

Indications and Technique: Snowman Osteochondral Allograft Transplantation for Hill-Sachs Lesions

Tristan Jacob Elias, Erik Haneberg, Hasani Swindell¹, Zachary Wang, Adam Blair Yanke²

¹Columbia University, ²Rush University Med Ctr

Large Hill-Sachs lesions of the humeral head often require surgical management to alleviate pain and mechanical symptoms. Multiple procedures exist to fill these osteochondral defects; however, they may be technically challenging, time consuming, or associated with a risk of postoperative stiffness. Management of a Hill-Sachs lesion with the use of two overlapping osteochondral allografts, known as a snowman technique, allows for re-creation of the natural topography of the human head and leads to excellent improvements in patient satisfaction and motion.