OSTEOPOROSIS
FRAGILE BONES THAT FRACTURE EASILY

ESTIMATED PEOPLE AGED ≥ 50 WITH OSTEOPOROSIS
1.1 MILLION
4.2 MILLION

ESTIMATED LIFETIME RISK OF HIP FRACTURE
FOR MEN AGED 50 YEARS
9.8%
FOR WOMEN AGED 50 YEARS
17.1%

TOTAL NUMBER OF FRAGILITY FRACTURES PER YEAR
765,000

of which 51% were MOFs*:

- HIP FRACTURES: 19%
- VERTEBRAL FRACTURES: 16%
- OTHER FRACTURES: 65%

*Fracture fragility fractures

SIGNIFICANT INCREASE IN FRAGILITY FRACTURES EXPECTED
APPROXIMATELY
765,000
NEW FRACTURES
IN GERMANY DURING 2017

+18.5%

FRAGILITY FRACTURES ARE
THE 4TH MOST BURDENSOME CHRONIC DISEASE

LIFE-CHANGING IMPACT OF FRAGILITY FRACTURES

1.380.000

LONG-TERM CARE
35.3% of patients aged 90 + years move into long-term care following hip fracture

SICK DAYS
taken in Germany among individuals of pre-retirement age affected by fragility fractures.

FRACtURE-RELATED COSTS € € €

1st YEAR
Happen during first year after fracture

Highest with hip fractures

FRACTURE-RELATED COSTS

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0 1 000 000 2 000 000 3 000 000 4 000 000 5 000 000 6 000 000
FRAGILITY
FRACTURES

FRAGILITY FRACtURES ARE
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SIGNIFICANT HEALTHCARE COSTS

2017

FRACTURE-RELATED COSTS

HIP FRACTURES
50%
VERTEBRAL FRACTURES
24%
OTHER FRACTURES
26%

MORTALITY
20%
TREATMENT ADHERENCE
-3%
RE- FRACTURE RATE
-5%

EFFECTIVE MANAGEMENT IMPROVES OUTCOMES AND REDUCES COSTS

COORDINATED MODELS OF CARE

= cost-effective care delivery model to
IMPROVE OVERALL OUTCOMES & REDUCE COSTS

MASSIVE TREATMENT GAP

60%

OF WOMEN DO NOT RECEIVE TREATMENT FOLLOWING A FRACTURE

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