

COMPANY OVERVIEW

Orthopedic Sciences, Inc. is a physician-founded, physician-led medical device manufacturer with 27 years of commercial experience in arthroscopic and subchondral joint preservation of the shoulder, hip, and knee. The company designs, patents, manufactures, sterilizes, and commercializes FDA-regulated orthopedic devices that help patients delay or avoid artificial joint replacement.

CORE COMPETENCIES

- **Orthopedic device design and manufacturing.** Disposable surgical devices for autologous bone grafting and arthroscopic joint preservation of the shoulder, hip, and knee.
- **Joint preservation platform.** Integrated products and workflows that may allow patients to delay or avoid arthroplasty (artificial joint replacement).
- **Surgeon-led clinical training.** Operating room support staff training delivered directly by orthopedic surgeons. Training on how to potentially reduce staff to a four-person model.
- **Quality, sterilization, and surveillance.** Sterilization validation, product traceability, and post-market surveillance under the FDA Quality Management System Regulation.
- **Reimbursement and workflow support.** Standardized, reimbursable outpatient procedural workflows for hospitals and ambulatory surgery centers.
- **Intellectual property lifecycle.** Development and management of a patented orthopedic technology portfolio across the full product lifecycle.

DIFFERENTIATORS

- **Integrated full-lifecycle control.** Single-source ownership of discovery, patents, design, manufacturing, sterilization, reimbursement, clinical implementation, and post-market surveillance, unlike vendors focused solely on implants or biologics.
- **Existing federal healthcare footprint.** Platform already deployed in a United States Department of Veterans Affairs Medical Center.
- **Physician-founded and led.** Directed by a licensed orthopedic surgeon, with affiliated surgeons providing hands-on product training and clinical support.
- **Patented autologous technology.** Proprietary devices and workflows supporting use of the patient's own biologic tissue without reliance on synthetic bone graft substitutes or implantable biologic replacements.

PAST PERFORMANCE & RELEVANT COMMERCIAL EXPERIENCE

Orthopedic Sciences Joint Preservation Platform Commercialization Program

Client: Hospitals, ambulatory surgery centers, and a Veterans Affairs Medical Center
Value: \$30,000,000+ | **Duration:** 27 years

Designed, patented, manufactured, sterilized, and commercialized an FDA-regulated joint preservation platform supporting shoulder, hip, and knee procedures. Scope integrated engineering, regulatory affairs, intellectual property, manufacturing, physician education, reimbursement, and clinical adoption while maintaining FDA compliance and quality system requirements. Supported more than 3,000 joint preservation procedures across shoulder, hip, and knee applications, with clinical use directed toward preservation of the native joint and avoidance or delay of arthroplasty. Established reimbursable outpatient workflows with product traceability and post-market surveillance across a continuous 27-year period.

POINT OF CONTACT

James K. Brannon, MD

Founder, President & Chief Executive Officer

P +1 913-314-2195

E jbrannonmd@orthopedicsciences.com

W www.orthopedicsciences.com

27+

YEARS
IN BUSINESS

FDA

REGISTERED
ESTABLISHMENT

3,000+

PROCEDURES
SUPPORTED

COMPANY DATA

UEI: PVFBW56KF9T5

CAGE Code: 17ME7

Business Size: 3 employees

Service Area: Nationwide (United States)

Project Range: \$50,000 to \$5,000,000

NAICS CODES

339113 **PRIMARY**

Surgical Appliance and Supplies Manufacturing

REGISTRATIONS & LICENSES

- FDA Registered Medical Device Establishment (Registration No. 2032830)
- FDA Facility Establishment Identifier (FEI No. 3004167986)
- FDA Quality Management System Regulation (QMSR) compliant
- FDA Medical Device Reporting (MDR) compliant
- Ongoing GS1 Unique Device Identification (UDI) implementation
- United States patent portfolio covering orthopedic medical devices
- Active orthopedic surgeon licensure supporting physician education and training

TARGET AGENCIES

- Department of Veterans Affairs (VA), Veterans Health Administration
- Defense Health Agency (DHA), Military Treatment Facilities
- United States Army Medical Command (MEDCOM)
- Department of Defense (DoD) medical research organizations
- Department of Health and Human Services (HHS)
- Indian Health Service (IHS)
- General Services Administration (GSA)