Appendix to: Lee JC, Koo K, Wong EKC, et al. Impact of an orthogeriatric collaborative care model for older adults with hip facture in a community hospital setting. *Can J Surg* 2021. 

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**Appendix 1**

**Data Abstraction Guide**

**Demographics**

| | |
|---|---|
| Age | Integer value in years |
| Sex | 0 = Male<br>1 = Female |
| Charlson Co-morbidity index[19] | Calculated |
| Place of residence prior to admission | 0 = home<br>1 = retirement or assisted living facility<br>2 = skilled nursing facility or complex continuing care<br>3 = rehabilitation facility |
| Therapeutic anticoagulation status on admission | 0 = no<br>1 = yes |
| Type of fracture | 0 = displaced intracapsular<br>1 = stable intertrochanteric<br>2 = unstable intertrochanteric<br>3 = unstable subtrochanteric |
| Date and time of radiologic diagnosis | YYYY-MM-DD h:mm format |
| Type of surgery | 0 = total hip arthroplasty<br>1 = hemiarthroplasty<br>2 = sliding hip screw<br>3 = intramedullary nail<br>4 = nonoperative |
| Mode of anesthesia | 0 = regional (spinal)<br>1 = general |
| ICU stay | 0 = no<br>1 = yes |

**Intervention**

| | |
|---|---|
| Seen by geriatric medicine | 0 = no<br>1 = yes |
| Date and time of geriatric medicine assessment | YYYY-MM-DD h:mm format |

**Process Measures**

| | |
|---|---|
| Date and start time of surgery<br>- Abstracted from time of anesthesia start | YYYY-MM-DD h:mm format |
| Use of standing Acetaminophen<br>- At any time during admission | 0 = no<br>1 = yes |
| Use of pre-operative peripheral nerve block | 0 = no |

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| | |
|---|---|
| - By documentation on ED record, progress notes, or consultation notes | 1 = yes |
| Identification of delirium prevention strategies<br>- At least one delirium prevention strategy documented | 0 = no<br>1 = yes |
| Osteoporosis assessment performed<br>- at minimum requires documentation of osteoporosis/ bone-health as an issue with a plan for either further investigations or treatment | 0 = no<br>1 = yes |
| Mental status assessment<br>- documentation of absence/presence of cognitive impairment and/or delirium | 0 = no<br>1 = yes |
| Falls assessment<br>- Identify at least the precipitant and at least 1 predisposing factor<br>- If there were no predisposing factors for increased risk of falls, then documentation of pertinent negatives must be present | 0 = no<br>1 = yes |

**Outcome Measures**

| | |
|---|---|
| Admission date | YYYY-MM-DD format |
| Discharge date | YYYY-MM-DD format |
| Presence of delirium during hospital stay:<br>- Delirium was defined by "*any evidence from the chart of acute confusional state (e.g., delirium, mental status change, inattention, disorientation, hallucinations, agitation, inappropriate behavior, etc.*"[18] | 0 = no<br>1 = yes |
| Delirium start date | YYYY-MM-DD format |
| Delirium end date | YYYY-MM-DD format |
| Discharge destination | 0 = home<br>1 = retirement or assisted living facility<br>2 = skilled nursing facility or complex continuing care<br>3 = rehabilitation facility<br>4 = another acute care hospital |
| Vitamin D and/or Calcium prescribed<br>- Prescribed in hospital or continued in hospital from home medication | 0 = no<br>1 = yes |

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| | |
|---|---|
| Antiresorptive recommended<br>- Prescribed in hospital, continued in hospital from a home medication, or a referral to the family physician or osteoporosis clinic was stated for consideration of antiresorptive medications | 0 = no<br>1 = yes<br>2 = contraindicated |
| In-hospital mortality | 0 = no<br>1 = yes |
| New UTI in hospital (more than 48hr post admission to hospital) | 0 = no<br>1 = yes |
| Hospital-acquired pneumonia (new pneumonia acquired more than 48hr post admission to hospital) | 0 = no<br>1 = yes |
| Deep vein thrombosis or Pulmonary embolism in hospital | 0 = no<br>1 = yes |
| Acute coronary syndrome<br>- Excludes demand ischemia | 0 = no<br>1 = yes |