

CORRECTION

Correction: Randomised Trial Support for Orthopaedic Surgical Procedures

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The image for [Fig 2](#) is incorrect. Please see the corrected [Fig 2](#) here.



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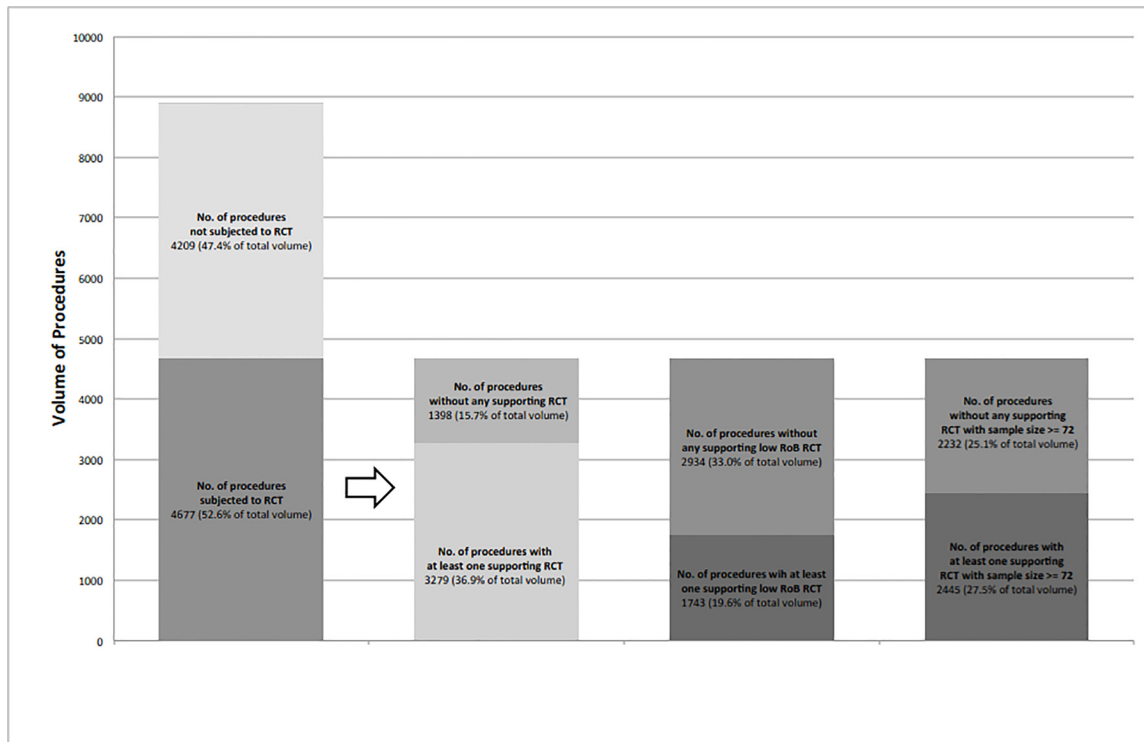


Fig 2. Procedure Volume versus Degree of RCT Evidence and Support.

doi:10.1371/journal.pone.0144682.g001

The image for [Fig 3](#) is incorrect. Please see the corrected [Fig 3](#) here.

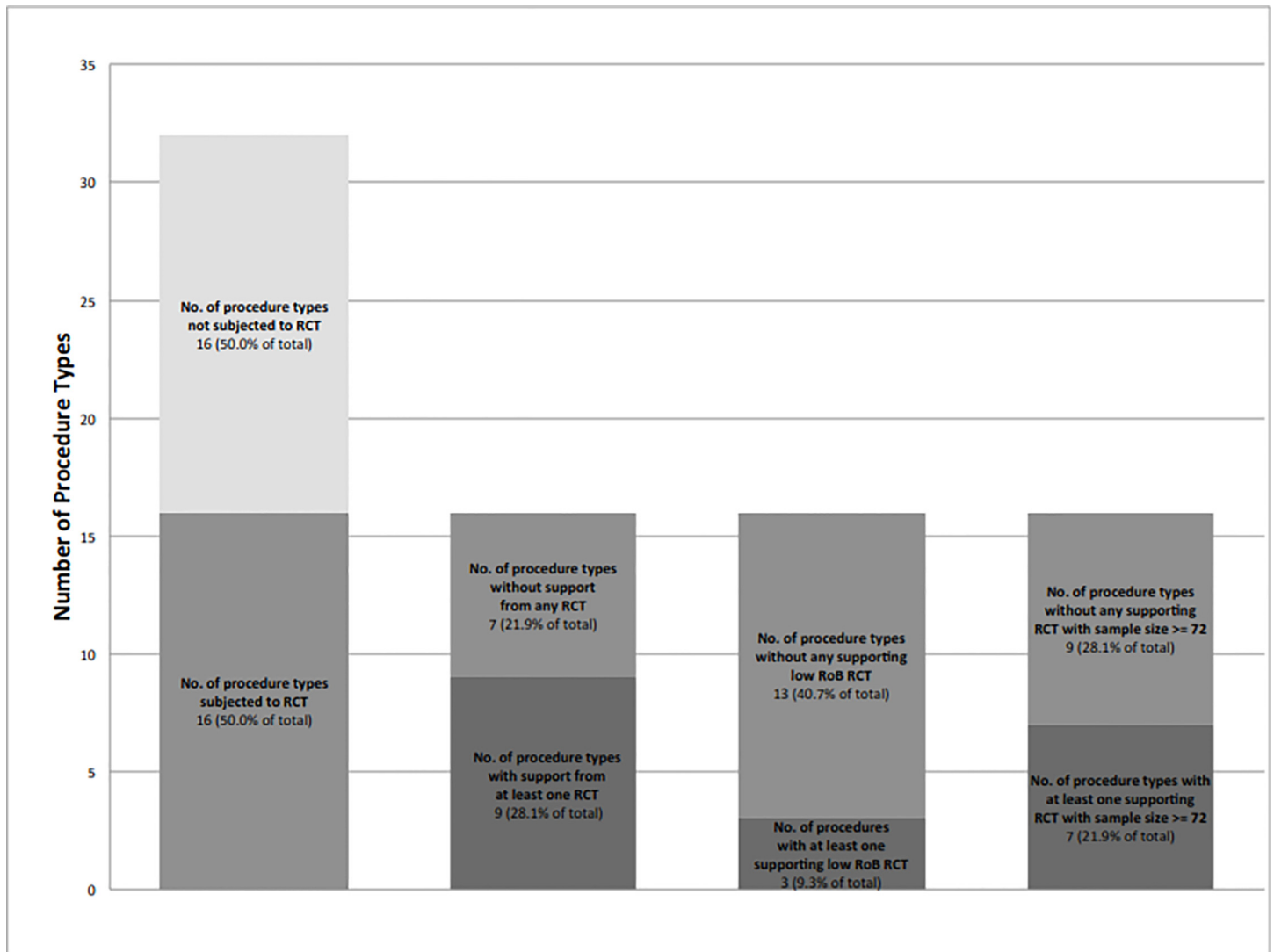


Fig 3. Procedure Type versus Degree of RCT Evidence and Support.

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There are errors in the “Number of RCTs with sample size ≥ 72 supporting surgical procedure” column of [Table 2](#). Please see the corrected [Table 2](#) here.

Table 2. Flow of RCT screening, inclusion and surgical procedure support for each search executed on CENTRAL/CDSR/DARE on 32 unique procedures.

| Procedure: | Number of procedures performed | Number of articles retrieved from CENTRAL/CDSR/DARE | Number of RCTs included after title/abstract screening | Number of RCTs included after full text screening | Number of RCTs supporting surgical procedure | Number of RCTs not supporting surgical procedure | Number of low risk of bias RCTs supporting surgical procedure | Number of RCTs with sample size ≥ 72 supporting surgical procedure |
|---|--------------------------------|---|--|---|--|--|---|---|
| 1 Knee arthroscopy | 1349 | 861 | 12 | 10 | 1 | 9 | 1 | 1 |
| 2 Knee arthroplasty | 1023 | 1798 | 0 | 0 | - | - | - | - |
| 3 Hip arthroplasty | 917 | 771 | 0 | 0 | - | - | - | - |
| 4 Removal/debridement/wound cleaning | 775 | 1967 | 0 | 0 | - | - | - | - |
| 5 Internal fixation of proximal or shaft fracture of the femur | 766 | 862 | 2 | 2 | 0 | 2 | 0 | 0 |
| 6 Internal fixation of distal radius fracture | 765 | 683 | 14 | 11 | 2 | 9 | 0 | 0 |
| 7 Removal of implants | 697 | 859 | 0 | 0 | - | - | - | - |
| 8 Ankle fracture fixation | 435 | 1028 | 9 | 7 | 2 | 5 | 0 | 1 |
| 9 Acromioplasty repair of rotator cuff | 237 | 171 | 8 | 5 | 1 | 4 | 1 | 1 |
| 10 Shoulder arthroscopy | 202 | 224 | 0 | 0 | - | - | - | - |
| 11 Open reduction of fracture of shaft of tibia with internal fixation | 170 | 337 | 4 | 4 | 0 | 4 | 0 | 0 |
| 12 Osteotomy | 169 | 560 | 2 | 2 | 1 | 1 | 0 | 1 |
| 13 Open reduction of joint dislocation (shoulder, acromioclavicular & patella respectively) | 157 | 120, 14, 22 | 9, 3, 6 | 6, 3, 4 | 5, 0, 1 | 1, 3, 3 | 2, 0, 0 | 1, 0, 0 |
| 14 Knee, repair of cruciate ligament | 157 | 662 | 6 | 3 | 0 | 3 | 0 | 0 |
| 15 Tibia, plateau of, medial or lateral fracture, open | 100 | 341 | 0 | 0 | - | - | - | - |
| 16 Repair of achilles tendon rupture | 89 | 281 | 13 | 9 | 0 | 9 | 0 | 0 |
| 17 Humerus, distal, treatment of fracture by open reduction | 87 | 191 | 3 | 1 | 0 | 1 | 0 | 0 |
| 18 Olecranon, treatment of fracture by open reduction (intern fix) | 82 | 433 | 0 | 0 | - | - | - | - |
| 19 Arthroscopy of ankle | 77 | 48 | 0 | 0 | - | - | - | - |
| 20 Joint arthrodesis | 76 | 742 | 1 | 1 | 0 | 1 | 0 | 0 |
| 21 Abscess drainage | 69 | 988 | 5 | 5 | 1 | 4 | 0 | 0 |

(Continued)

Table 2. (Continued)

| Procedure: | Number of procedures performed | Number of articles retrieved from CENTRAL/CDSR/DARE | Number of RCTs included after title/abstract screening | Number of RCTs included after full text screening | Number of RCTs supporting surgical procedure | Number of RCTs not supporting surgical procedure | Number of low risk of bias RCTs supporting surgical procedure | Number of RCTs with sample size ≥ 72 supporting surgical procedure |
|---|--------------------------------|---|--|---|--|--|---|---|
| 22 Clavicle, treatment of fracture, open reduction | 61 | 89 | 4 | 3 | 1 | 2 | 0 | 1 |
| 23 Patella, treatment fracture, by internal fixation open reduction | 53 | 142 | 0 | 0 | - | - | - | - |
| 24 Humerus, proximal, treatment of fracture, open reduction | 53 | 191 | 3 | 2 | 0 | 2 | 0 | 0 |
| 25 Amputation | 48 | 678 | 0 | 0 | - | - | - | - |
| 26 Foot (not talus or calcaneus) fracture fixation | 47 | 285 | 0 | 0 | - | - | - | - |
| 27 Acetabulum, treatment of fracture by open reduction | 42 | 443 | 0 | 0 | - | - | - | - |
| 28 Excision of ganglion | 40 | 198 | 0 | 0 | - | - | - | - |
| 29 Wedge resection of ingrown toenail | 39 | 301 | 0 | 0 | - | - | - | - |
| 30 Release of carpal tunnel | 37 | 397 | 6 | 5 | 4 | 1 | 0 | 3 |
| 31 Shoulder Arthroplasty | 37 | 99 | 0 | 0 | - | - | - | - |
| 32 Fasciotomy | 30 | 87 | 0 | 0 | - | - | - | - |
| Total | 8886 | 16873 | 110 | 83 | 19 | 64 | 3 | 9 |

doi:10.1371/journal.pone.0144682.t001

Reference

1. Lim HC, Adie S, Naylor JM, Harris IA (2014) Randomised Trial Support for Orthopaedic Surgical Procedures. PLoS ONE 9(6): e96745. doi:[10.1371/journal.pone.0096745](https://doi.org/10.1371/journal.pone.0096745) PMID: [24927114](https://pubmed.ncbi.nlm.nih.gov/24927114/)