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## **Meniscus Tear PRP and Stem Cell therapy tackles it without surgery**

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What is Meniscus? The Meniscus is both the shock absorber of the Knee Joint and the spacer that protects the cartilage which cover top of the femur and tibia bone. It does this by distributing the force equally across the joint. The meniscus is made of living fibrocartilage tissues. Each Knee has two meniscus, a medial and a lateral menisci. Type of meniscus Injury: Why not fix Meniscus Surgically: More than 90% of the meniscus surgery does not "repair" the meniscus but rather removes the torn piece. Given its shock absorbing function, less shock absorber means more shock gets delivered to the cartilage and bone. Removing of meniscal tissue in surgery cause advanced Osteoarthritis. Doctor's at the Hospital of Special Surgery, USA in their new paper found that meniscus tissue removal not only impact the knee at the point of the surgery but throws the whole Knee out of balance and leads to several points of Cartilage deterioration. Partial meniscectomy and shaving is a "Controversial treatment option for degenerative meniscal tears." Is strongly associated with incidence osteoarthritis within 1 year. "Is associated with increased risk of worsening cartilage damage. Why PRP & Stemcell therapy? PRP and Stemcell therapy become the new clinical strategy for the treatment for meniscus tear. PRP released growth factors which will stimulate healing of meniscus tear. The growth factors in the PRP cause a proliferation and regeneration of injured tissue. , This boosts fibroblastic events involved in tissues healing causing these tears to heal. "Platelet Rich Plasma therapy effective in internal displacements of Knee including meniscus tear". Stem Cell therapy regrows meniscus tissue