Medical Contract Manufacturing
Medical Product Development
ISO13485 / FDA Registered

Whether you're a medical device startup, a growth-stage innovator, or an established manufacturer, HDA welcomes the opportunity to help you bring technology-driven products to market—and scale with confidence.

HDA is a small, customer focused contract development and manufacturing partner located in the Irvine medical hub in California. We are FDA and FDB registered and ISO 13485 certified. We specialize in the development and contract manufacturing of diagnostic and therapeutic devices, including both durable systems and disposables.

What we do

We provide end-to-end support across the product lifecycle, including:

- Contract manufacturing
- Concept development and enabling technology development
- Mechanical design
- Hardware and software development
- Safety, regulatory, and compliance support

Who we serve

We collaborate with startups and early-stage teams that value a hands-on partner, as well as established global medical device manufacturers. Our team brings decades of experience solving complex engineering and manufacturing challenges—supporting both innovative new programs and high-reliability production environments.

A long-term partner built for the realities of medtech

Medical device commercialization takes time. We approach each program with a long-term mindset—supporting development, product introduction, and ongoing manufacturing as your volumes grow. To ensure strong alignment and continuity, we provide engineering services to existing clients and to new customers who intend to place subsequent manufacturing with HDA.

Quality you can rely on

Quality is built into every stage of our process. Our disciplined development and production practices help ensure your product meets regulatory requirements, performs reliably, and is delivered on time and within budget. With decades of experience, meticulous craftsmanship, and a commitment to excellence, we manufacture to your exact specifications—and earn trust through results.

Project examples

Magnetic Field Generator for use in Radiation Oncology. Uses Quantum physics principals to enhance patient outcomes from radiation therapy.

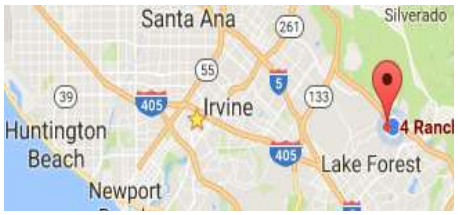
Shortwave Diathermy System for pain relief and improved bloodflow.

Wearable for treatment of essential tremor.

Nitrous Oxide Scavenging system protects medical personnel.

Diagnostic System evaluates patelar joint health.

Breast Biopsy System with multi-axis motion control, variable vacuum, and intuitive touch screen interface.

Contrast therapy system delivers precise heat, cold, rapid contrast, and compression therapy to treat a wide range of injuries.

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Registered to ISO13485