

Paper Category:	6. Surgery and Perioperative Medicine
Paper Title: (Arial Font; 14 Pt Size)	Management of osteoporotic hip fractures - a pilot Orthogeriatric service in a tertiary hospital in Malaysia
Abstract Body: (Arial Font; 12Pt Size)	<ul style="list-style-type: none"> • Background • Objectives • Method • Results • Discussions and Conclusions
<p>Background: Osteoporotic hip fractures are associated with significant disability, morbidity, and mortality. The IOF has predicted that Malaysia will face the greatest increase in the number of hip fractures in the region by 2050. Timely surgical intervention is the management option of choice for osteoporotic hip fractures. Postoperatively, rehabilitation, fall prevention and anti-osteoporotic drugs assumes priority. An orthogeriatric liaison service has been available in our hospital since January 2022 with the aim to improve the management of osteoporotic hip fractures.</p> <p>Objectives: The aim of this study is to look at the management of osteoporotic hip fractures in a tertiary public hospital in Malaysia.</p> <p>Method: This is a retrospective observational study of older adults aged 60 and over admitted with fragility hip fractures from 1st January 2022 to 28th February 2023.</p> <p>Results: A total 149 patients were recruited with a female preponderance of 112 (75%). The mean (SD) age was 78.1 (7.6) years. Only twenty-one (14%) patients were known to have osteoporosis at presentation. 102 (68%) received surgical intervention with a median time to surgery of 8.3 days (14 hours to 26 days), while 47 (32%) were treated conservatively. 137(92%) patients received Vitamin D and Calcium supplements upon discharge. Post operatively, 68 (66.7%) were started on osteoporosis treatment. Only 56% were commenced on osteoporosis treatment overall.</p> <p>Discussions and Conclusions: There is room for improvement in the management of osteoporosis in our centre. The proportion receiving surgery can be improved. Our median time to surgery is long compared to established centres with a wide range. The proportion of patients commenced on osteoporotic therapy is disappointingly low and represents an opportunity missed. We propose the implementation of a structured pathway for the management of osteoporotic hip fractures.</p>	

Date of Submission: 2nd August 2023

Total number of words: 300 words

Please submit the completed abstract form by 2 August 2023 via the online submission portal at (<https://sgms.org.sg/abstract-submission/>.)

Instructions

1. The names of the author and co-authors must not be identifiable on this form.
2. Abstract body should not exceed 300 words.
3. Abstract title to be in Arial Font & Bold 14Pt and abstract body to be in Arial Font & 12Pt.
4. The use of standard abbreviations is acceptable. Place special or unusual abbreviations in brackets after the full word the first time it appears.
5. The use of tables, graphs, and other types of images in abstracts is not permitted.
6. Please submit this form in PDF format.
7. Only abstracts submitted via the online submission portal will be accepted.