The Economic and Human Costs of Osteoporosis: A Call to Action
• Background
• Summary of NOF/Milliman Report Key Findings
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• Discussion
What is Osteoporosis and What Causes It?
Osteoporosis affects 10 million adults over the age of 50

More than 7 in 10 are women
Fragile bones increase the risk of fractures

Leads to loss of independence, additional hospitalizations and increased likelihood of death
What are the economic and human costs of bone fractures tied to osteoporosis?
• 79% higher fracture rate for Women
• 90% w/ Hip Fractures hospitalized
• 30% w/ Hip Fractures die w/in year
• 19% of all developed pressure sore
• 15% suffer one or more additional/secondary fractures
Secondary Osteoporotic Fractures Are Costly.

307,000 Medicare patients suffered 1 or MORE additional fractures at a cost to Medicare of over $6.3 BILLION¹
50% of repeat fractures could be avoided with cost-effective and well-tolerated treatments\(^2\)

Tools to Prevent Secondary Osteoporotic Fractures Are Not Being Used.

Only 9% received a BMD test

Based on female Medicare fee-for-service beneficiaries receiving a bone mineral density (BMD) test within six months following a new osteoporotic fracture

Most with fractures go untreated\(^2\)

Model Care Coordination Practices Are Not Widely Utilized\(^2\)
Innovative care models are not being used
Preventing Secondary Osteoporotic Fractures Yields Big Medicare Savings.

REDUCING SECONDARY FRACTURES

BY JUST 20%

COULD SAVE $1.2B
Osteoporosis Care Gap: Treatment After Hip Fracture

Review of US insurance claims data (commercial + Medicare) in 96,887 patients hospitalized with hip fracture, 2002-2011

NOF ACTION PRIORITIES:
Policy Options to Drive Reform
Medicare could incentive evidence-based post-fracture care management and coordination (i.e. fracture liaison services)
Medicare & other payers could adopt and incentive adherence to strong quality measures for optimal screening, treatment of osteoporosis and bone fractures.
Cuts to Medicare payment rates for osteoporosis screening could be restored
A national education and action campaign to raise awareness about bone health and drive action to improve appropriate fracture and falls prevention, screening and treatment.
Contact:
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