

High-grade acetabular cartilage lesions versus low-grade lesions

July 11 2021

Patients undergoing hip arthroscopy with high-grade cartilage damage do not see as positive results compared with patients with lower grade cartilage damage, according to research reported today at the American Orthopedic Society of Sports Medicine- Arthroscopy Association of North America Combined 2021 Annual Meeting.

The research was presented by Dominic Carreira, MD, of Peachtree Orthopedics in Atlanta, Ga. Dr. Carreira and his colleagues sought to determine what the impact of acetabular cartilage damage on outcomes following primary repair of acetabular labral tears.

When articular cartilage is damaged, [joint pain](#) may result. If the articular cartilage damage becomes diffuse, the term arthritis is used.

To determine this, researchers queried a multi-center [hip arthroscopy](#) registry for patients undergoing primary labrum repair from 2014-2017 with documented two-year outcomes. They assigned 472 patients to one of three groups according to severity of articular [cartilage](#) damage in the Beck classification system: None, Low Grade (Grade 1 or 2), or High Grade (Grade 3 or 4) Damage.

Patients in all three groups experienced statistically significant improvement in iHOT-12 scores from baseline to final follow-up (p

Citation: High-grade acetabular cartilage lesions versus low-grade lesions (2021, July 11)

retrieved 23 February 2023 from <https://medicalxpress.com/news/2021-07-high-grade-acetabular-cartilage-lesions-low-grade.html>

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