Making the First Fracture the Last Fracture: Progress Since the 2012 ASBMR Task Force Report on Secondary Fracture Prevention

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About the American Society for Bone and Mineral Research (ASBMR)

- The ASBMR is the premier professional, scientific and medical society established to promote excellence in bone and mineral research and to facilitate the translation of that research into clinical practice.

- The ASBMR has a membership of nearly 4,000 physicians, basic research scientists and clinical investigators.

- The ASBMR Annual Meeting is the pre-eminent scientific meeting on bone and mineral metabolism. An estimated 3,500 participants from nearly 60 countries are attending the 2014 Annual Meeting.
ASBMR Task Force on Secondary Fracture Prevention

- International expert panel, representing 36 countries throughout Asia-Pacific, South America, Europe and North America.

- Performed extensive review of possible solutions to prevent patients that have had a fragility fracture from refracturing (“secondary fracture”).

- In 2012, the Task Force published its report that concluded that the most effective solution is “fracture liaison services” (FLS), coordinator-based, secondary fracture prevention services implemented by healthcare systems for the treatment of osteoporotic patients, that research has shown to significantly improve follow-up assessment and treatment.

ASBMR Task Force Recommendations and Findings

• **Intervention after a first fracture reduces repeat occurrences;** comprehensive research review shows fracture liaison services work.

• The Task Force Report **urged healthcare providers** to:
  – Routinely provide osteoporosis testing and initiate treatment with medication as needed for all men and women **over the age of 50 who have suffered a fracture and are at high risk for future fractures.**
  – Aggressively identify and provide care for the millions of people who have suffered their first osteoporosis-related fracture, in order to prevent subsequent fractures.

• **FLS programs have been shown to reduce hip fractures by almost 40 percent.**

• The most significant barrier to widespread use of FLS is the **lack of insurance coverage.**
The Cost of Doing Nothing

- Each year nearly **300,000** older adults in the U.S. suffer hip fractures and **more than 20 percent die within a year** of their injury.

- Fractures from osteoporosis and low bone mass cost **$19 billion** a year in the U.S. This is expected to rise to **$25.3 billion** per year by 2025 as the elderly population nearly doubles.

- The number of osteoporotic fractures annually currently **exceeds** the incidence of heart attack, stroke and breast cancer **combined**.
FLS Progress to Date

• There is international consensus that implementing FLS programs reduces secondary fractures.

• **Goal:** 20 percent reduction in hip fractures by 2020, when the United States and other countries around the world are expected to be hit with a wave of fractures because of an aging population.

• Nearly 40 FLS programs implemented globally to date.

• Today you will hear about programs in the U.S. and internationally that are making significant progress in FLS adoption.