

Specialized Allografts for Shoulder Restoration:

Redefining the Standard for Biologic Joint Repair

Surgeons that specialize in the repair of unique shoulder defects or injuries demand unique treatment alternatives. The Joint Restoration Foundation™ consistently delivers high-quality allografts for a variety of shoulder restoration and repair procedures.

Allografts from JRF™ are a valuable treatment modality when the surgical goals are to improve function and preserve joint integrity, particularly in cases where future revision may be needed. Allografts are an effective alternative to synthetic implants because they mimic the biology of native tissue. Surgeons choose allograft over autologous tissue repair as the latter approach requires a second surgical site, potentially increasing morbidity, operating room time and post-operative discomfort.

At JRF our goal is to simplify and standardize shoulder repair procedures by delivering a biologic repair alternative with state-of-the-art instrumentation, ultimately reducing operative time. This approach has made JRF the largest provider of fresh osteochondral allografts in the nation and one of the largest suppliers of sports medicine allografts.



Fresh osteochondral allografts from the distal tibia provide an innovative solution for management of glenoid bone loss. Studies show these grafts conform well to the native joint and have the desired weight-bearing and cartilaginous properties for the best possible articular performance.

JRF delivers a full range of specialized allografts for shoulder repair.

- **Fresh osteochondral and osteoarticular allografts** with mature hyaline cartilage enable surgeons to resurface cartilage defects of the glenoid and humeral head with viable chondrocytes and healthy subchondral bone in a single procedure. This provides long-term repair for a patient's damaged hyaline cartilage.
- **Small-diameter tendon allografts** meet the clinical need for a viable option to repair separation of the acromioclavicular joint. The literature reports excellent outcomes with this procedure including maintaining integrity of the AC joint, full recovery of strength and minimal effect on range of motion.
- **Rotator cuff allografts** used as a patch in large rotator cuff repairs provide mechanical and biological reinforcement when native tissue is of poor quality or is insufficient to provide full restoration of the rotator cuff.
- **Meniscus allografts** function as biologic interpositional support for the glenohumeral joint, promoting joint congruity and stability and improving function. The lateral meniscus used as an interpositional graft has been shown to reduce contact stresses and improve biomechanical function.

Ensuring Quality of Life

Allografts provided by JRF are produced from donated human tissue in compliance with requirements set forth by the US Food and Drug Administration (FDA) and Standards of the American Association of Tissue Banks (AATB). Our work is driven by a desire to restore movement and quality of life to patients affected by joint disease or injury. It is carried out through a commitment to maximizing graft availability while assuring tissue quality and allograft safety.

JOINT RESTORATION
FOUNDATION™



1.877.255.6727 • www.jrfortho.org

To order call: 1.877.255.6727

Shoulder & Upper Extremity Repair Solutions



Fresh Osteochondral Allografts for Repair of Articular Cartilage and Subchondral Defects of the Shoulder and Elbow

41247001	Humeral Head, Right	Aseptic, Fresh
41247002	Humeral Head, Left	Aseptic, Fresh
44647001	Distal Humerus, Right	Aseptic, Fresh
44647002	Distal Humerus, Left	Aseptic, Fresh
45847001	Proximal Ulna, Right	Aseptic, Fresh
45847002	Proximal Ulna, Left	Aseptic, Fresh
32747001	Distal Tibia, Right	Aseptic, Fresh
32747002	Distal Tibia, Left	Aseptic, Fresh

Tendon Allografts for Acromioclavicular or Ulnar Collateral Ligament Repair

44317003	Single Strand Semitendinosus Tendon	Sterile, Frozen
44317002	Single Strand Gracilis Tendon	Sterile, Frozen
44317004	Single Strand Peroneus Longus Tendon	Sterile, Frozen

Meniscus Allografts for Hand and Shoulder Repair

28325001	Lateral Meniscus, Right	Aseptic, Fresh Frozen
28325002	Lateral Meniscus, Left	Aseptic, Fresh Frozen

Rotator Cuff Allograft for Augmentation of Rotator Cuff Repair

47015000	Rotator Cuff Patch	Sterile, Freeze Dried
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Clinical References:

- Clinical outcomes of coracoclavicular ligament reconstructions using tendon grafts. (Nicholas et al., *Am J Sports Med* 2007)
- Osteoarticular allograft transplantation for large humeral head defects in glenohumeral instability. (Kropf et al., *Arthroscopy* 2007)
- Hill-Sachs defects and repair using osteoarticular allograft transplantation: biomechanical analysis using a joint compression model. (Sekiya et al., *Am J Sports Med* 2009)
- Lateral meniscus allograft biologic glenoid arthroplasty in total shoulder arthroplasty for young shoulders with degenerative joint disease. (Nicholson, et al. *J Elbow Surg*, 2009)
- Anatomic osteochondral glenoid reconstruction for recurrent glenohumeral instability with glenoid deficiency using a distal tibia allograft. (Provencher, et. al., *Arthroscopy* 2009)



Fresh Humeral Head



Fresh Distal Tibia



Lateral Meniscus

restoring movement.
restoring life.

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