

Appendix B: Table of eligible on-going studies

| Title | ID | Comparison | Status | Design | Contact | Country |
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| ClinicalTrials.gov | | | | | | |
| Comparison of Combined Lumbar and Sacral Plexus Block With Sedation Versus General Endotracheal Anesthesia on Postoperative Outcomes in Elderly Patients Undergoing Hip Fracture Surgery(CLSB-HIPELD): Rationale and Design of a Prospective, Multicenter, Randomized Controlled Trial | NCT03318133 | General vs Combined lumbar plexus and sacral plexus block(CLSB) | Not yet recruiting patients | Double blind randomised trial | Xiaofeng Wang | China |
| The Comparative Effects of Regional or General Anesthesia on the Prognosis of Hip | NCT03116490 | General vs Regional | Recruiting patients | Prospective observational cohort | Ting Li | China |

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| Fracture Surgery on Elderly Patients | | | | | | |
| Variations in Anaesthesia care for hip fracture surgery | NCT02787031 | General vs Neuraxial | Recruitment completed but no results available | Retrospective observational cohort | Ottawa Hospital Research Institute | Canada |
| Regional versus general anaesthesia for promoting independence after hip fracture | NCT02507505 | General vs Regional | Recruiting patients | Double blind randomised trial | Mark Powell/ Mark Neuman | USA |
| Effect of anaesthesia on post-operative delirium in elderly patients undergoing hip fracture surgery | NCT02213380 | General vs Regional | Recruiting patients | Open label randomised controlled trial | Ting Li/ Sishi Chen | China |
| The safety of anaesthesia management for traumatic hip surgery in elderly | NCT02692989 | General vs Regional | Ongoing, but not recruiting patients | Retrospective observational cohort | Subhi M Alghanem | Jordan |
| Anaesthesia and post-operative mortality after proximal femur fractures | NCT02406300 | Peripheral nerve block/ General vs Subarachnoid anaesthesia | Enrolling patients by invite only | Double blind randomised controlled trial | Raul Carvalho | Portugal |

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| Effect of anaesthesia in fracture healing | NCT02621255 | General vs Regional | Recruiting patients | Double blind randomised trial | Ebru Biricik | Turkey |
| Mortality following surgery for proximal femoral fractures | NCT01807039 | General vs. Subarachnoid anaesthesia | Study has been completed | Retrospective observational cohort | Petr Štourač | Czech Republic |
| ICTRP | | | | | | |
| Hypobaric Lateral Spinal Anesthesia Versus General Anesthesia: Hemodynamic Stability and Short Term Cardiovascular Complications in Elderly Patients Undergoing Hip Fracture Surgery. | NCTNCT03373864 | General vs Hypobaric lateral spinal | Recruiting patients | Randomised controlled trial | Claire Delsuc | France |
| Effects of different anesthesia methods on postoperative complications and hospital mortality in elderly patients | ChiCTR-RRC-17013545 | General vs Regional | Recruiting patients | Prospective cohort | Xu Mao | China |

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| with hip fracture | | | | | | |
| Hemodynamic effects of general and spinal anaesthesia for hip fracture surgery | IRCT201308316280N4 | General vs Spinal | Completed | Double blind randomised trial | Mohammad Haghighi | Iran |
| ISRCTN | | | | | | |
| A Feasibility Randomised Controlled Trial to compare REgional versus General Anaesthesia in Reducing Delirium in patients with Hip Fractures | ISRCTN15165914 | General vs Regional | Recruiting patients | Randomised controlled trial | Joyce Yeung | UK |