## SUPPLEMENTARY INFORMATION

**Supplementary file 1: Registry cohorts and inclusion/exclusion criteria**

### Table 1. Inclusion and exclusion criteria for registry cohorts

| Registry Cohort | Shoulder Instability | Rotator Cuff | Shoulder Arthritis | Proximal Humeral Fracture | Knee Instability | Knee Arthritis |
|-----------------|----------------------|--------------|---------------------|--------------------------|-----------------|---------------|
| Inclusion Criteria | - Recent dislocation - Traumatic capsuloligamentous injury - Dislocation with glenoid fracture - Atraumatic or voluntary dislocations | - Rotator cuff tear - Subacromial impingement - Cuff arthropathy | - Glenohumeral arthritis that has failed conservative management strategies | - Fracture requiring total shoulder arthroplasty | - ACL rupture that has failed conservative management strategies | - Failing conservative management for knee arthritis and opting to undergo total knee replacement |
| Procedures | - Stabilisation - Bankart repair - Latarjet - Labral repair | - Rotator Cuff Repair - Rev RCR - Superior Capsular Reconstruction - Rotator Cuff reconstruction - Total Shoulder Arthroplasty (reverse) | - Total Shoulder Arthroplasty (anatomic) - Total Shoulder Arthroplasty (reverse) | - Fracture fixation | - ACL Reconstruction - Rev-ACL Reconstruction | - Total Knee Arthroplasty - Revision Total Knee Arthroplasty |
| Exclusion Criteria | - Associated rotator cuff tear - Dislocation with associated proximal humeral fracture - Instability with clinically important secondary arthritis | - Adhesive capsulitis - Calcific tendonitis - Advanced glenohumeral joint arthritis - Tendinopathy - Concomitant labral repair - Inclusion in another cohort for a different index issue - Dislocation with associated cuff tear - Shoulder pathology associated with a dislocation event | - General exclusion criteria for the registry | - Concomitant glenoid fracture associated with an episode of dislocation - Flake avulsions associated with rotator cuff tear or clavicle fracture | - Associated knee dislocation - Requiring multiligament reconstruction or definitive treatment of two or more cruciate or collateral ligaments | - Patients treated with partial knee replacement |