**Supplementary Material 3.** Forest map of all risk factors and their effect on rotator cuff tears (Experimental = rotator cuff tear; Control = no tear)

**Demographic factors**

Age in years



Body Mass Index (BMI) in kg/m2



Female sex



Male sex



Smoking, yes versus no



Dominant arm



Height in cm



Weight in kg



**Underlying disease**

Traumatic events, yes versus no



Diabetes mellitus, yes versus no



Hypertension, yes versus no



Thyroid disease, yes versus no



**Morphologic parameters**

Acromion index



Lateral acromion angle in°



Critical shoulder angle in °



Glenoid version angle in °



Acromiohumeral distance in mm

