

Lazurite Fact Sheet

Vital Signs

Founding year: 2015.

Management

- Eugene Malinskiy, co-founder and CEO
- Leah Brownlee, JD, president

Previous company names: Infinite Arthroscopy; Indago.

Number of employees: 24.

Location: Cleveland, OH, USA.

Company tagline: Agile technologies for optimal care®.

The ArthroFree® tagline: The wireless surgical camera system.

Intellectual property

- Utility patents granted, all countries: 20
- Design patents, granted and allowed: 56
- European validations: 9
- Patents pending (Nov. 2023): 54

Core value #1: People first. We focus on problems in healthcare (not just the market). We use science, engineering, and design to build durable, substantial solutions. Our rigorous solutions open market opportunities.

Our three-year vision (by 2026): Modernize 1,000 operating rooms for the wireless age.

Technology Summary

The ArthroFree System combines our proprietary communication and lighting technologies to eliminate the cumbersome cables of conventional camera systems.

These cables pose three key problems: they limit the agility of surgeons, clutter the sterile field, and require labor-intensive sterilization and processing.

The expected results include:

- Surgeons moving with full dexterity and greater focus, due to fewer interruptions to the surgical workflow.
- A sterile field with zero risk of camera-cable-related contamination.
- Significant cost savings vs. conventional camera systems.

(Cont'd)



Compatibility. The ArthroFree System is compatible with contemporary endoscopic surgical systems.

Lightweight ergonomics and untethered motion. Designed with surgeon input for maximum dexterity and clarity of focus.

Meridiem® light technology (MLT). This low-heat, high-efficiency light system produces comparable illumination to conventional light systems—while using just 20% of the energy. The result? The MLT in the ArthroFree wireless camera eliminates the hazards of OR fires and patient burns associated with conventional cameras.

Market Analysis

The US market for arthroscopic devices was \$4.1B in 2019 (6.3% CAGR).

The global market for arthroscopic devices is expected to reach **\$7.2B by 2027.**

The US market for endoscopy visualization systems was \$9.1B in 2019 (6.1% CAGR).

The global market for endoscopic devices is expected to reach **\$43.8B by 2027.**

Company Description

Lazurite designs medtech devices. Its ArthroFree® System includes the first wireless camera with FDA clearance for arthroscopy and endoscopy. Free of cumbersome camera cables, ArthroFree enables surgeons to work with maximum dexterity, precision, and focus. Without camera-cable-related interruptions, surgeons keep their eyes on the monitor—and on their patients' well-being. ArthroFree also eliminates light-source-related patient burns and indicates significant savings over conventional camera systems.

Lazurite's portfolio includes the high-efficiency Meridiem® light technology, wireless communication technology, and products in development. The company's investors include 70 surgeon champions.


For more information, see <https://lazurite.co>.

Media Contact

Patrick Gallagher, PR & Marketing Communications

p.gallagher@lazurite.co

216.233.7473

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