



Improving screening and interventions for Delirium in hip fracture patients over the age of 75 in acute care

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The Problem

TOH cares for over 300 patients over the age of 75 each year with hip fractures

Delirium is very prevalent in older adults with hip fractures – up to 61%

Poor outcomes associated with delirium

Opportunity to improve interdisciplinary care for this patient population

The approach

Goals:

- Identify delirium in hip fracture patients on the Orthopaedic Units at TOH
- Introduce a collaborative care approach for delirium between the orthopaedic and geriatric teams
- Enhance delirium education on the units
- Improve communication between teams, and with patients and their families

The approach

- Regular case finding by GNS / APN Geriatrics
- Determine if patient screened on admission using the CAM (as per Nursing Policy)
- Review chart, assess patient (using the CAM)
- Suggest interventions to reduce risk / manage delirium using a standardized form
- Follow patient; support clinical staff with care strategies, interventions
- Recommend Geriatrics consult if a geriatrician assessment required

Results

October 1, 2012 to September 30, 2013

- 388 patients seen (Civic - 177; General - 211)
- Average age – 85.2 years (Range 75-102)
- 72% female
- 80/388 (21%) screened on admission by clinical (nursing) staff; 30% were CAM +
- 371/388 (95%) screened by GNS / APN on first assessment; 22% were CAM +
- 46.1% had a delirium suspected at some point during hospital stay



Results

- 37.4% had a documented diagnosis of dementia prior to admission
- Clinical staff demonstrated an increased ability to recognize and implement interventions
- Most recent hospital wide prevalence showed 73% patients were screened on admission
- Anecdotal evidence of enhanced relationship between orthopaedics and geriatrics
- Length of stay data currently being analysed



Next Steps

- Ongoing presence of Geriatrics on Orthopaedics; attend rounds once a week
- Nursing consults initiated for CAM + patients
- Exploring options for new initiatives with other services who have self identified high rates of delirium
- Continued education of all clinical staff

Merci



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Questions?

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