

Meniscal Repair System 半月板缝合系统

适用范围

Indications for Use

该产品适用于内窥镜下进行半月板缝合手术。

The device is intended for arthroscopic meniscal repair procedures.

产品工作原理

Operating Principle

半月板缝合系统主要由植入物（固定棒T1、固定棒T2、2-0缝线）及辅助工具（插入器、限深套管、压紧套管）组成。固定棒T1、固定棒T2通过缝线连接并预装于插入器内。缝线与组织缠绕并打结后，通过插入器导入，缝线自由端由压紧套管与限深套管固定。通过推动手柄，依次释放两个固定棒完成固定。

The meniscal repair system consists of implants (Fixation Rod T1, Fixation Rod T2, and 2-0 suture) and accessory instruments (Inserter, Depth-limiting Sleeve, and Compression Sleeve). Fixation Rod T1 and T2 are connected by suture and preloaded into the inserter. After the suture is looped and knotted with the tissue, it is delivered through the inserter, and the free suture end is secured by the compression sleeve and depth-limiting sleeve. By actuating the handle, the two fixation rods are sequentially deployed to achieve fixation.

特性优势

Key Features & Advantages

- (1) 植入物固定棒采用PEEK材料注塑而成，强度高，生物相容性优异。
- (1) The fixation rods are injection-molded from PEEK material, offering high strength and excellent biocompatibility.

- (2) 内置2-0超强缝线，采用超高分子量聚乙烯制成，提升固定性能。
- (2) Integrated 2-0 ultra-strong suture made of ultra-high-molecular-weight polyethylene (UHMWPE) enhances fixation strength.
- (3) 高强度插入针，不易折弯，为半月板损伤缝合提供强力支持。
- (3) High-strength inserter needle resists bending, providing reliable support for meniscal repair.
- (4) 插入器前端激光标识刻度，配合手柄刻度，可灵活调节限深。
- (4) Laser-etched depth markings on the distal tip of the inserter, combined with handle-scale indicators, allow precise depth control.
- (5) 360°全方位击发，操作便捷。
- (5) 360° deployment capability ensures convenient and flexible operation.
- (6) 插入器前端多角度可选，满足不同的损伤需求。
- (6) Multiple angled inserter tips are available to meet different types of meniscal injuries.
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规格型号

Model Specifications

Models / Specifications

JSMF- I W	JSMF- I D	JSMF- II W	JSMF- II D	JSMF-IIIW
JSMF-IIID				