



agile technologies
for optimal care

Transcript: ArthroFree for Arthroscopy

Eugene Malinskiy
Co-founder and CEO
Lazurite
(Starts speaking at 0:00.06)

ArthroFree is a wireless surgical camera system that allows an OR to perform endoscopic, arthroscopic or other minimally invasive surgery without the light cable and without the video cable. And it provides a host of benefits.

Jim Williams, MD
Chief medical advisor
Lazurite
(0:00.28)

The ArthroFree device is really easy to use. It's much easier to use than the current systems. Freedom of movement is much easier. You don't have to lift and change the cables and move them around. They don't get tangled. It's easier to set up and easier to take down.

Mark Schickendantz, MD
Orthopaedic sports
medicine surgeon
Cleveland Clinic
(0:00.43)

I've had the opportunity to use the ArthroFree camera here in the laboratory and, I've got to tell you, I'm absolutely amazed at the quality of the picture, the ergonomics, the way it feels in my hands. What's incredible is the lack of cables and the cumbersome and the clutter, and just the clunkiness of having that cable system that we run into in the operating room. To be able to use an arthroscope that doesn't have that is just absolutely incredible.

Sania Mahmood, MD
Orthopedic surgery resident
Cleveland Clinic
(0:01.10)

It's very easy to use. I have slightly smaller hands and it fit pretty comfortably in my hands. I was able to take pictures and navigated pretty easily as well. The images came out very clear. I can see us transitioning to just using cordless cameras in the future. Why have the burden of having a cord when I have the option to use a camera without a cord? It makes it easier for me and my scrub techs and the whole team.

Mark Schickendantz, MD
Orthopaedic sports
medicine surgeon
Cleveland Clinic
(0:01.35)

Turnover time is critical in terms of efficiencies, and the ease of setup with the wireless ArthroFree camera is really impressive to me—not only the setup, but the take down. So both before and after the case. If you're saving minutes over the course of a day, that adds up to cases. And I think that's extremely important.

<p>Laimis Belzinskas Senior product engineer Lazurite</p> <p style="text-align: right;">(0:01.54)</p>	<p>You have the image quality you're used to. You have the light that you're used to, but you don't have the wires. You don't have the hassle. Our first real innovation came in the Meridiem light engine and creating a brand-new way of generating light that's far more efficient, that doesn't generate the heat that you know is a real problem in the OR.</p>
<p>Cody McElroy Sterile processing manager University Hospitals</p> <p style="text-align: right;">(0:02.14)</p>	<p>The ArthroFree basically—as a sterile processing manager—it eliminates a lot of challenges in human error. So I say that because the less we have to process, the less chances for a mistake or an error to be made. It also represents different financial opportunities, as far as reprocessing costs are concerned. And every little bit counts in the OR. Being able to make the littlest things easier makes a world of difference.</p>
<p>Jeff Ustin, MD Trauma surgeon University Hospitals</p> <p style="text-align: right;">(0:02.40)</p>	<p>And when you pick it up and you press the button, it's on, that's it? it's really [pause] Why have we been doing it this way? Why have we been doing it the way we've been doing it? This is just so much nicer. And that's why I think in a few years this will be the standard.</p>
<p>Eugene Malinskiy Co-founder and CEO Lazurite</p> <p style="text-align: right;">(0:02.58)</p>	<p>We made it streamlined. We made it comfortable. We balanced it in such a way that it makes it easy to hold for an extended period of time, but it's also easy to replace the battery, and to connect it to other systems.</p>
<p>Robert Nickodem, MD Orthopaedic surgeon Cleveland Clinic</p> <p style="text-align: right;">(0:03.14)</p>	<p>Safety isn't an issue without having the cords running all over the place. It's just an easy system to use. The clarity is spectacular, really. The light source: cool. No fire hazard. There're just a lot of pluses to this new system. I can't believe it's taken this long to get this developed by anybody in the industry, but it's amazing that you guys have been able to do this.</p>

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