



CAPTURE THE FRACTURE® PARTNERSHIP

THE NEED FOR SECONDARY FRACTURE PREVENTION

An IOF initiative, supported by Amgen and UCB in collaboration with the University of Oxford



Acknowledgements

Capture the Fracture Steering Committee:

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- Prof Stefan Goemaere, Ghent University, Belgium
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- Dr Philippe Halbout, Chief Executive Officer of IOF

Slide Kit Breakdown

This slide kit covers:

- The burden of fragility fractures
- The fracture cascade
- The worldwide care gap



The Burden of Fragility Fractures



Fragility fractures are common

- 1 in 3 women and 1 in 5 men over 50 years of age.
- One fracture every 3 seconds

Fractures are costly

- EU : estimated costs of 32 billion EUR per year
- USA: cost of 20 billion USD per year

Fractures affect quality of life

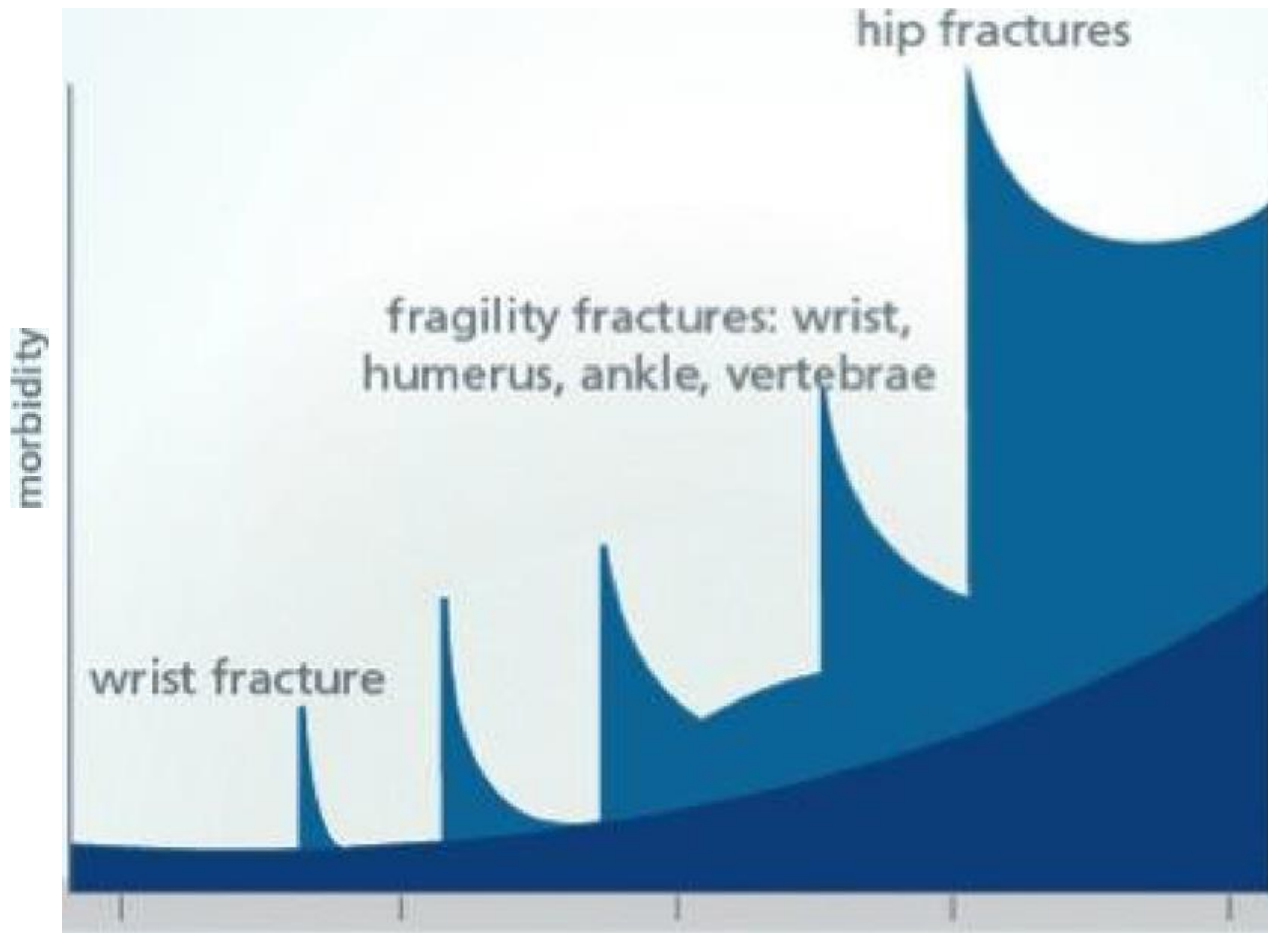
- Functional decline, loss of Independence
- Mortality

Hip Fracture Significantly Affects Quality of Life

- Functional decline was 32% at discharge and remained at 16% at 1 year
- After 12 months, 30% of patients were still unable to walk independently compared to 7% of controls
- 19% of patients were institutionalized over 1 year compared to 4% of controls
- Mortality was 19% over 1 year compared to 3% in age and residence matched controls

Boonen S, Autier P, Barette M, Vanderschueren D, Lips P, Haentjens P (2004) Functional outcome and quality of life following hip fracture in elderly women: a prospective controlled study. *Osteoporos Int* 15:87-94

Excess Morbidity Caused by Fragility Fractures

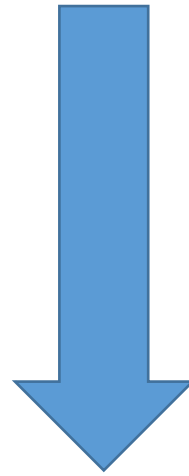


Excess morbidity associated with fracture event

Morbidity attributable to ageing alone



One Fracture



More Fractures



The fracture cascade

- A prior fracture at any skeletal site doubles future fracture risk.
- 2nd fracture often happens within 6-8 months



A Missed Opportunity to Prevent Secondary Fractures

- Half of patients presenting with hip fractures have suffered a prior fracture

Wrist and vertebral fractures are common first fractures



Fragility Fractures Are No Accident

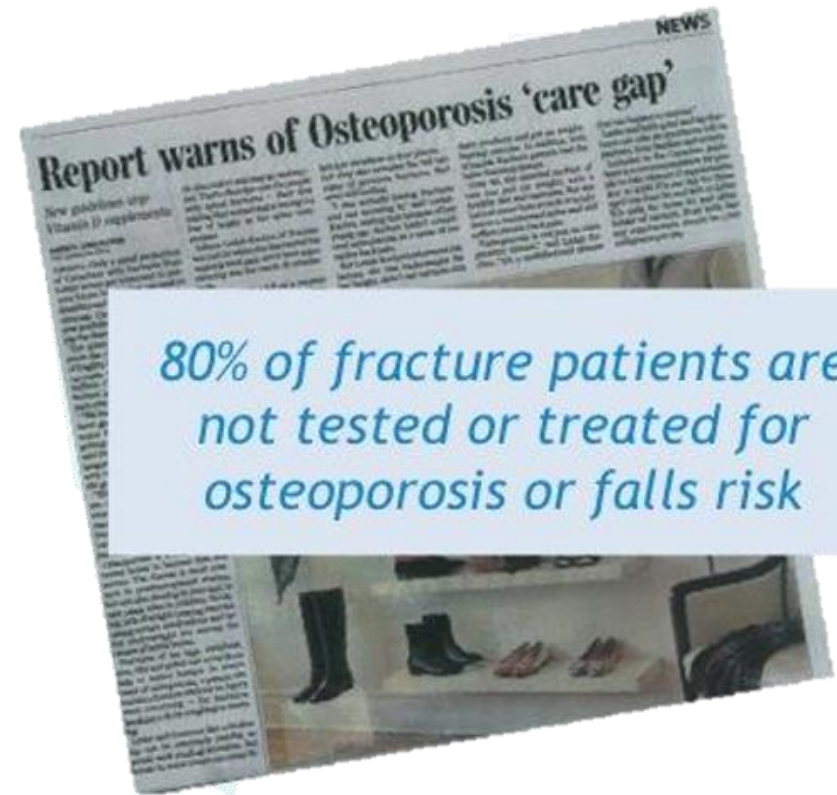
The underlying cause is *Osteoporosis*



The Worldwide Care Gap

Fragility fracture patients :

- Fail to have risk assessed
- Remain untreated
- Lack prescriptions
- Are not diagnosed
- Break another bone



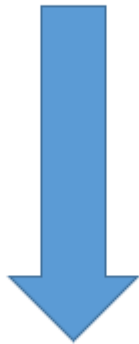
We know the problem....

The Fracture cascade

+

The care gap

One Fracture

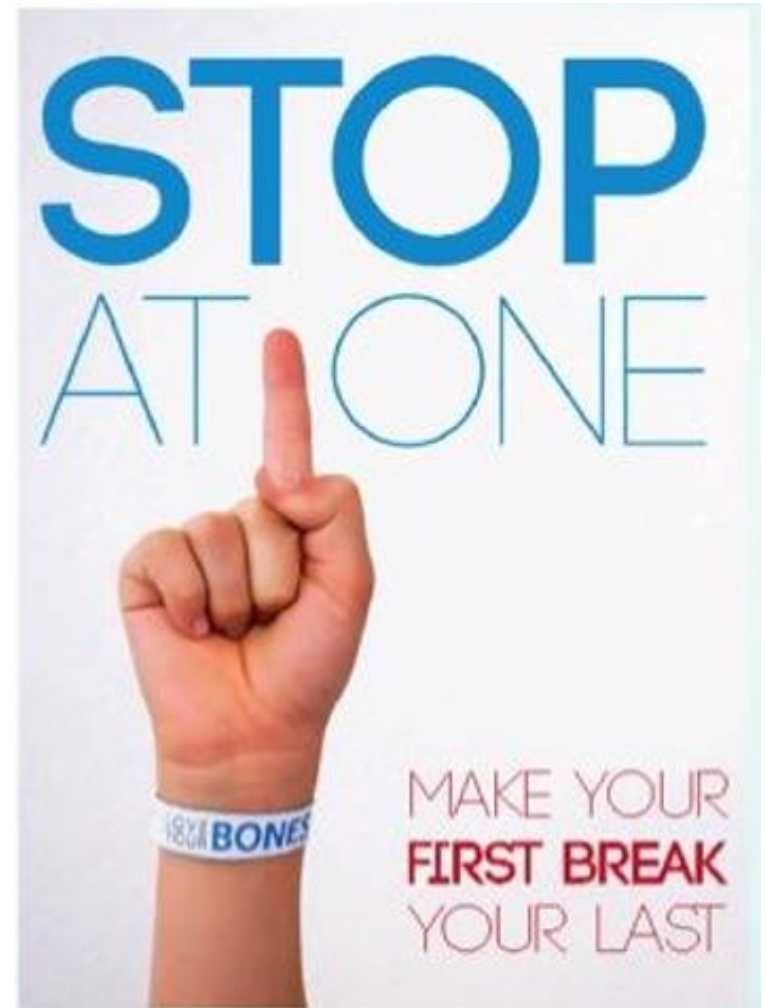


More Fractures



... And the time to act is at the first fracture

A fragility fracture in patients 50 years or over *signals the need for further testing and possible treatment*



Find out how to stop the care gap



with effective coordinator-based **Fracture Liaison Services**