

TIME	VIDEO	AUDIO
45 sec	Host in studio Image of musculoskeletal system	(Host) Orthopaedic surgery or orthopaedics, is the branch of surgery concerned with conditions involving the musculoskeletal system. Orthopaedic surgeons use both surgical and nonsurgical means to treat musculoskeletal trauma, spine diseases, sports injuries, degenerative diseases, infections, tumors, and congenital disorders. As a Board Certified and Fellowship Trained total joint surgeon specializing in adult reconstruction, Dr. Nathan Cafferky focuses on patients with hip and knee conditions who require replacement surgery.
80 sec	Dr. on camera Dr working with team (maybe patient examination) Imaging technology Surgery footage	(Dr. Cafferky) Taking care of others, and putting others first, is one of the most rewarding aspects of being an orthopaedic surgeon. Early on in my education, I realized that I wanted to help get people back to doing the activities they love. I'm lucky to work with a dedicated, experienced, caring group of professionals who excel at their roles. Our patient care philosophy is to work closely with my patients to establish appropriate goals of care and expectations. Joint replacement is a journey that requires dedication, innovation, experience from your healthcare team. That's why we leverage newer technologies and techniques are helping improve patient satisfaction and outcomes. With total hip and total knee replacement surgeries, we're using less invasive procedures. Combining these newer techniques with rapid recovery post-operative protocols allows patients to return to their normal lives faster.
5 sec	Host in studio	(Host) Dr. Cafferky tells us about the latest, state of the art technology for total knee replacements.
70 sec	Dr on camera ROSA Knee system	(Dr Cafferky) In our practice at Vail-Summit Orthopaedics & Neurosurgery, my team has embraced the role of robots in the operating room. The Zimmer Biomet ROSA, which stands for Robotic Surgical Assistant, has the potential to improve outcomes following total knee replacements. The device is composed of two units, one positioned on each side of the operating table: A robotic unit consisting of a compact robotic arm and a touchscreen and an optical unit and a touchscreen. The robotic arm is equipped with a force sensor that allows users to manually move the robotic unit to the desired location by measurement of forces exerted at the end of the arm and a compensation principle, regardless of the instrument used. This robotic system – which is still operated

by me throughout the procedure - provides real-time data during surgery that enables my team to understand the soft tissue and bony anatomy around an arthritic knee, with the robotic system guiding the accuracy of my soft tissue releases, balancing, and bone cuts. This takes the guesswork out of knee implant positioning, allowing me to take a more scientific approach to restoring limb alignment, range of movement, and range of motion.

25 sec Patient on camera

(Patient) I'm so happy with my knee replacement from Dr. Cafferky. I'm back to living my life pain free! (or something similar)

15 sec On-screen contact information:
Nathan Cafferky, MD
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(Host) Dr. Nathan Cafferky and his team take the time to fully understand the nature of your injury, your overall health and fitness, as well as your particular lifestyle. You'll get a personalized approach to joint reconstruction and recovery that includes physical therapists, athletic trainers, and others. Whether you're a local of the High Rockies or a patient traveling to their mountain community, Dr. Cafferky and his team will move you forward with innovative orthopaedic care.

**TOTAL
TIME:**

4:00