

# Osteoporosis

## Hip Fracture Hospitalization



300,000

people age 65 and older  
are hospitalized annually

Source: HCUPnet. Healthcare Cost and Utilization Project (HCUP). Rockville, MD: Agency for Healthcare Research and Quality; 2012. Accessed June 26, 2018.

## Length of Hospital Stay



Source: Kanis J, et al. Guidelines for diagnosis and management of osteoporosis. The European Foundation for Osteoporosis and Bone Disease. *Osteoporos Int.* 1997;7:390-406.

## Osteoporotic Fractures: Women vs Men



50% of women  
and

25% of men

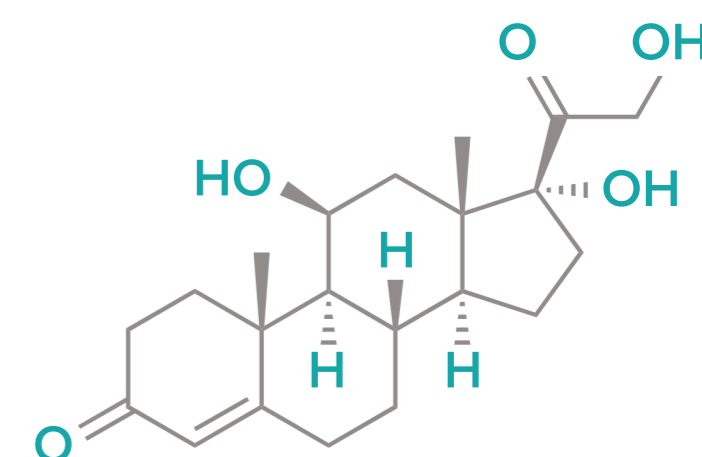
over age 50 will experience  
an osteoporotic fracture

Source: National Osteoporosis Foundation. Bone Health Statistics: Get the Facts. What women need to know / Just for men.

## Steroids and Osteoporosis

30% - 50%

of patients may experience  
glucocorticoid-induced  
osteoporotic fracture



Source: Fraser L-A, Adachi JD. Glucocorticoid-induced osteoporosis: treatment update and review. *Ther Adv Musculoskelet Dis.* 2009;1:71-85. doi:10.1177/1759720X09343729.

## Psychoactive Drugs Associated With Increased Risk for Hip Fracture

ANTIPSYCHOTICS  
increased odds of fracture  
by **29%** in first-time users



BENZODIAZEPINES  
in first-time users increased  
odds of fracture by **34%**

Source: Leach MJ, Pratt NL, Roughead EE. Risk of hip fracture in older people using selective serotonin reuptake inhibitors and other psychoactive medicines concurrently: a matched case-control study in Australia. *Drugs Real World Outcomes.* 2017;4:87-96. <https://doi.org/10.1007/s40801-017-0107-8>