

ORTHO SAN ANTONIO









## **ARTICULAR CARTILAGE LESIONS**

300,000 knee cartilage procedures in the US annually

- Insidious Onset
- Osteochondritis Dissecans (OCD) Dissection of the articular cartilage from underlying subchondral bone
   No clear cause

Traumatic Onset (athletic activities)

- Typically affects adolescents
  Worse prognosis in adults

ACL injuriesPatella dislocations



ORTHO











































## CONCLUSIONS

- 1. Articular cartilage lesions can lead to disability and osteoarthritis if untreated
- 2. Traditional repair/regenerative techniques are performed based on size of the lesion and activity level of the patient
- 3. When used appropriately, traditional techniques have yielded good results
- 4. Emerging Techniques for cartilage restoration have shown early encouraging results, but no long-term data
- 5. PRP and Stem Cells can be useful adjuncts to cartilage restoration, but are not indicated for isolated use



