





































<section-header>Impinging Synovitis

 Description

 • Synovial impingement in RA, PVNS, hemophilia or post-TKA.

 • Granowitz 1967

 • Avral 1997

 • Takahashi 2002

 • Verma 2007













Identify Pain Generators in OA • Synovitis • Subchondral bone lesions • Loss of Articular Volume • Flexion Contracture • Malalignment

























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Identifying Volume Compromise Injection of 60 ml of saline can be used to identify volume compromise Loss of Volume Normal



















Arthroscopic Exam

Modified portals
Avoid injury to fat pad
Allow visualization of Anterior Interval











<section-header><image><image><image>

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Arthroscopic Release for Symptomatic Scarring of the Anterior Interval of the Knee ¹. Richard Stadman^{, *} MD, Sophie L Hines.* ². Repartment of Orthopasedic Surgey, Stanford University, Stanford, California <u>25 patients with 4 yr f/u</u> • 76% AIR patients pre-op flexion contracture • 56% Flexion Contracture 1-4° • All resolved with AIR











Treatment of Malalignment
Osteotomy

HTO (Tibial)
DFO (Femoral)

Offloading brace





