



# CASTED: Emergency The 'Hands-On' ED Orthopedics Course

Roger Mantero, Carol Brown, Allison Ho, Cindy Bingham and Arun Sayal  
North York General Hospital; Toronto, Canada

## Created at NYGH

CASTED: Emergency is a full-day, accredited CME course that helps Emergency Department (ED) staff better manage patients with acute fractures and musculoskeletal injuries.

CASTED combines case-based lectures with hands-on practice. The lectures help participants understand the 'why' and the 'when' – the hands-on practice helps with the 'how'.

CASTED evolved from two unique features of NYGH. First, a patient care model where our orthopedic surgeons invited a non-surgeon to manage their patients with minor fractures. Second, a community hospital dedicated to continuing medical education.

Blending the expert teaching from the surgeons with the experience of running the Minor Fracture Clinic, many tips were learned on the proper care of ED patients with acute MSK injuries. By adding skilled NYGH orthopedic technologists as faculty and the support of Conference Services, a full-day, hands-on course was feasible. The CASTED team shares NYGH's experience with ED staff across Canada.



## Numbers and Impact

Since 2008, CASTED has been presented over 130 times across Canada to over 2500 registrants. This year, over 35 courses will be presented in eight provinces.

From the original CASTED course, a number of related courses have been developed & presented:

- CASTED: Kids – for pediatric EDs
- CASTED: Nurses – for ED nurses
- CASTED: Forces – for military personnel
- CASTED: Fracture Clinic – for follow-up of fractures
- CASTED: Primary Care – for Family Physicians

CASTED registrants' were asked to rate their 'comfort in dealing with ED orthopedics' both pre-course and post-course. *On average, they reported an increase of 51.7%\* at 30 days post course.*

\* (5.17 vs. 7.84 out of 10, n=449, Sep 2011 – June 2013)

## Courses Across Canada

