CAPTURE THE FRACTURE® PARTNERSHIP

Policy Tools for Engagement

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Capture the Fracture® Partnership Overview

**Regions:** Asia Pacific, Latin America, Middle East, Europe

**Countries:** Argentina, Australia, Brazil, China, Colombia, France, Italy, Japan, Korea, Mexico, Netherlands, Russia, Saudi Arabia, Spain, Sweden, Taiwan, Turkey

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Capture the Fracture® Partnership Overview

This effort combines ‘Top Down’ with ‘Bottom Up’ activities and seeks to:

- **Increase patients served by PFC/FLS programs**
- **Improve 25% of existing PFC/FLS programs by end of 2022**
  - Since Partnership launch, **67 new and 105 existing PFC sites** have been added to the CtF map
  - These new PFC programs have served **15,000 additional patients**

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### POLICY CHANGE

Drive fracture prevention policy change and prioritization with government and payers

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### ADVOCACY ALLIANCES

With IOF as lead, create **global, regional and local secondary fracture coalitions** between societies, governments, and NGOs

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### MENTORSHIP

Provide **best practices, support, and mentorship** to establish new PFC programs and improve current programs to ensure sustainability

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### SCALABLE SOLUTIONS

Serve as global resource center for **improved, scalable PFC solutions**

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### DIGITAL TOOL/ DATASET

Leverage a **PFC digital global dataset** to obtain consistent understanding across Capture the Fracture sites of PFC effectiveness

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Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Policy Pillar Aim

Drive policy change to prioritize post-fracture care programs such as Fracture Liaison Services (FLS) nationally and regionally.

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Policy Pillar Outcomes

- National policy changes to prioritize PFC programs
- National/ regional funding and coverage
- Increase quality of existing PFC programs
- Increase number of new PFC programs
- Increase engagement with policymakers

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Policy Pillar Resources

- Policy Generic Narrative Document: *Capture the Fracture® Partnership- Guidance for Policy Shaping*
- Executive 1-page summary
- Country-specific policy landscape assessment
- Benefit Calculator

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Policy Pillar Objectives

- Identify key stakeholders and strategies to effectively drive policy changes and secure its execution
- Support Osteoporosis as a National priority
- Advocate for Post-Fracture Care Coordination programs/ Fracture Liaison Services (FLS)

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Country-specific profile

Build your response

- Expected benefit & budget impact
- Current and future burden
- Existing and planned policy priorities
- Recommendations and Implementation plan

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
CAPTURE THE FRACTURE® PARTNERSHIP

Guidance for Policy Shaping

An IOF initiative, supported by Amgen and UCB in collaboration with the University of Oxford
CTFP Guidance for Policy Shaping

• National, regional and local call to action

• Making the case

• Building blocks of an effective policy response
What is a Post-Fracture Care Coordination Program?

- Post-Fracture Care (PFC) Coordination Programs, such as Fracture Liaison Services (FLS), are coordinated systems of care that identify, treat and monitor patients presenting with a fragility fracture.

PFC programs are the single most important health service intervention to reduce the risk of subsequent fractures.
Huge economic burden

IT IS ESTIMATED THAT BY 2025

13.5 MILLION FRAGILITY FRACTURES

500 MILLION WITH OSTEOPOROSIS

Urgent action on osteoporosis and fragility fractures is required uniting patient, carer and clinical leadership with wider societal and political advocacy actors to strengthen the call for change

Why a call to action?

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Why a call to action?

- Osteoporosis and fragility fractures have been **ignored** in health policy too long, despite their **immense burden** and the availability of effective treatment.

80% fracture patients are never offered screening and/or treatment for osteoporosis.
Why a call to action?

Subsequent fractures are a major cause of loss of independence

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Call to Action – National level

Improvements to people’s lives will ultimately be driven by change at a local level to identify and treat those at risk of subsequent fragility fractures through incorporation of subsequent fracture prevention into high-level national strategies.

- Acknowledge importance of subsequent fracture prevention
- Actively support efforts to improve public awareness
- Develop a national consensus

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Call To Action – Regional and Local level

- Comprehensive falls assessments
- Person-centered multidisciplinary models of care
- Supporting role of Primary care physicians

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Making the case: what are osteoporosis and fragility fractures?

**WHO Definition:**

*Osteoporosis is defined as a BMD that lies 2.5 standard deviations or more below the average value for young healthy women (a T-score of < -2.5 SD) (1,6)*

<table>
<thead>
<tr>
<th>Definition</th>
<th>Bone Mineral Density Measurement</th>
<th>T-Score</th>
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<tbody>
<tr>
<td>Normal</td>
<td>BMD within 1 SD of the mean bone density for young adult women</td>
<td>T-score ≥ -1</td>
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<tr>
<td>Low bone mass (osteopenia)</td>
<td>BMD 1–2.5 SD below the mean for young-adult women</td>
<td>T-score between -1 and -2.5</td>
</tr>
<tr>
<td>Osteoporosis</td>
<td>BMD ≥2.5 SD below the normal mean for young-adult women</td>
<td>T-score ≤ -2.5</td>
</tr>
<tr>
<td>Severe or “established” osteoporosis</td>
<td>BMD ≥2.5 SD below the normal mean for young-adult women in a patient who has already experienced ≥1 fractures</td>
<td>T-score ≤ -2.5 (with fragility fracture[s])</td>
</tr>
</tbody>
</table>

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
The Cost of Inaction: The economic case for change

**STROKE**
€20 BILLION

**FRAGILITY FRACTURES**
€37.4 BILLION

**CORONARY HEART DISEASE**
€19 BILLION

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
The 4 building blocks of an effective policy response

- **CATCH FRACTURES EARLY**
  Ensure that those who have fractured are identified for treatment

- **TREAT FRACTURES WELL**
  Employ world-class models of *Post-Fracture Care* to treat those identified

- **LIFETIME PREVENTION**
  Encourage healthy ageing through straightforward public health measures

- **ENHANCE ENGAGEMENT**
  Empower the public to understand the problem and become part of the solution

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Catch It Early: Management and Detection of Subsequent Fractures

Things to know

Fractures beget fractures

Time = avoidable fractures

PFC Coordination Programs are effective at identifying individuals with index fragility fractures

PFC Coordination Programs pay for themselves and more

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Catch It Early: Management and Detection of Subsequent Fractures

What is the current situation?
- Fragility fractures are often misdiagnosed and not properly treated to prevent subsequent fractures

What needs to be done?
- Development of clear national guidance
- PFC Coordination Programs to receive priority funding
- Further research on automated methods of fracture identification

Rates of osteoporosis and falls assessment across the world.

- 90%
- 4%

- Countries with clear national guidances on identification and treatment
- Countries without clear national guidances on identification and treatment

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Treat it well: Facilitating multi-disciplinary Post-Fracture Care

Things to know

• Health systems regularly fail to close the osteoporosis treatment gap
• Excellent care and rehabilitation involves a multidisciplinary team
• There is an effective framework for multidisciplinary, coordinated post-discharge care to reduce long-term fracture risk
• Best-practice models are needed globally to increase access to high-quality post-discharge care

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Treat it well: Facilitating multi-disciplinary Post-Fracture Care

PFC Coordination Programs are consistently shown to be cost-effective and sometimes cost-saving.

 Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
What needs to be done?

- The IOF Capture the Fracture® program promotes the establishment of PFC Coordination Programs globally and ensures greater adherence to best-practice standards.

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Capture the Fracture® Tools

- Mentorship programme
- Global Patient Charter
- Best Practice Framework
- Webinars (Educational programme)
- Slide kits
- Toolkit
  - International FLS Implementation
- Benefit Calculator

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Healthy Active Ageing: Preventing falls and fractures in later life through good health in earlier life

Falls can mark a watershed moment in rapid deterioration of health & functioning

- Integrating falls prevention and promotion of bone health into health and social care services
- Adaptation of the living environment
- Ongoing support to promote functioning and independent living

30% FOR PEOPLE +60

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Healthy Active Ageing: Preventing falls and fractures in later life through good health in earlier life

- Integrating falls prevention and promotion of bone health into health and social care services
- Adaptation of the living environment
- Ongoing support to promote functioning and independent living

80% Fractures over Age 70

90% result of a fall

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Healthy Active Ageing: Preventing falls and fractures in later life through good health in earlier life

Policymakers must enable adequate funding and comprehensive falls risk assessment in health and social care services

ENSURE A SAFE HOME

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021
Enhance Engagement: Awareness, Activation and Self-Management

Why is it important and how does it work?

Increase **public awareness**

Increase **active engagement**

Tailor treatment plan for patient needs

Derived from Fuggle N, Cooper C et al. Capture the Fracture® Partnership-Guidance for Policy Shaping, IOF 2021