

# THE GLOBAL BURDEN OF OSTEOPOROSIS & FRAGILITY FRACTURES

FACTS & STATISTICS

Osteoporosis affects  
**500 MILLION**  
men and women globally

**6.4% MEN**  
**21.2% WOMEN**  
aged 50 years and over

ANNUALLY, IN PEOPLE AGED 55+, UP TO

**37 MILLION**

**FRAGILITY FRACTURES**

70 FRACTURES PER MINUTE

**1/3 WOMEN**  
**1/5 MEN**  
aged 50 years and over

Will suffer an osteoporotic  
**FRACTURE**

## HIP FRACTURES PROJECTED TO DOUBLE (BETWEEN 2018-2050)

**75% HIP FRACTURES**  
occur in women

Hip fractures are associated with  
**DISABILITY**  
**CHRONIC PAIN**  
**IMMOBILITY**



Risk of hip fracture at age 50 in Europe is

**14% IN MEN**  
**20% IN WOMEN**

**COMPARABLE**  
to the risk of  
**STROKE**

For both men and women



**40% UNABLE TO WALK INDEPENDENTLY**  
1 year after a fracture

Globally  
**MORE THAN 10 MILLION HIP FRACTURES**  
per year



Hip fractures cause  
**THE MOST MORBIDITY**

**10% - 20%** require long term care  
**20% - 24%** mortality in 1<sup>st</sup> year



## VERTEBRAL FRACTURES A MAJOR CAUSE OF PAIN AND DISABILITY

They can lead to

**BACK PAIN, IMMOBILITY, DEFORMITY**  
**HEIGHT LOSS, STOOPED BACK**  
and even **reduced pulmonary function**

Associated with **8X increase in**

**AGE-ADJUSTED MORTALITY**

**ONLY 1/3**  
OF VERTEBRAL FRACTURES  
are detected

**OVER 55%**  
of patients with hip fracture  
have evidence of prior  
VERTEBRAL FRACTURE

## OSTEOPOROSIS IN MEN: NEGLECTED AND FRACTURES ON THE RISE



Men have **greater risk of fragility fracture** than of

**PROSTATE CANCER**



Over the **first 6 months** after a hip fracture

**MORTALITY RATE IN MEN IS 2X**  
that of women



**310% INCREASE**

of hip fractures in men (between 1990-2050)



For references and more facts and statistics visit:  
[www.osteoporosis.foundation/facts-statistics](http://www.osteoporosis.foundation/facts-statistics)



WorldOsteoporosisDay  
October 20