

Trainee involvement in hip fracture surgery does not compromise post-operative complications

Results of a Single-Centre Study

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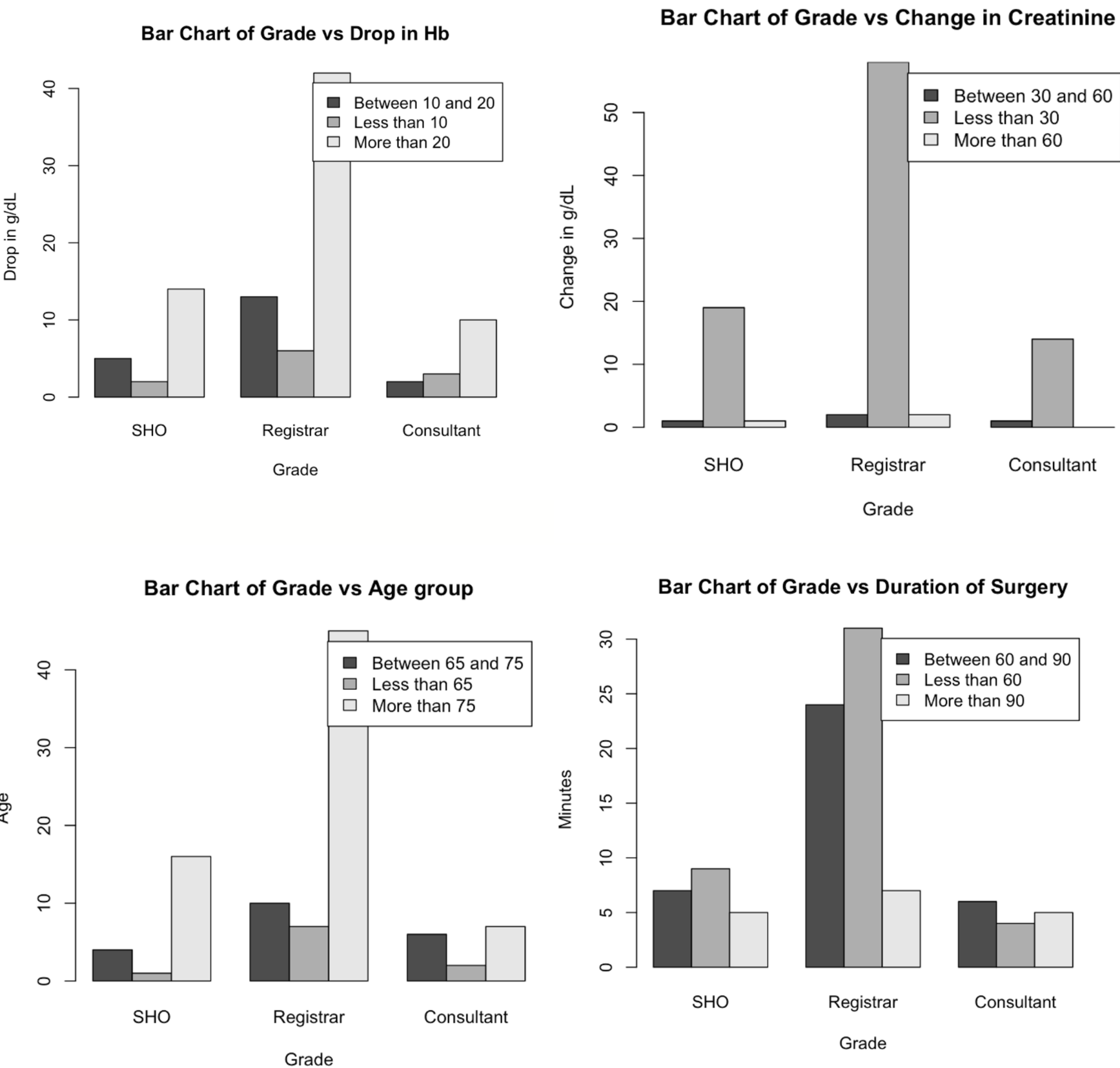
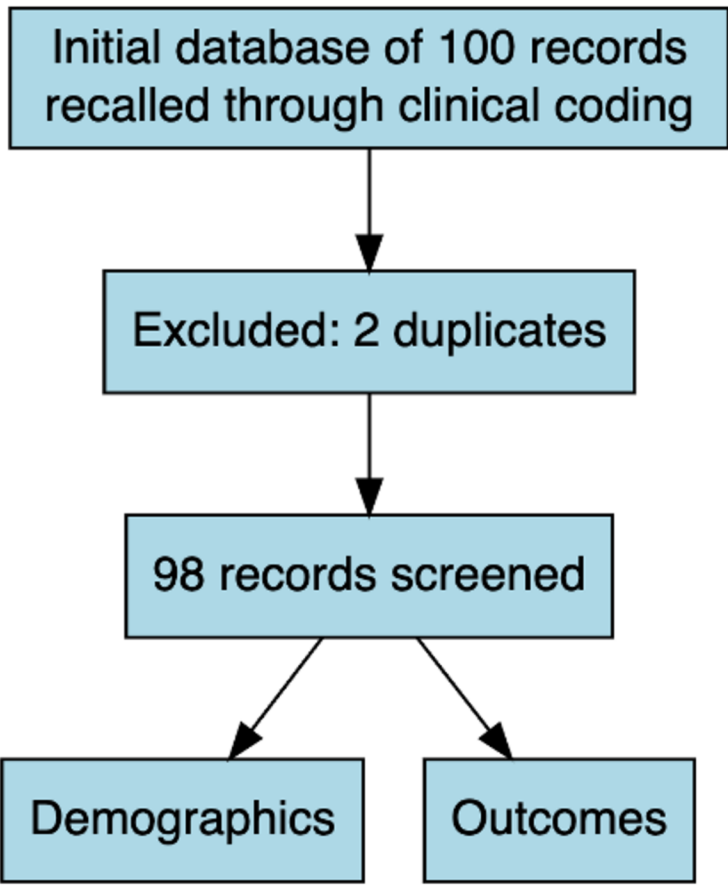
1 Background

Significant blood loss during hip fracture surgery is associated with increased morbidity and mortality. Trainee involvement in hip fracture procedures has increased, as training requirements have evolved.

2 Methodology

Design: Retrospective Case Series
Population: Patients undergoing emergency surgery for acute hip fracture (Replacement or Fixation)
Comparators: Surgeons of 3 grades (Consultants, Registrars, Senior House Officers)
Outcomes: Primary outcomes were post-operative change in haemoglobin (Hb) and creatinine. Secondary outcomes were post-operative blood transfusion requirement and length of hospital stay (LOS)
Duration: Between 01/01/2024 and 31/03/2024 at Russells Hall Hospital.

3 Results



4 Conclusion

Supervised resident involvement does not worsen clinical outcomes for patients undergoing hip fracture surgery