

### 739 The Management and Outcomes of Patients with Fractured Neck of Femur During The COVID-19 Pandemic; A District General Hospital Experience

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**Background:** The UK announced a “lockdown” in response to COVID-19 on 23/03/2020, despite this NHS England did not anticipate a significant decrease in hip fracture cases. Early data from Europe had shown mortality rates of up to 30.4% in patients who develop COVID-19 and a hip fracture.

**Method:** Prospective study of patients presenting with a hip fracture between 23/03/2020 and 18/05/2020. Primary outcomes were 30-day mortality and COVID-19 status. Secondary outcomes were length of stay, discharge destination and readmission.

**Results:** 50 patients identified, mean age 82. 49 patients underwent operation, 34 (69.4%) within 48 hours of admission. 14 Patients (28%) tested positive for COVID-19 within 30 days. 30-day mortality was 10% (n = 5). 2 patients who died were COVID-19 positive. Mean length of stay was 12.3 days. 7 patients (14%) re-admitted within 30 days, 4 with COVID-19.

**Conclusions:** Despite extra strain on the hospital, we believe we achieved good outcomes for this cohort. Compared to previous NHFD data we decreased our length of stay and time to operation. 30-day mortality increased (8.4% in 2018) but we believe this to be expected in vulnerable patients during a pandemic. We hope to take lessons we have learnt during the pandemic into the post-pandemic era.