OSTEOPOROSIS
FRAGILE BONES THAT FRACTURE EASILY

ESTIMATED POPULATION Aged 50 with Osteoporosis

- 4.2 MILLION
- 15.8 MILLION

ESTIMATED LIFETIME RISK OF HIP FRACTURE

- FOR MEN AGED 50 YEARS IS BETWEEN 6.1% → 13.7%
- FOR WOMEN AGED 50 YEARS IS BETWEEN 9.8% → 22.8%

TOTAL NUMBER OF FRAGILITY FRACTURES PER YEAR

- 2.676,200
  - HIP FRACTURES: 20%
  - VERTEBRAL FRACTURES: 15%
  - OTHER FRACTURES: 65%
- Of which 51% were MOFs*

FRAGILITY FRACTURES ARE THE 4TH MOST BURDENSOME CHRONIC DISEASE

TOTAL NUMBER OF FRAGILITY FRACTURES IN THE EU6 DURING 2017

- NEW FRACTURES: 2.7 MILLION

SIGNIFICANT HEALTHCARE COSTS

- FRACTURE-RELATED COSTS
  - 1st YEAR: € € €
  - Highest with hip fractures

LIFE-CHANGING IMPACT OF FRAGILITY FRACTURES

- LONG-TERM CARE: 35.3% of patients aged 90+ years move into long-term care following hip fracture
- SICK DAYS: taken by working persons due to fragility fractures

- 7,615,720

EFFECTIVE MANAGEMENT IMPROVES OUTCOMES AND REDUCES COSTS

- MASSIVE TREATMENT GAP: 60–85% of women do not receive treatment following a fracture
- FRACTURE LIAISON SERVICES (FLS): improve outcomes & reduce costs

SIGNIFICANT INCREASE IN FRAGILITY FRACTURES EXPECTED

- ESTIMATED LIFETIME RISK OF HIP FRACTURE:
  - FOR MEN AGED 50 YEARS IS BETWEEN
  - FOR WOMEN AGED 50 YEARS IS BETWEEN

FRACTURE-RELATED COSTS

- HIP FRACTURE: 20% of total fractures
- VERTEBRAL FRACTURES: 15% of total costs

TOTAL NUMBER OF FRAGILITY FRACTURES IN THE EU6 DURING 2017

- NEW FRACTURES: 2.7 MILLION

FRACTURE LIAISON SERVICES (FLS)

- EFFECTS of FLS (absolute change)
  - Reduced mortality and hospitalization
  - Improved outcomes
  - Cost-effective care delivery model

Report available at: https://www.iofbonehealth.org/broken-bones-broken-lives