



Advantages of using the **Medrad 1.5T Multi-Purpose Array**  
In the Abduction and External Rotation (ABER) position



Medrad Multi-Purpose Array in the ABER position

***The ABER position is the most sensitive for identifying a glenoid labral tear.***

***The Medrad 1.5T Multi-Purpose Array is the only Phased Array coil designed to accommodate the ABER position.***

Description of the ABER position:

- The patient's affected arm is raised superiorly above the head, the hand behind their head or neck with the elbow flexed.
- The ABER position stretches the glenohumeral ligament taut and pulls an incompletely torn labrum away from the glenoid; ABER position allows depiction of undersurface tears without being obscured by the humeral head.
- The ABER position is obtained post-contrast and is commonly the last sequence scanned during MR Arthrography. Oblique Axial Plane T1W (400TR, 14TE, 4-mm thickness, 1-mm gap, 2 NEX, 256X192 matrix, 14cm FOV, Fat Sat).

***The Medrad Multi-Purpose Array enables the physician to use Phased Array technology to visualize glenoid labral tears utilizing the ABER position.***

