

ARTHRO**VIMS**<sup>®</sup>  
**ANCHOR BR**



# BIORESORBABLE SUTURE ANCHORS

## Indicated for rotator cuff repair.



**ARTHROVIMS BR** is a bioabsorbable screw anchor associated with two UHMWPE (USP2) sutures or a suture and a tape mounted on a single-use screwdriver for insertion and locking in the bone.

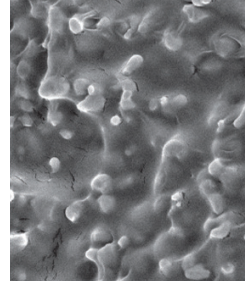
**ARTHROVIMS BR KNOTLESS** is also a knotless bioabsorbable screw anchor, designed to be used in combination with sutures and/or tapes.

## COMPOSITION

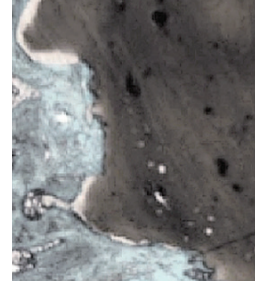
Bioabsorbable biocomposite polymer:  
70% **PLA** (Polylactic Acid)  
30% of **β-TCP** (tricalcium phosphate).

β-TCP particles are sub-micron sized and homogeneously distributed within the PLA matrix, in addition, they are agglomerates free for a better bone integration.

TCP keeps a neutral PH by buffer effect, the resorption speed is thus increased without risk of inflammation.



PLA / β-T CP composite  
(x10 000 MET)

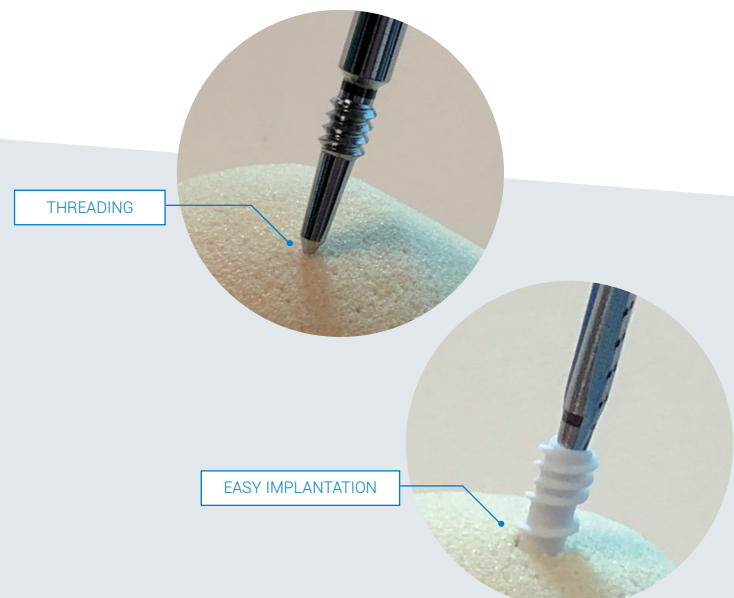


Distortion of the thread  
during resorption

■ Bone growth ■ Implant

## ANCHOR BR ADVANTAGES

- Biocomposite
- Homogeneous pla/tcp polymer
- Biocompatible
- Double thread
- Resorption speed controlled
- High mechanical properties



## PROPERTIES

Its **double thread** allows an increase of the pull out strength of the anchor.

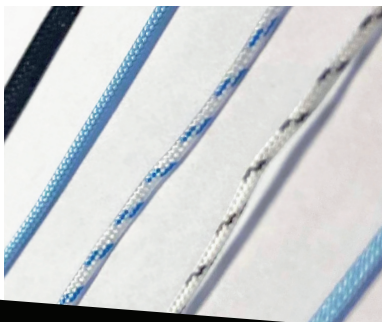
High mechanical properties improved by the **homogeneous distribution of the TCP particles** within the PLA matrix.

### Biocompatible

**Controlled resorption speed** thanks to PLA material which degrades through hydrolysis and TCP particules which increase resorption speed.

**Mechanical properties are maintained for 6 months** and the anchor is no longer detectable after **24 months**.

### Adaptation to multiple surgical techniques



## SUTURES & TAPES

USP2 sutures and 1.4 mm tape sutures are made of ultra high molecular weight polyethylene (UHM-WPE).

### Two different compositions:

- 2 USP2 sutures
- 1 USP2 suture and 1 1.4mm tape

### PROPERTIES

- High tensile strength
- Knots slide easily due to the composition of the sutures and tapes, but once in place they are blocked



## SUTURES ADVANTAGES

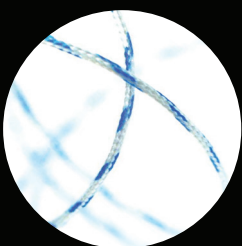
**ARTHROVIMS BR anchors are associated with 2 USP2 sutures or 1 suture and 1 1.4 mm tape (made of ultra-high molecular weight polyethylene UHMWPE)**

HIGH TENSILE STRENGTH

SMOOTH KNOT SLIDING

THREADS CANNOT BECOME ENTANGLED

SOLIDITY AND SECURITY OF THE SUTURES



## STORAGE

**ARTHROVIMS® BR** must be stored in its original unopened packaging, in a clean and dry place, at temperature below 32°C.

## PRODUCTS & INSTRUMENTATION

**ARTHROVIMS® BR** anchors are packaged in a blister itself sealed in an aluminum pouch and sterilized by ethylene oxide. Single use. Do not re-sterilize.

Instrumentation for arthroscopic procedures is available.

For any further information, please refer to the IFU and/or contact us.

DESIGNATION	SIZE	REFERENCES
<b>ROTATOR CUFF</b>		
ARTHROVIMS BR 2 sutures Blue/White - Black	4,5mm	VIMS-10075
ARTHROVIMS BR 1 suture White/Blue - 1 tape Black	4,5mm	VIMS-10076
ARTHROVIMS BR 1 suture White/Black - 1 tape Blue	4,5mm	VIMS-10077
ARTHROVIMS BR 2 sutures White/Blue - Black	5,5mm	VIMS-10078
ARTHROVIMS BR 1 suture White/Blue - 1 tape Black	5,5mm	VIMS-10079
ARTHROVIMS BR 1 suture White/Black - 1 tape Blue	5,5mm	VIMS-10080
ARTHROVIMS BR KNOTLESS	5,5mm	VIMS-10159
ARTHROVIMS BR KNOTLESS	4,75mm	VIMS-10160

## INSTRUMENTATION

**ARTHROVIMS® BR** must be used with the corresponding instrument supplied by VIMS



Punch tap for ARTHROVIMS BR Anchor 5.5mm



Punch tap for ARTHROVIMS BR Anchor 4.5mm



Punch tap for ARTHROVIMS BR KNOTLESS Anchor 4.75mm et 5.5mm

CE 2265  
CLASSE III / ARTHROVIMS BR

CE  
CLASSE I NOT STERILE / INSTRUMENTATION

Document design date: September 2022 - Range : Osteosynthesis, absorbable tendon or ligament anchoring system - Manufacturer : Chetan Meditech - Brand Name : ARTHROVIMS BR - Medical Device Class : III - CE Mark N°2265 - Manufacturer : Chetan Meditech - Brand Name : Pointeau taraud ARTHROVIMS BR - Classe du DM : I non stérile - User : Health professional Indications : Rotator cuff repair - Recommendations for use: it is highly recommended to read the labels and the IFU  
BR\_ARTHROVIMS\_BR\_EN\_V01



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