



**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

# 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**
- Add **320 new PFC/FLS programs** by early 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**

**POLICY CHANGE**

Drive **fracture prevention policy change and prioritization** with government and payers

**ADVOCACY ALLIANCES**

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

**MENTORSHIP**

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

**SCALABLE SOLUTIONS**

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

**DIGITAL TOOL/DATASET**

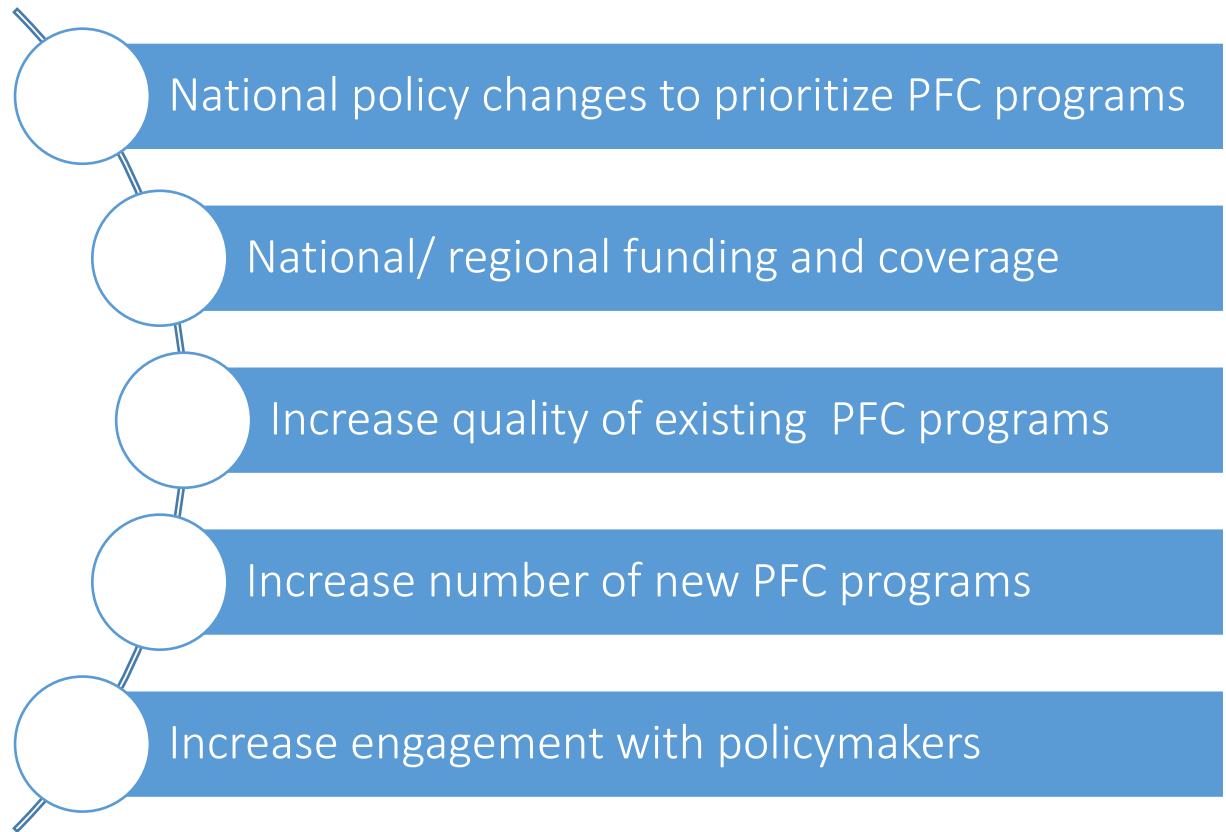
Leverage a **PFC digital global dataset** to obtain consistent understanding across Capture the Fracture sites of PFC effectiveness

# Policy Pillar Aim



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

# Policy Pillar Outcomes



# 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



#### 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

# 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)

# Country-specific profile







CAPTURE THE FRACTURE® PARTNERSHIP

# Guidance for Policy Shaping

An IOF initiative, supported by Amgen and UCB in collaboration with the University of Oxford



The **Health Policy** Partnership



# 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.

# Why a call to action ?



IT IS ESTIMATED  
THAT BY

2025



**13.5 MILLION**  
FRAGILITY FRACTURES

Huge economic  
burden



**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?

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

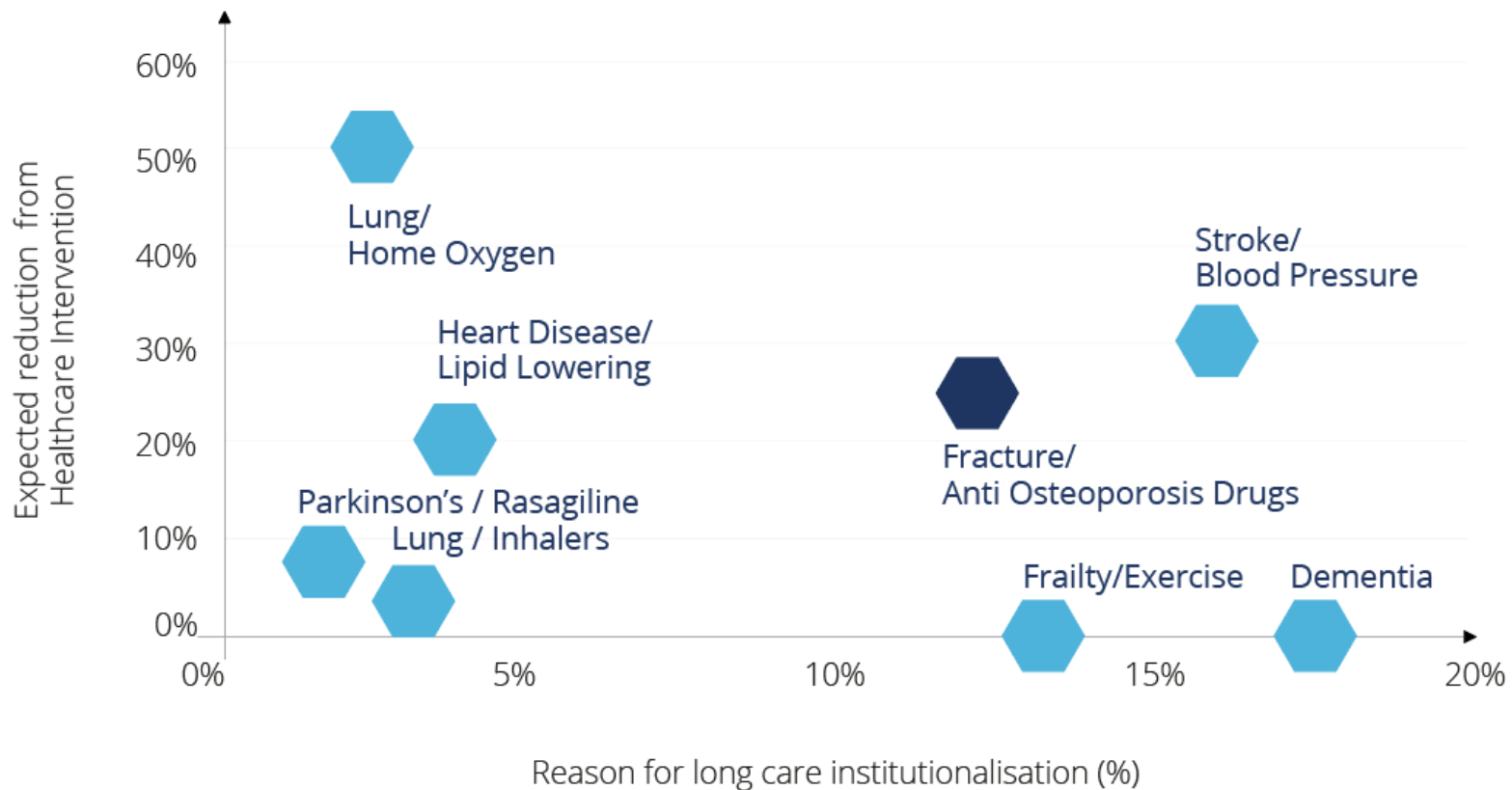
**80%** fracture patients are never offered screening and/or treatment for osteoporosis



# Why a call to action?



Subsequent fractures are a **major cause of loss of independence**



# 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**

# Call To Action – Regional and Local level



**Comprehensive falls assessments**



**Person-centered multidisciplinary models of care**



**Supporting role of Primary care physicians**







# 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)*

Definition	Bone Mineral Density Measurement	T-Score
Normal	BMD within 1 SD of the mean bone density for young adult women	T-score $\geq -1$
Low bone mass (osteopenia)	BMD 1–2.5 SD below the mean for young-adult women	T-score between $-1$ and $-2.5$
Osteoporosis	BMD $\geq 2.5$ SD below the normal mean for young-adult women	T-score $\leq -2.5$
Severe or “established” osteoporosis	BMD $\geq 2.5$ SD below the normal mean for young-adult women in a patient who has already experienced $\geq 1$ fractures	T-score $\leq -2.5$ (with fragility fracture[s])



**STROKE**  
**€20**  
**BILLION**

**FRAGILITY**  
**FRACTURES**

**€37.4**  
**BILLION**

**CORONARY**  
**HEART**  
**DISEASE**

**€19**  
**BILLION**

The Cost of  
Inaction: The  
economic  
case for  
change



# 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

# Catch It Early : Management and Detection of Subsequent Fractures



## Things to know



Fractures beget fractures

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

Time = avoidable fractures

PFC Coordination Programs pay for themselves and more





# Catch It Early : Management and Detection of Subsequent Fractures

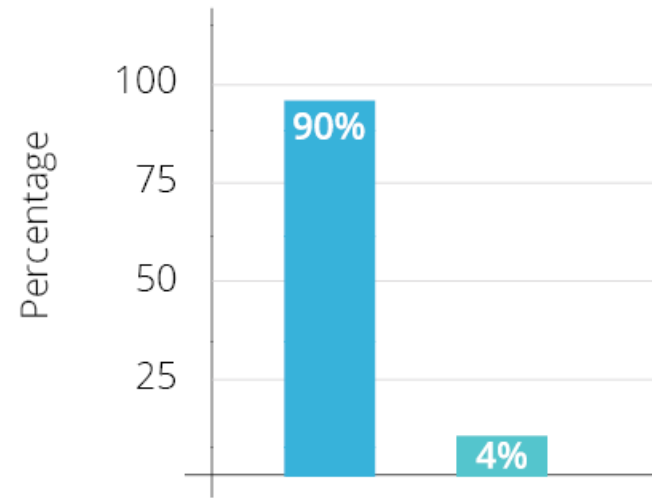
## *What is the current situation?*

- 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.



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



## Treat it well: Facilitating multi- disciplinary Post- Fracture Care

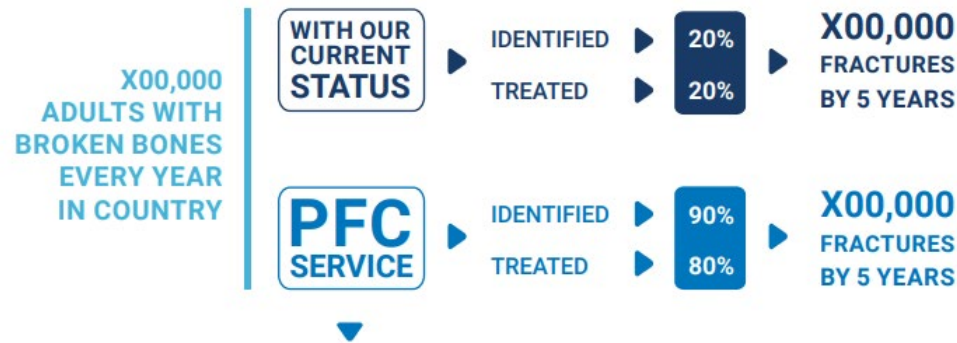
### Things to know

- 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



# Treat it well: Facilitating multi-disciplinary Post-Fracture Care

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



## COSTS AND FRACTURES AVOIDED OVER 5 YEARS WITH PFC SERVICES

**FRACTURES (TOTAL) = X0,000**

Hospital = **\$X.X billion**  
Comms/Social Care = **\$X.X billion**

Bed Days = **X00,000**  
Operations = **X,000**  
Clinical Appointments = **X0,000**  
Care Home = **X00 Patient Years**

**TOTAL COSTS AVOIDED = \$X,X000**

**PFC COSTS**

Staff = **\$X.X billion**  
Investigations = **\$X.X billion**

**Total Cost \$X.X billion**

**NET SAVING AFTER 5 YEARS \$X.X billion**

5 year medication costs = **\$X00 billion**  
NET Cost over 5 years including medication = **\$X00 billion**

\* Dedicated clinical service that identifies tests and treats adults over 50 years with broken bones

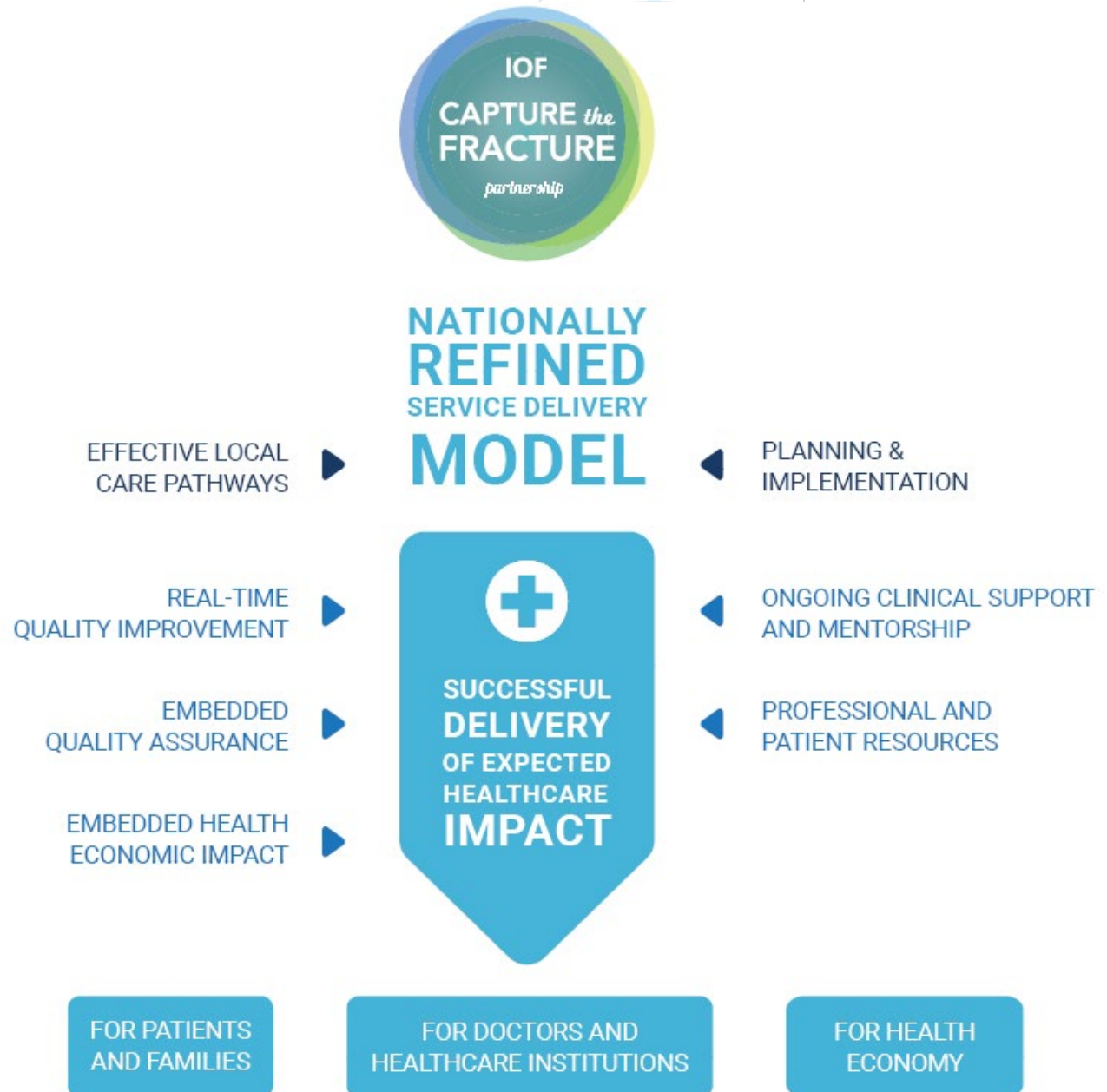




# Treat it well: Facilitating multi-disciplinary Post-Fracture Care

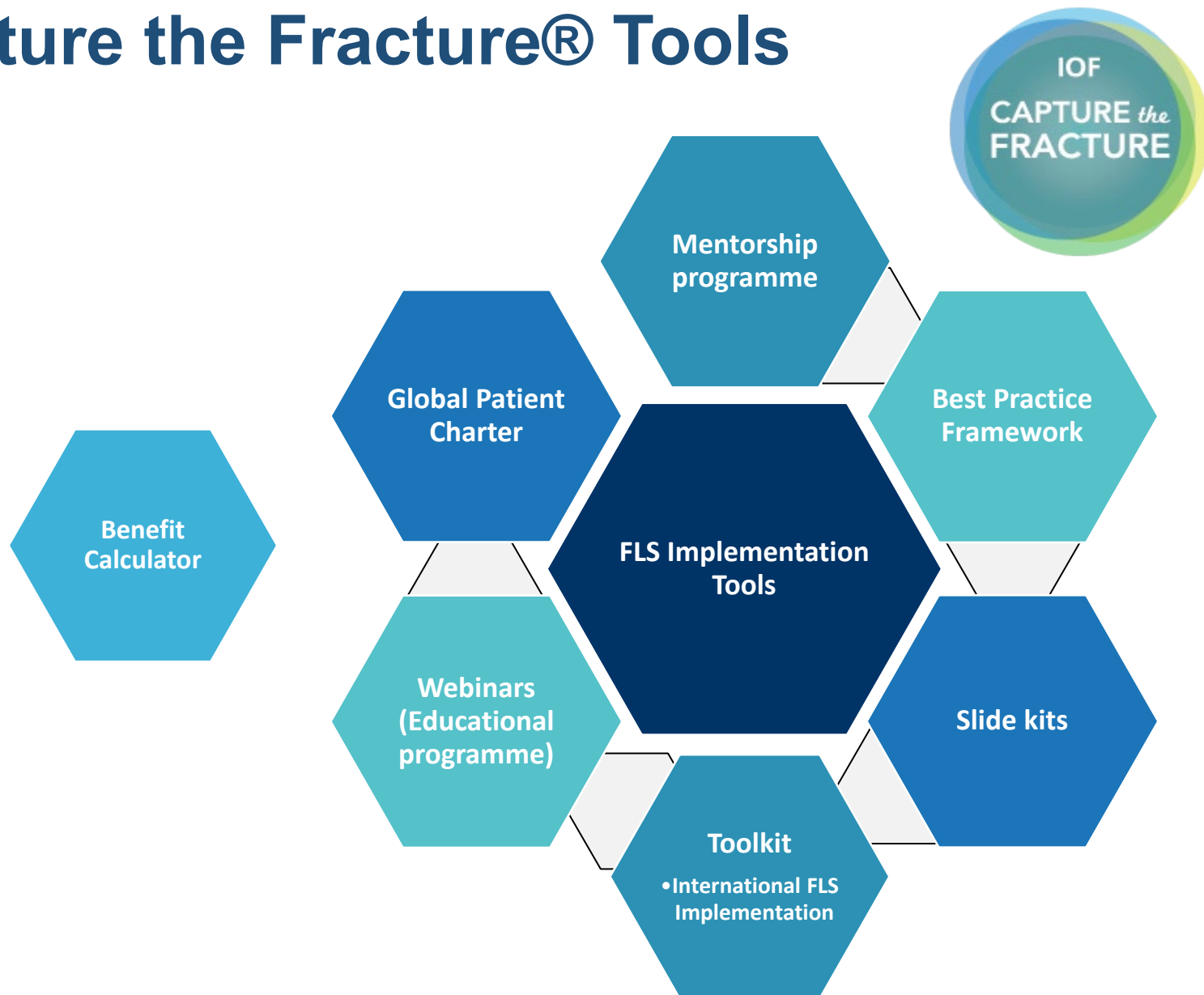
## What needs to be done?

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





# Capture the Fracture® Tools





# 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

THE RISK OF  
**DYING**  
**DURING**  
1<sup>ST</sup> YEAR



**30%**  
FOR PEOPLE  
**+60**

**AFTER**  
**HIP**  
**FRACTURE**



## 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**

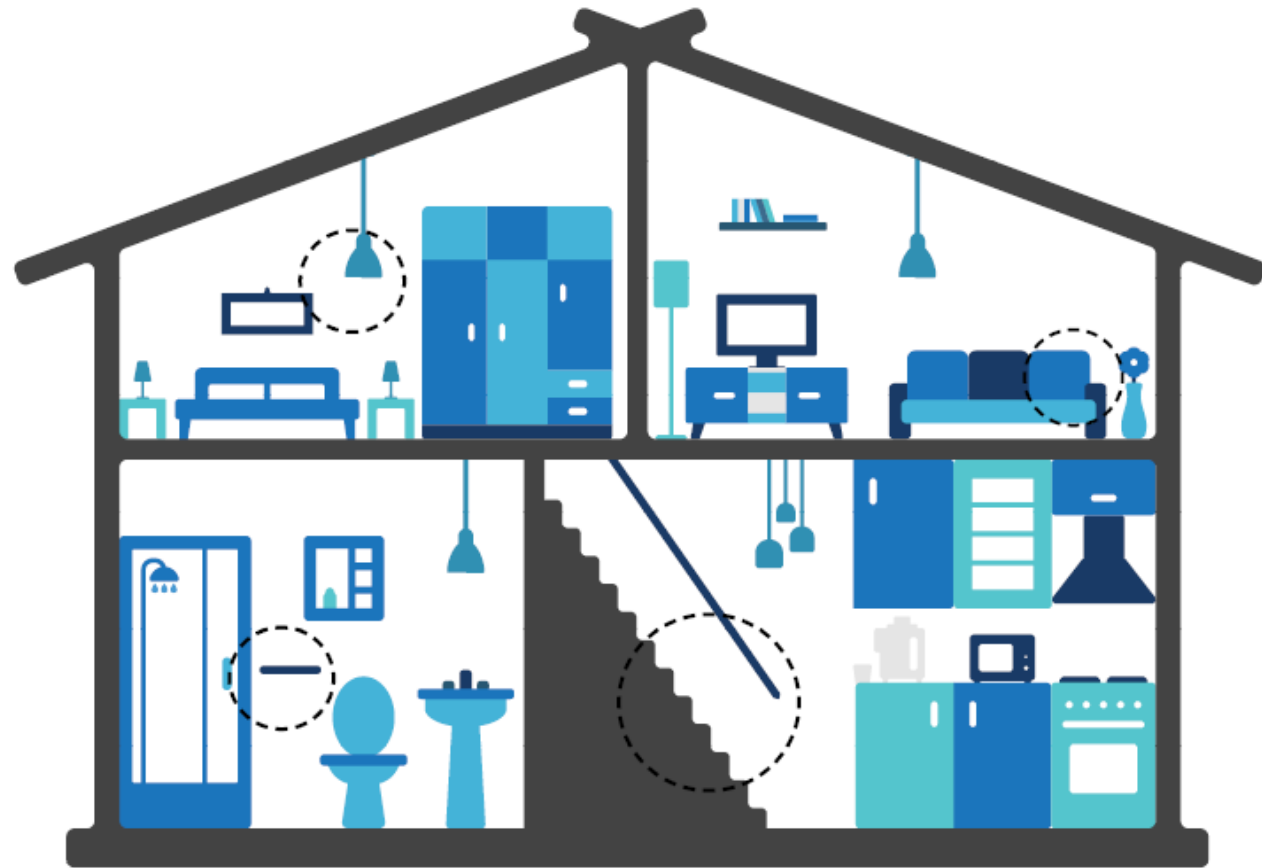
**90% result of a  
fall**



# 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



# 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





[www.capturethefracture.org](http://www.capturethefracture.org)

[www.osteoporosis.foundation](http://www.osteoporosis.foundation)

[www.ox.ac.uk/](http://www.ox.ac.uk/)

[www.healthpolicypartnership.com](http://www.healthpolicypartnership.com)

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