**Figure A1.** Forest plot of rates of return to sport at any level.
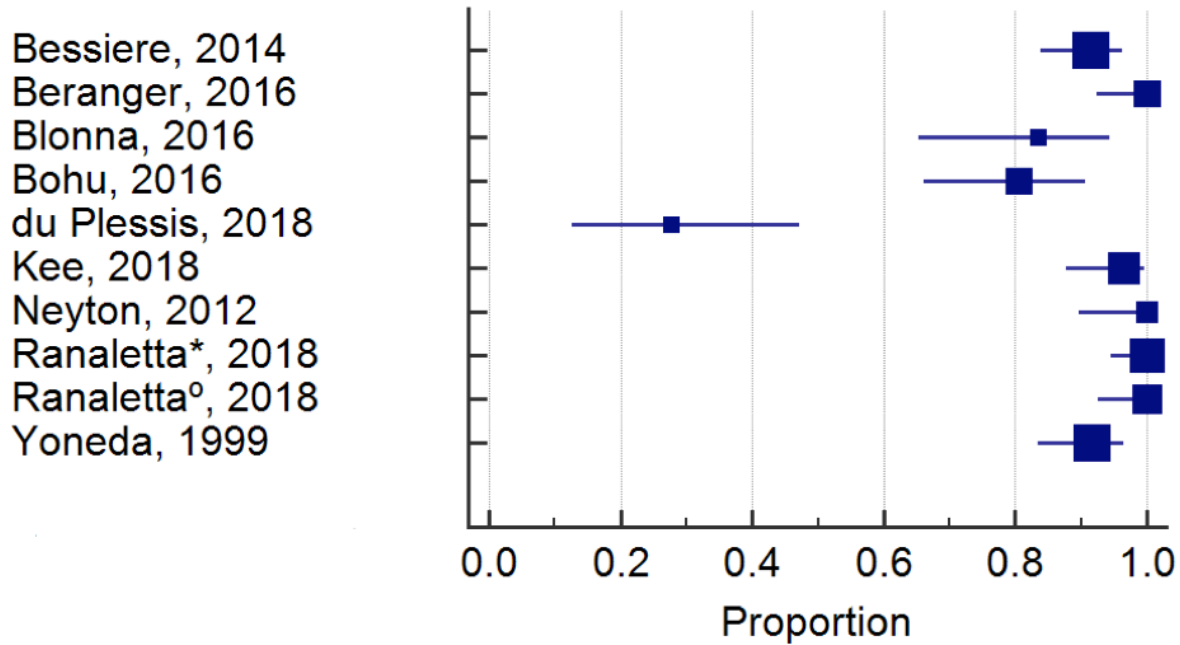


**Figure A2.** Forest plot of rates of return to sport at preinjury level.

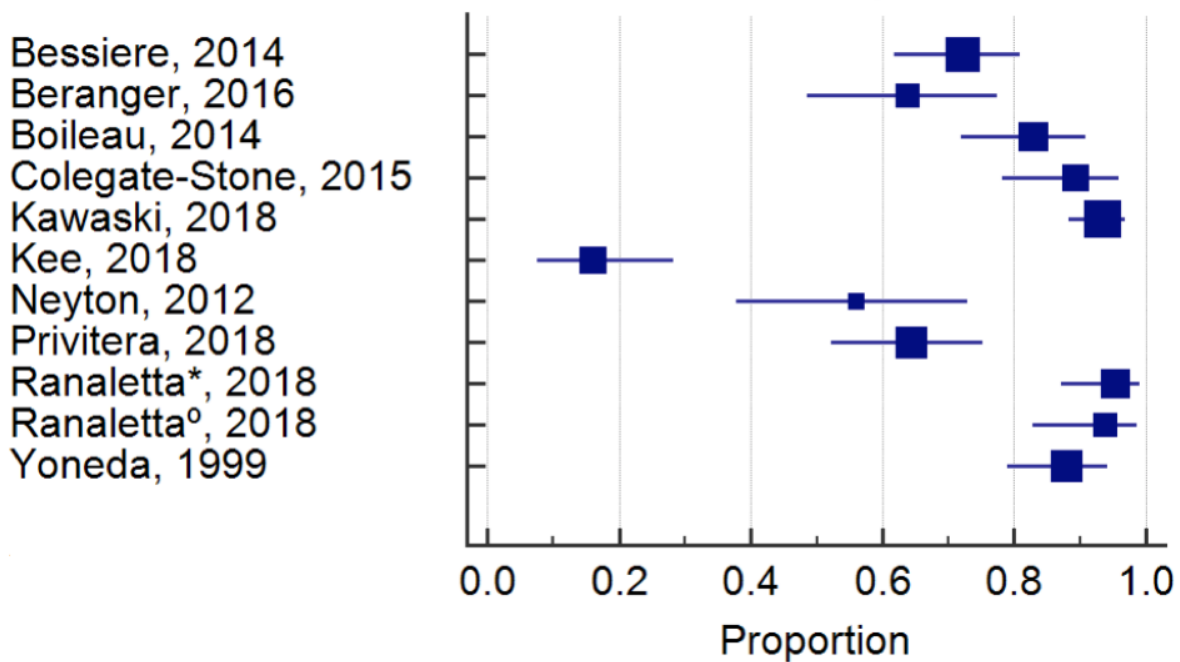**Table A1.** Summary of Included Studies and Patient Demographics

| First Author | Year | LOE | N | Follow-Up | Procedure | Inclusion Criteria |
|---|---|---|---|---|---|---|
| Bessiere | 2014 | III | 93 | 72 (50-118) | Open Latarjet | Open Latarjet procedure for recurrent traumatic anterior instability, minimum 4 years follow-up |
| Beranger | 2016 | IV | 47 | 47 ± 10 | Open Bristow-Latarjet | Minimally invasive Bristow-Latarjet procedure for chronic post-traumatic anterior instability, athlete, age <50 years, ISIS >3, minimum 2 years follow-up |
| Blonna | 2016 | III | 30 | 64 (24-108) | Open Bristow-Latarjet | Posttraumatic recurrent anterior dislocation (2+ episodes), minimum 2 years follow-up, age >18 years |
| Bohu | 2016 | III | 46 | 18 ± 5 | Open Latarjet | Primary minimally invasive Latarjet procedure for unidirectional anterior instability |
| Boileau | 2014 | IV | 70 | 35 | Arhroscopic Bristow-Latarjet combined with Bankart repair | ISIS > 3, presence of severe glenoid bone defect (>20% of surface measured on CT) |
| Colegate-Stone | 2015 | III | 56 | 12 | Modified congruent arc Latarjet | Modified congruent arc Latarjet procedure, athlete with recurrent anterior instability |

| Author | Year | Level | N | Follow-up | Procedure | Inclusion criteria |
|---|---|---|---|---|---|---|
| du Plessis | 2018 | IV | 29 | ≥12 | Modified Latarjet (Walch-Boileau) | Female with recurrent anterior instability who played a contact sport, had anterior glenoid bone loss >10% or Hills-Sachs lesion of >20%, or had failed soft tissue stabilization procedure |
| Kawaski | 2018 | IV | 152 | 51 (47-56) | Open Bristow | Competitive rugby players who desired to return to play, injury involving acute or recurrent dislocation/subluxation, minimum 2 years follow-up |
| Kee | 2018 | IV | 56 | 67 (24-113) | Open Latarjet | Latarjet procedure for recurrent anterior instability, athlete, minimum 2 years follow-up |
| Neyton | 2012 | IV | 34 | 144 (68-237) | Latarjet-Patte | Rugby players with recurrent anterior instability treated with Latarjet-Patte procedure |
| Privitera | 2018 | IV | 73 | 52 (24-120) | Open Latarjet | Open Latarjet procedure, signs of anterior instability on examination and glenoid osseous defect on CT or prior failed anterior shoulder stabilization procedure, participation in contact/collision sport |
| Ranaletta* | 2018 | IV | 65 | 44 (24-108) | Modified Latarjet without capsulolabral repair | Modified Latarjet procedure without capsulolabral reconstruction, recurrent shoulder instability after at least one previous surgery, clinical findings of recurrence of anterior shoulder instability and glenoid lesion > 20% on CT, athlete |

| | | | | | | |
|---|---|---|---|---|---|---|
| Ranaletta[o] | 2018 | IV | 49 | 48 (24-108) | Modified Latarjet without capsulolabral repair | Modified congruent arc Latarjet procedure without capsulolabral repair, recurrent anterior instability, competitive rugby player (practice >2 times per week and competitions during weekends), glenoid bone defect > 20% on CT |
| Yoneda | 1999 | IV | 83 | 70 (24-144) | Arthroscopic Bankart repair augmented by coracoid transfer | Bankart procedure augmented by coracoid transfer, traumatic anterior dislocation or subluxation, contact athlete, minimum 2 years follow-up |

Follow-up is reported in months (range). LOE (Level of evidence), ISIS (Instability Severity Index Score).

**Table A2.** Patient Reported Outcomes

|  | First Author | Year | N | Score |
|---|---|---|---|---|
| Rowe | Bessiere | 2014 | 93 | 78 (10-100) |
|  | Boileau | 2014 | 70 | 89.7 (65-100) |
|  | Kawaskai | 2018 | 152 | 87.7 (85.5-89.9) |
|  | Kee | 2018 | 56 | 88.6 |
|  | Neyton | 2012 | 34 | 93 (60-100) |
|  | Ranalletta | 2018 | 49 | 94 |
|  | Ranalletta | 2018 | 65 | 90 |
|  | Yoneda | 1999 | 83 | 91 (30-100) |
| WOSI | Beranger | 2016 | 47 | 223.6 |
|  | Bohu | 2016 | 46 | 343.4 |
|  | du Plessis | 2018 | 29 | 433 (63-1927) |
|  | Kawaskai | 2018 | 152 | 534.3 (473.4-595.3) |
| SSV | Bessiere | 2014 | 93 | 90 (30-100) |
|  | Blonna | 2016 | 30 | 75 |
|  | du Plessis | 2018 | 29 | 87 (5-100) |
|  | Neyton | 2012 | 34 | 90 (60-100) |

WOSI (Western Ontario Shoulder Instability Index), SSV (Subjective Shoulder Value).