

## ***Pathologies of the meniscus***

The treatment of meniscus pathologies corresponds to:

- ***Partial or selective meniscectomy***, in which the damaged part of the meniscus is removed
- ***Meniscal suture***: when the lesion of the meniscus has a regular profile and is located in a vascularised area, it can be sutured with an appropriate thread or with a special soluble means of fixation. This is combined with a specific rehabilitation protocol with slower recovery times and temporary protection.

### **Meniscal lesions:**

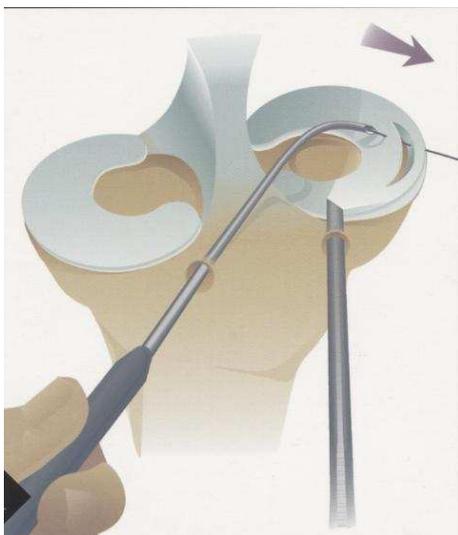
The meniscus is the knee's suspension, and an unstable lesion may result not only in pain but also in limited functionality, a defect of the knee associated with greater wearing of the contiguous cartilage.

Treatment in these cases is important in order to preserve, as far as possible, the integrity of the greatest possible quantity/percentage of tissue and to reduce the wearing of the cartilage connected with a faulty functioning of the meniscus with unstable lesion.

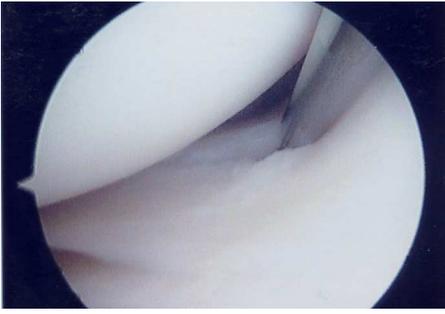
The treatment includes:

- a) partial or selective meniscectomy, in which only the part affected by the lesion is removed
- b) meniscal suture, when the meniscal lesion has a regular profile and is located in a vascular area that can be sutured with the appropriate thread or with soluble means of fixation. Recourse to suturing is correlated also to the examination of the relevant tissue. A specific course of rehabilitation follows with slower recovery times and temporarily limited joint mobility.
- c) meniscal transplant: currently this method is little used in the case of
  - A young person whose meniscus has been removed entirely
  - An older patient without significant axial deviations who is without meniscus due to prior treatment.

The transplant of the meniscus can be carried out using compatible or allograft biological tissue, in other words cryopreserved donor tissue.



**Schematic image of meniscal suture**



QuickTime™ e un  
decompressore TIFF (LZW)  
sono necessari per visualizzare quest'immagine.

**Intraoperative image of meniscal lesions**



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decompressore TIFF (LZW)  
sono necessari per visualizzare quest'immagine.

**Intraoperative image of meniscal suture**