Inion Hexalon™ - Biodegradable Interference Screw
Inion® Polymers for Optimal Implant Performance

L-lactide provides high strength and durability. D,L-lactide and TMC provide the required ductility and degradation rate. These basic ingredients of the Inion® polymers have long, successful clinical histories.

The Inion Hexalon™ Biodegradable ACL/PCL screw maintains its strength essentially unchanged for a minimum of 12 weeks after implantation and gradually loses its strength thereafter. Bioresorption takes place within two to four years. Observations of a published study suggest that the Inion Hexalon™ screws degrade fully in 2 years in vivo.¹

Excellent Visibility During Insertion

Inion Hexalon™ is the first coloured biodegradable interference screw. The use of colour guarantees first-class visibility both during insertion and in its final position.

The pigment, added in trace amounts, has been used routinely in biodegradable sutures for over two decades.
Reduced Risk of Screw Breakage

Until now, one of the key disadvantages of biodegradable interference screws has been a tendency to break during insertion. Inion Hexalon™ combines optimal screw design with optimal material composition to achieve significantly reduced risk of screw breakage.

Inion Hexalon™ is designed so that the shape of the socket is highly resistant to torque forces.

The area of red (below) quantifies the tendency of the screw driver to rotate inside the screw causing an increased risk of breakage.

Optimised Thread Design

- Self-tapping
- Designed for both hamstring and BTB graft fixations
- Rounded thread design limits damage to the graft

Inion Hexalon™

Sockets of other commercially available interference screws
Inion Hexalon™

Description

Inion Hexalon™ is the first coloured biodegradable interference screw which allows clear visibility during arthroscopic cruciate ligament reconstruction. Inion Hexalon™ is designed to be used for both hamstring and bone-tendon-bone graft fixations.

Indications

The Inion Hexalon™ Biodegradable interference screw is intended for soft tissue fixation to bone in surgeries of the knee, shoulder, elbow, ankle, foot, hand and wrist where the offered screw sizes are patient appropriate. This includes interference fixation in anterior and posterior cruciate ligament reconstruction using soft tissue or bone- tendon-bone grafts.

Benefits

Until now, one of the key disadvantages of biodegradable interference screws has been a tendency to break during insertion. Inion Hexalon™ combines optimal screw design with optimal elastic material composition to achieve significantly reduced risk of screw breakage. Inion Hexalon™ is designed to meet the high torque forces and demanding handling during the insertion. Inion Hexalon™ is Self-tapping and its rounded thread design limits damage to the graft.

Inion Hexalon™ Screws

- ACL-4113 Single packed Screw 6 x 20 mm
- ACL-4114 Single packed Screw 6 x 25 mm
- ACL-4115 Single packed Screw 6 x 30 mm
- ACL-4101 Single packed Screw 7 x 20 mm
- ACL-4102 Single packed Screw 7 x 25 mm
- ACL-4103 Single packed Screw 7 x 30 mm
- ACL-4104 Single packed Screw 8 x 20 mm
- ACL-4105 Single packed Screw 8 x 25 mm
- ACL-4106 Single packed Screw 8 x 30 mm
- ACL-4107 Single packed Screw 9 x 20 mm
- ACL-4108 Single packed Screw 9 x 25 mm
- ACL-4109 Single packed Screw 9 x 30 mm
- ACL-4112 Single packed Screw 10 x 30 mm

SET-4000 Set (4 Screws)
7 x 25 mm, 8 x 25 mm, 8 x 30 mm, 9 x 30 mm

Inion Hexalon™ Instruments

- INS-9200 Screwdriver
- INS-9201 Notcher
- INS-9202 24 cm guide wire
- INS-9203 38 cm guide wire
- INS-9205 Starter 6/7 mm
- INS-9206 Starter 8/9 mm
- INS-9207 RapidNotcher

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