Supplementary Data 2. PRISMA flow chart

KQ1. Does hospital-based multidisciplinary rehabilitation have more clinical effects than usual postoperative treatment in patients with hip fracture surgery?
KQ2. Is it functionally effective to start rehabilitation early (within 48 h after surgery) after hip fracture surgery?
KQ3. Is supervised progressive resistance exercise more effective than self-directed exercise in patients with hip fracture surgery?
**KQ4.** Does weight-bearing exercise affect functional recovery after hip fracture surgery?

PubMed (4,262), Embase (5,773), Cochrane (593), KoreaMed (1,371)
Total (n=11,999)

Additional records identified through other sources (n=0)

Records after duplicates removed (n=8,846)

Records screened (n=8,846)

Records excluded (n=8,814)

Full-text articles assessed for eligibility (n=32)

Full-text articles excluded for irrelevancy (n=21)

Studies included in qualitative synthesis (n=11)
**KQ5.** After hip fracture surgery, is rehabilitation treatment, including balance exercise, more effective than usual exercise?
KQ6. Should activities of daily living training be included in rehabilitation treatment after hip fracture surgery?
KQ7. Is multidisciplinary rehabilitation treatment after hip fracture surgery cost-effective?

PubMed (2,213), Embase (4,012), Cochrane (406), KoreaMed (14)
Total (n=6,645)

Additional records identified through other sources (n=0)

Records after duplicates removed (n=5,392)

Records screened (n=5,392)

Records excluded (n=5,381)

Full-text articles assessed for eligibility (n=11)

Full-text articles excluded for irrelevancy (n=8)

Studies included in qualitative synthesis (n=3)
KQ8. Is home-based hip fracture rehabilitation effective during the recovery period after hip fracture surgery?
KQ9. Is home-based hip fracture rehabilitation effective during the maintenance period after hip fracture surgery?
**KQ10.** After hip fracture surgery, can nerve block reduce postoperative pain?
KQ11. After hip fracture surgery, is VTE prevention using compression therapy/drug treatment required?
KQ12. Should the indwelling catheter be removed early after hip fracture surgery to reduce urinary tract infection?
KQ13. Can bisphosphonate administration reduce refracture and mortality after hip fracture surgery?
KQ14. After hip fracture surgery, does nutritional evaluation and planning help functional recovery?
KQ15. After hip fracture surgery, does high protein supplementation help restore function?