next-generation procedures. From custom design and rapid prototyping to full-scale manufacturing, we deliver solutions that match the pace of surgical innovation.

Durability That Delivers

Durability matters. Our proactive maintenance programs include detailed inspections and part replacements—ensuring your instruments remain reliable, high-performing, and valuable over time.

Single-Use Surgical Kits

We specialize in single-use surgical kits, including complex procedure kits. Whether you need instruments for a specific treatment area or a complete disposable setup, we provide ready-to-use products designed for:

- ✔ Efficiency
- ✔ Safety
- ✔ Ease of use

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Our Expertise

Backed by advanced manufacturing and strict quality control, we engineer surgical tools that enhance accuracy, ensure safety, and empower surgeons to perform with confidence.

At Kalyani Medicomp, our deep expertise in medical manufacturing enables us to produce high-quality tools that support safer surgeries and better patient outcomes. We specialize in the production of complex instrument parts and assemblies, backed by years of experience and a strong technical foundation. Every product we manufacture meets the highest standards of accuracy, performance, and reliability.

Core Capabilities:

Precision Machining

We offer advanced turning, grinding, and milling operations for components such as drills and other precision parts. These processes are engineered to handle tight tolerances and complex geometries—ensuring consistent quality at every stage.

3D Printed Orthopedic Implants

Our additive manufacturing capabilities bring speed and flexibility to the design process. We create intricate geometries and customized components in both metal and plastic—ideal for prototyping and accelerating innovation.



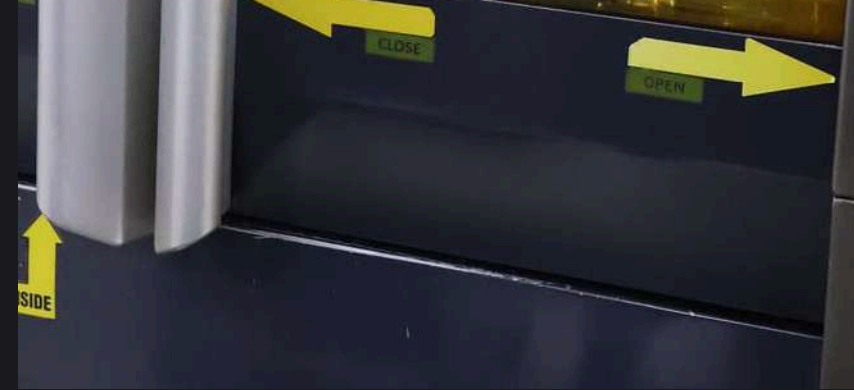
Metal Injection Molding (MIM)

Our injection molding and over molding services allow us to combine materials for enhanced functionality and ergonomics. Whether it's high-precision micro metal components or hybrid-metal assemblies, we focus on comfort, durability, and performance.

Sterile Packaging

We provide sterile packaging solutions for both reusable and single-use instruments. Our process helps extend shelf life up to **7 years** and shortens time-to-market by reducing validation timelines—delivering speed without compromising safety.

Whether you need a small batch or full-scale production, we're equipped to deliver. Our systems are designed to support both low-volume and high-volume projects—giving you the flexibility and reliability your product demands.



With end-to-end expertise in precision surgical instrumentation, we deliver tailored solutions that enhance performance and safety in every procedure. We collaborate with OEMs to transform surgical innovation into dependable, high-quality products.

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