A Revolutionary Breakthrough in Shoulder Replacement
Minimally Invasive, Rotator Cuff Sparing Technique by Chudik

Imagine facing shoulder surgery with the promise that your most vital shoulder muscles won't be cut, you won't be confined to a sling for weeks, and you could be moving your arm within days. Based on Dr. Chudik's patent work, this new reality is made possible by the ground breaking work by Dr. Chudik and a select team of talented orthopaedic surgeons.

A Surgeon's Mission: From Inspiration to Innovation
For decades to access the shoulder joint, conventional shoulder replacement surgery has required cutting the subscapularis muscle—a key component of the rotator cuff, the group of muscles that allow you to lift and rotate your arm. This step often led to muscle weakness, prolonged recovery, and sometimes permanent limitations.

Driven by the desire to improve patient outcomes, Dr. Chudik asked a fundamental question: Why must surgery involve cutting the rotator cuff and dislocating the humeral head (top of the upper arm bone) to reach the worn glenoid (shoulder socket)? Is there a way these essential structures can be preserved?

The Breakthrough:
What Makes This Technique Different?

Conventional recovery meant weeks in a sling.

Now, patients can regain mobility in days—not weeks.

- Faster Recovery: Rather than up to 6 weeks of immobilization in a sling, most patients will be able to move their arm immediately following surgery which could speed up recovery from 6 months to as little as 6-12 weeks.

- Preserves Your Vital Shoulder Muscles: Unlike traditional surgery that cuts the crucial subscapularis muscle, this approach keeps your muscles intact—so you maintain strength and avoid lasting weakness or the devastating complication of failure of the subscapularis muscle of the rotator cuff.

- Protects Your Shoulder Joint from Trauma and Its Associated Complications: By not dislocating your shoulder there is less surgical trauma and a decreased risk for nerve injury, fracture and other associated complications.

- Drastically Lowers the Risk of Future Surgeries: Avoiding injury to the subscapularis and the rotator cuff means far fewer chances of complications that require additional operations or revision surgery.

- Potential for Greater Results and Outcomes: Preserving the rotator cuff and avoiding strict immobilization and starting active motion and physical therapy earlier will not only speed up recovery but is expected to improve overall motion, strength and functional outcomes, helping your new shoulder feel more like your real shoulder.

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In simple terms, this technique avoids muscle damage, dislocating the shoulder, long immobilization, and is expected to lead to faster, improved and more predictable results—helping you get back to the activities you love sooner and stronger.

A Long Journey of Innovation and Collaboration
Dr. Chudik's concept began more than 20 years ago as a simple sketch in a notebook. Since then, it has evolved through rigorous laboratory trials, partnerships with industry leaders and collaboration with a network of expert orthopaedic surgeons. These collective efforts led to FDA approval and the creation of specialized instruments essential for performing this unique surgery.

Early Access and Controlled Rollout for Safety
To prioritize patient safety and ensure top-quality care, this groundbreaking procedure will be introduced through a limited rollout. Only a small number of expert surgeons in the U.S., including Dr. Chudik, are trained and equipped to perform it at launch.

This fall, only five sets of surgical instruments will be available worldwide, with Dr. Chudik being among the first to offer the procedure. This careful approach ensures patients receive expert care using the latest technology.

As more surgeons are trained and technology advances, access will gradually expand to benefit more patients across the country and internationally.

Looking Ahead: Technology and the Future of Shoulder Surgery
The next chapter includes advanced navigation systems designed to make the surgery even more precise, reproducible, and accessible. Through even less invasive incisions and approaches, navigation will allow the surgeon to see and perform surgery in ways never done before. This will also drive the industry to develop even more advanced implants to keep up with the new developing techniques.

Broad Applicability and Patient-Centered Care
This procedure is designed for patients with arthritis from a variety of causes—including degenerative wear and tear and trauma—while preserving the essential muscles and tendons. Each patient is evaluated individually to tailor the surgical approach for the best possible outcome. In some complex cases and due to patient factors, traditional surgery may still be recommended to ensure safety and long-term function.

A Revolution in Shoulder Surgery, Centered on You
Based on Dr. Chudik's patent work, this minimally invasive, rotator cuff sparing shoulder replacement is more than a surgical technique—it is a transformative approach focused on preserving your body's natural anatomy, reducing pain and recovery time, and helping you regain strength and mobility faster than ever before.

This breakthrough marks a new era in orthopaedic shoulder care, combining cutting-edge innovation with patient-centered expertise, offering hope and healing for those facing shoulder joint challenges.