



# The Rotium™ Bioresorbable Scaffold Wick for Rotator Cuff Repair



# Product Composition

## VERSATILITY

- Rotium™ is FDA indicated to be used in conjunction with over 40 commonly used anchors. Similar products on the market only have one suture anchor product configuration.
- Ease of use allows for incorporation into existing repair techniques without adding time.
- No change is required in placement configuration for existing anchors or procedures. Furthermore, no special instrumentation is required.
- Can be used in open or arthroscopic procedures.

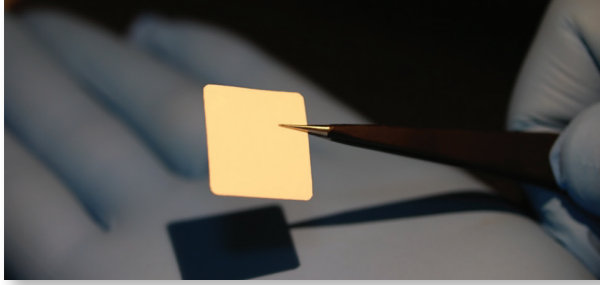
## COVERAGE

- The Rotium™ Wick provides over **9 times** the surface area coverage than a comparable product, with a surface area of 400 sq. mm.
- Rotium™ provides optimum coverage of the supraspinatus footprint of 368sq. mm.

## AFFORDABILITY

- Rotium™ benefits patients, surgeons, and insurers by providing a lower overall cost per procedure than comparable products while offering greater benefits, such as increased wick retention and strength. Currently, alternative scaffold products cost significantly more than Rotium™ per procedure.





## PRODUCT STRUCTURE

### Fibers Designed to Mimic Physical Structure of Extracellular Matrix

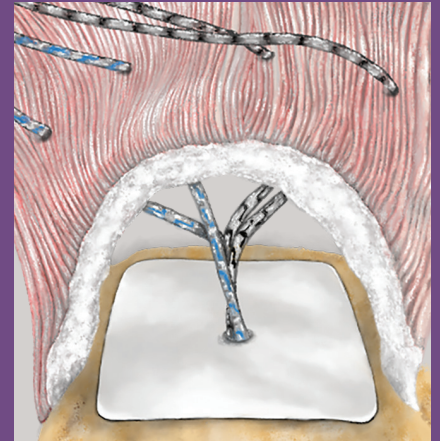
- Rotium™ is composed of two types of polymer fibers: PLCL and PGA, with the intent to mimic the extracellular matrix of the rotator cuff tendon.
- Rotium™ is approximately 85% porous to promote rapid cellular infiltration.



## VERSATILE POSITIONING

### Bioresorbable Scaffold Wick

- Arthroscopically deployed between bone and tendon.
- Scaffold is placed at the bone-tendon interface.
- Anchor sutures are passed through the Rotium™ device.



The Rotium™ Bioresorbable Wick is comprised of biodegradable polymer fibers that replicate the structure of the native extracellular matrix and are designed to completely resorb after 3-4 months. The fibers are designed to act as a scaffold that supports cellular ingrowth and facilitates healthy tissue regrowth, such as Sharpey fibers. Traditional rotator cuff repair results in high levels of scar tissue at the bone-tendon interface, resulting in weaker connection of the tendon to the bone. The Rotium™ Wick is engineered to support and encourage the regeneration of healthy tendon at the bone-tendon interface.

*\*Claims as supported by animal studies and are not necessarily predictive of human results.*



## References

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