



The Fragility Fracture Network

De dónde venimos y hacia dónde vamos

David Marsh

Emeritus Professor of Orthopaedics, University College London

Regionalisation Chair, Fragility Fracture Network



Outline

- The Fragility Fracture Network and its Global Call to Action

La Fragility Fracture Network y su llamada global a la acción



Outline

- The Fragility Fracture Network and its Global Call to Action
- National FFNs and the Latin America Regional Expert Meeting

Las redes FFN nacionales y la Reunión Regional de Expertos de Latinoamérica

An epidemiological emergency

- The ageing population will lead to massive increases in hip fractures in the next few decades

Debido al envejecimiento de la población habrá un aumento masivo en el número de fracturas de cadera en la próximas décadas

- In Europe and USA: 2X the number of cases

En Europa y USA: el número de casos se multiplica por 2

- In Asia-Pacific and Latin America: up to 6X increase

En Asia-Pacífico y América Latina: aumento de hasta 6 veces

- Current trauma services will not be able to cope

Los servicios de trauma actuales no podrán hacerle frente



Why the world needs the FFN

Por qué el mundo necesita la FFN

- The Fragility Fracture Network was formed in 2011 to address this challenge globally

La Fragility Fracture Network (Red de trabajo en fracturas por fragilidad) se formó en 2011 para abordar este desafío a nivel mundial

Why the world needs the FFN

- Our starting point is: what to do when a patient presents with a fragility fracture?

Nuestro punto de partida es: ¿qué se debe hacer cuando un paciente presenta una fractura por fragilidad?

(we wish good luck to people practising primary prevention but that is not our focus)

deseamos buena suerte a las personas que practican la prevención primaria, pero ese no es nuestro enfoque



About the FFN

“Expert meeting”, Berlin 2011 – 100 people from all over the world – set up a new organisation, specifying multidisciplinary membership and Board

"Reunión de expertos", Berlín 2011 - 100 personas de todo el mundo - crearon una nueva organización, especificando que todos los miembros y la junta serían multidisciplinarias



About the FFN

Vision

A world where anybody who sustains a fragility fracture achieves the optimal recovery of independent function and quality of life, with no further fractures

Un mundo donde cualquiera que sufre una fractura por fragilidad logra la recuperación óptima de la función independiente y la calidad de vida, sin nuevas fracturas adicionales.



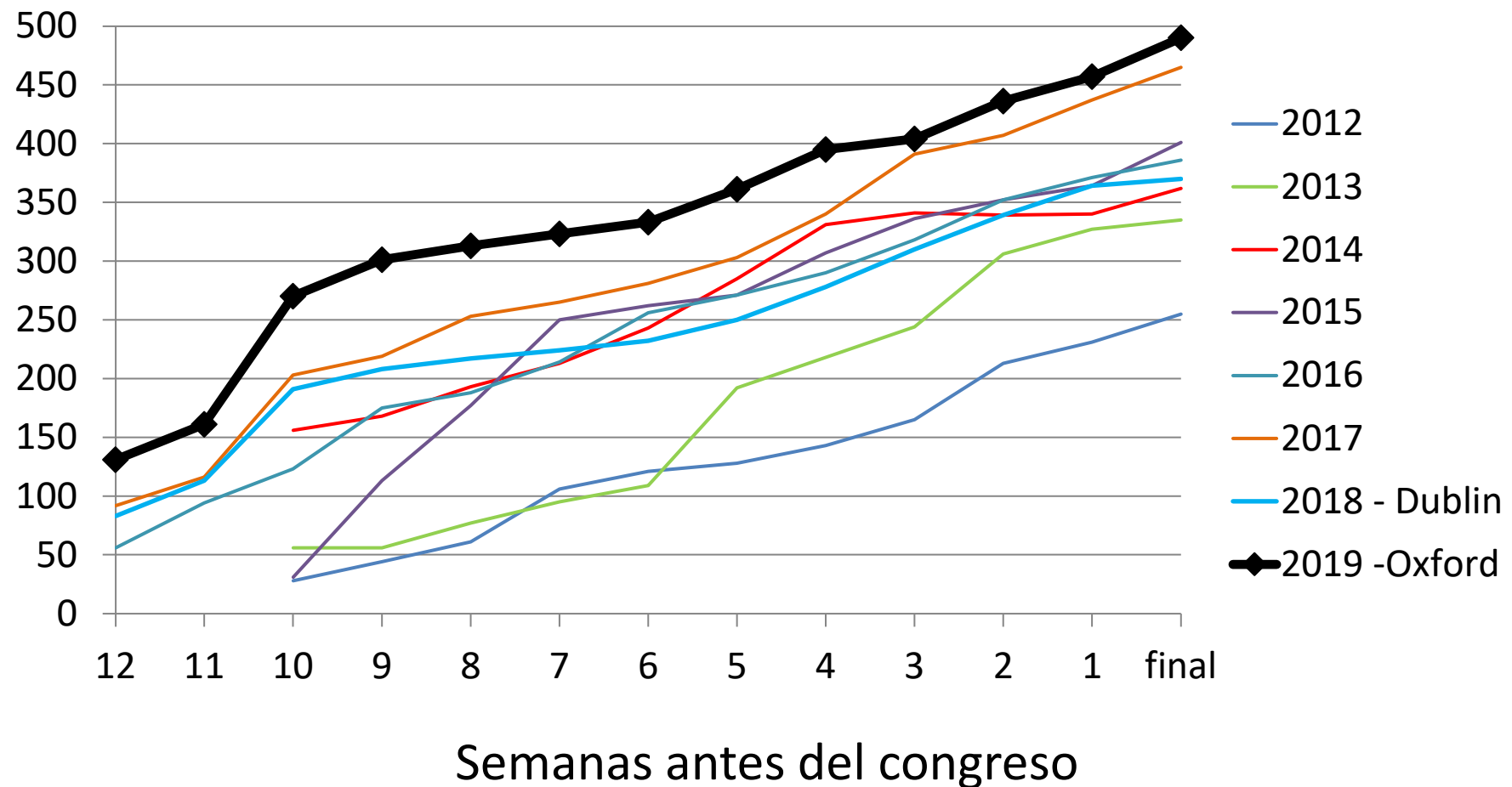
About the FFN

Mission

To optimise globally the multidisciplinary management of the patient with a fragility fracture, including secondary prevention

Optimizar, en todo el mundo, el manejo multidisciplinario del paciente con una fractura por fragilidad, incluida la prevención secundaria

Inscripciones al Congreso Mundial





Toronto
24-26 September
2020

"Ensuring Smooth Transitions in Fracture Care and Management"

www.ffn-congress.com



FFN's Strategic Focus

We learned, in the UK and elsewhere, that significant change in clinical behaviour and healthcare policy depend on collaboration ***at national level.***

*Aprendimos, en el Reino Unido y en otros lugares, que un cambio significativo en el comportamiento clínico y la política de salud dependen de la colaboración **a nivel nacional.***



So in 2015, we formulated this strategic focus:

*The FFN will facilitate **national multidisciplinary alliances** which lead to:*

Consensus guidelines

Quality standards

Systematic performance measurement

for the care of older people with fragility fracture

Por tanto, en 2015, formulamos este enfoque estratégico:

*La FFN facilitará las **alianzas multidisciplinares nacionales** que conduzcan a:*

Pautas de consenso

Normas de calidad

Medida sistemática del desempeño

para el cuidado de personas mayores con fractura por fragilidad



The Global Call to Action

- In collaboration with other international organisations, the FFN put these principles together in a Global Call to Action

En colaboración con otras organizaciones internacionales, la FFN reunió estos principios en una Llamada Mundial a la Acción

Dreinhöfer et al (2018). A global call to action to improve the care of people with fragility fractures. *Injury* 49(8): 1393-1397



The Global Call to Action

- Before it was published, this manifesto received unprecedented endorsement worldwide by more than 80 international organisations

Antes de su publicación, este manifiesto recibió un respaldo mundial sin precedentes por parte de más de 80 organizaciones internacionales.

(Incluyendo COMLAT y SLAOT)



Contents lists available at ScienceDirect

Injury

journal homepage: www.elsevier.com/locate/injury

FFN



A global call to action to improve the care of people with fragility fractures



K.E. Dreinhöfer^{a,b,c,*}, P.J. Mitchell^{c,d}, T. Bégué^{e,f}, C. Cooper^{g,h,i,j}, M.L. Costa^{c,k,l,m},
P. Falaschi^{c,n}, K. Hertz^{o,p}, D. Marsh^{c,s}, S. Maggi^{q,r}, A. Nana^{t,u}, H. Palm^{c,v}, R. Speerin^{c,w},
J. Magaziner^{c,x}, on behalf of:

the Fragility Fracture Network (FFN)

the European Geriatric Medicine Society (EuGMS)

the European Federation of National Associations of Orthopaedics and Traumatology (EFORT)

the International Collaboration of Orthopaedic Nursing (ICON)

the International Geriatric Fracture Society (IGFS)

the International Osteoporosis Foundation (IOF)

¿Qué dijo este manifiesto?

The four pillars of the Call to Action

Los cuatro pilares de la llamada a la acción

Cuidados agudos multidisciplinarios

Multidisciplinary acute care

The older patient with a fragility fracture

High quality surgery is necessary
but not sufficient

They have both fragility and *frailty*

of the bone

biomecánico

of the whole body

fisiológica

“Fragilidad” significa dos cosas diferentes

Orthopaedic surgeons know how to manage **fragility**

*Los cirujanos ortopédicos saben
cómo manejar la **fragility***

Geriatricians know how to manage **frailty**

*Los geriatras saben
cómo manejar la **frailty***

These patients need both skillsets

Estos pacientes necesitan ambas habilidades

The four pillars of the Call to Action

Multidisciplinary acute care

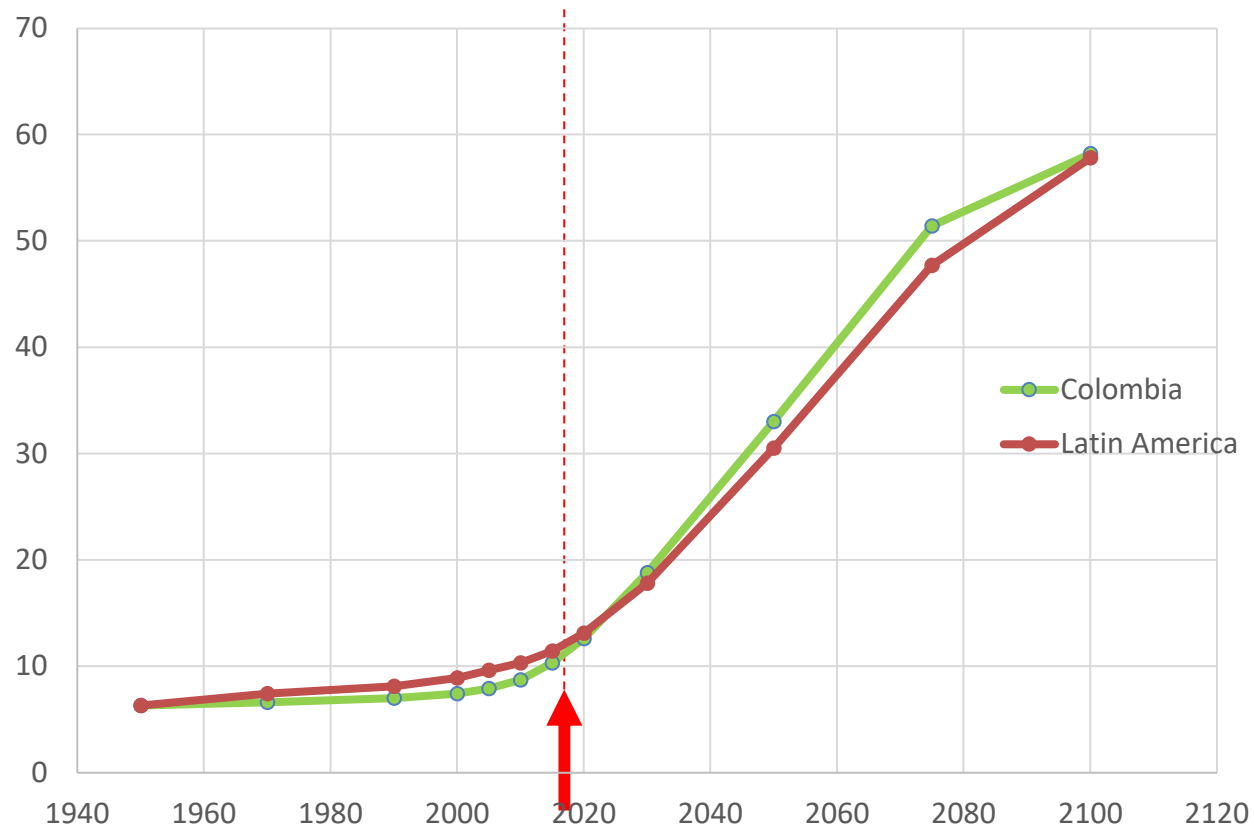
*Rehabilitación para recuperar la función,
la independencia y la calidad de vida*

**Rehabilitation to regain function,
independence and quality of life**

Old age dependency ratio



Colombia vs Latin America 1950-2100



The four pillars of the Call to Action

Multidisciplinary acute care

Rehabilitation

*Prevención secundaria
Caídas y osteoporosis*

**Secondary prevention -
Falls as well as osteoporosis**

Secondary prevention

- Secondary prevention is more cost-effective than primary prevention

La prevención secundaria es más rentable que la prevención primaria

- A systems approach is needed, where capture of patients is automatic

Se necesita un enfoque de sistemas, donde la captura de pacientes es automática

- When it is done vigorously, it is **cost-saving**

Cuando se hace enérgicamente, ahorra costos

The four pillars of the Call to Action

Multidisciplinary acute care

Rehabilitation

Secondary prevention

*Alianzas nacionales
multidisciplinarias*

**Multidisciplinary
national alliances**

El cuarto pilar es político



The fourth pillar is political

- We must move from a 'Call' to **Actual** Action
Debemos pasar de una "Llamada" a una Acción Real
- A multidisciplinary national alliance, speaking with one voice, can drive healthcare policy change that facilitates the three clinical pillars
Una alianza nacional multidisciplinaria, hablando con una sola voz, puede impulsar el cambio de políticas de salud que facilite los primeros tres pilares clínicos

Por ejemplo, en el Reino Unido



The image shows the cover of the British Geriatrics Society (BGS) newsletter, Issue 13, October 2007. The cover is primarily purple and white. At the top left is the BGS logo, which includes the text 'BRITISH GERIATRICS SOCIETY' and 'Editor: David Beaumont'. The main title 'BGS' is in large, white, serif font. Below it, the word 'newsletter' is written in a smaller, white, sans-serif font. The issue information 'Issue 13 October 2007' and the ISSN '1744-1543' are in the top right corner. The main headline is 'Our historic alliance with the world of orthopaedics'. Below this, there are several text blocks and a central image of a book cover. The book cover is titled 'The National Hip Fracture Database' and features a photograph of a hip. The text on the cover includes 'The National Hip Fracture Database: A multi-centre, multi-disciplinary, evidence-based clinical practice guide for the management of hip fracture patients'. The newsletter also mentions a 'Blue Book' and a 'National Hip Fracture Database'.

Our historic alliance
with the world of orthopaedics

The BGS has established an exciting new collaboration with the British Orthopaedic Association, with the shared aim of improving the clinical care of patients with fragility fractures and promoting effective secondary prevention to reduce future falls and fractures.

Sponsored by the BOA and BGS, it has also been endorsed by the Age Ageing Society, the National Osteoporosis Society, the Faculty of Public Health, the RCN, the Society for Endocrinology, the Forum of the Royal Colleges of Surgeons and the Specialist Surgical Association of Great Britain and Ireland - a vital demonstration of multi-disciplinary commitment to improving hip fracture care. The Blue Book thus offers a foundation for joint working and clinical governance activities that can build on the success of two BGS/BOA national joint "Transition of Courses" forums and conferences held in 2006 and 2007, with a third now planned for 2008 (see for example Fragility Fractures Course at www.moh.nhs.uk/education/)

Central to the strategy are the two key initiatives, the Blue Book on the Care of Patients with Fragility Fractures and the National Hip Fracture Database, which were jointly launched with widespread TV, radio and press coverage in September 19th.

Blue Book
The second edition, totally rewritten and updated, replaces a 1st edition published several years ago and is now an authoritative evidence-based clinical practice guide for the multi-disciplinary team, and includes a set of six specific clinical practice standards. Guest editors: Professor Sahota, Anthony Johnson and Colin Curtis coordinated greatly to the Blue Book's multi-disciplinary writing group, with Colin Curtis as its editor. It can be downloaded as a pdf file from www.boa.ac.uk/ or from www.nhfd.co.uk/

National Hip Fracture Database
(NHFD, www.nhfd.co.uk/) This joint BOA-BGS venture is entirely complementary to the Blue Book. It has involved the creation of an ongoing web-based database of key clinical, process and outcome indicators to monitor and improve the clinical care of hip fracture patients by enabling units to measure the care they provide against the standards set out in the Blue Book. It has been developed from several existing audits, including the Scottish Hip Fracture Audit, which has been established for several years and has now galvanised the Scottish government into setting explicit

for better health in old age

President: Prof Peter Caine President Elect: Prof Graham Murray
Honorary Secretaries: Dr David Beaumont and Dr David Clark Meetings Secretary: Dr Michael Vassili
Honorary Treasurer: Dr Tom Smith and Dr David Cohen Chief Executive: Alex Miles Sub Editor: Rosie Miles

La British Geriatrics Society ha establecido una nueva y emocionante colaboración con la British Orthopaedic Association, con el objetivo compartido de mejorar la atención clínica de pacientes con fracturas por fragilidad y promover una prevención secundaria efectiva para reducir futuras caídas y fracturas.

La alianza BOA-BGS fue muy poderosa para influir en la política del gobierno. Esto fue de gran beneficio para los pacientes.



How can the FFN promote the ***implementation***
of the Call to Action?

*¿Cómo puede FFN promover la **implementación** del
Llamado a la Acción?*

Regionalisation Strategy

Estrategia de regionalización

The formation of National FFNs

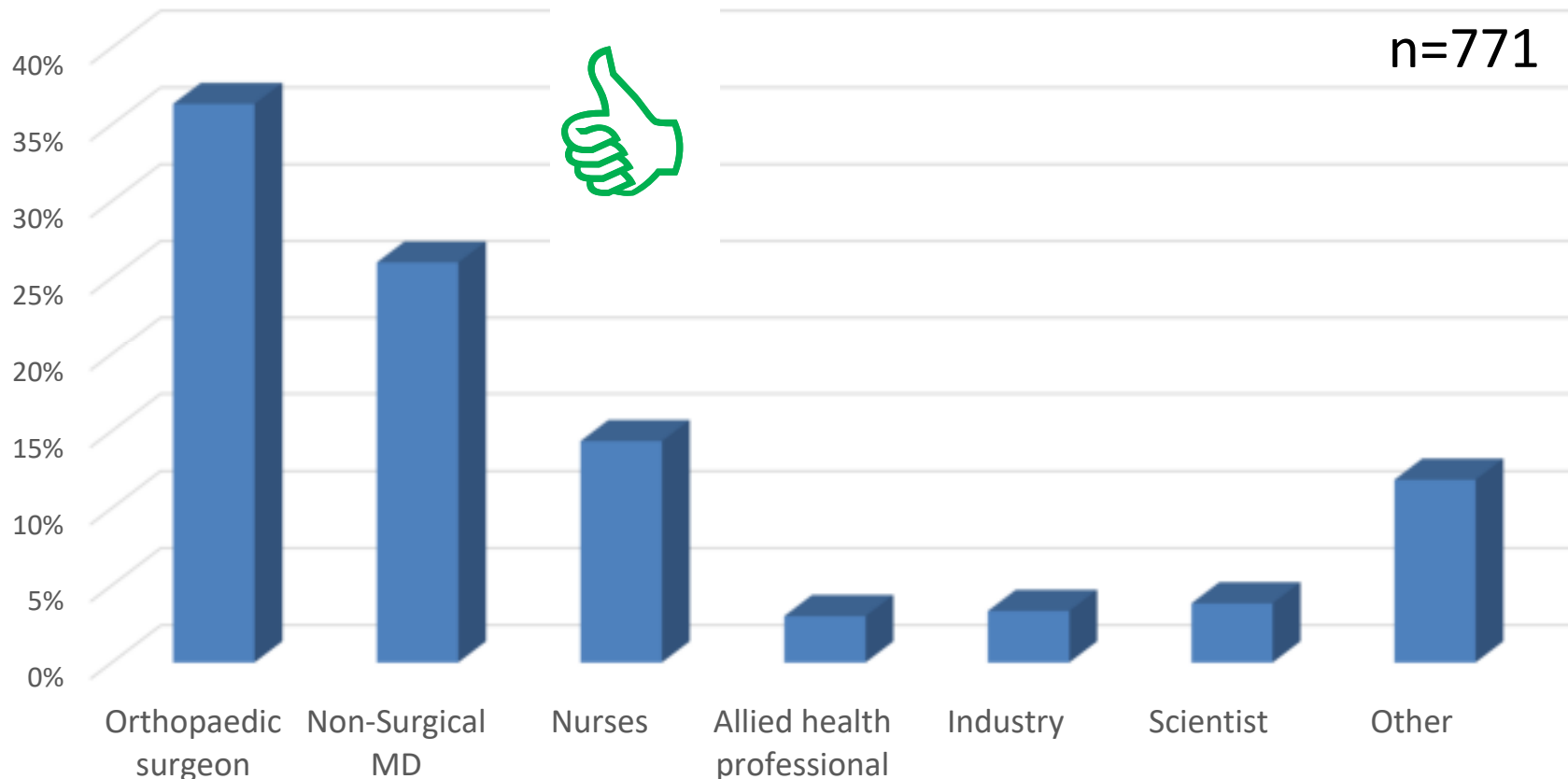
La formación de FFN nacionales

Por qué la FFN necesita regionalización



Global FFN Membership by discipline

Membresía por disciplina

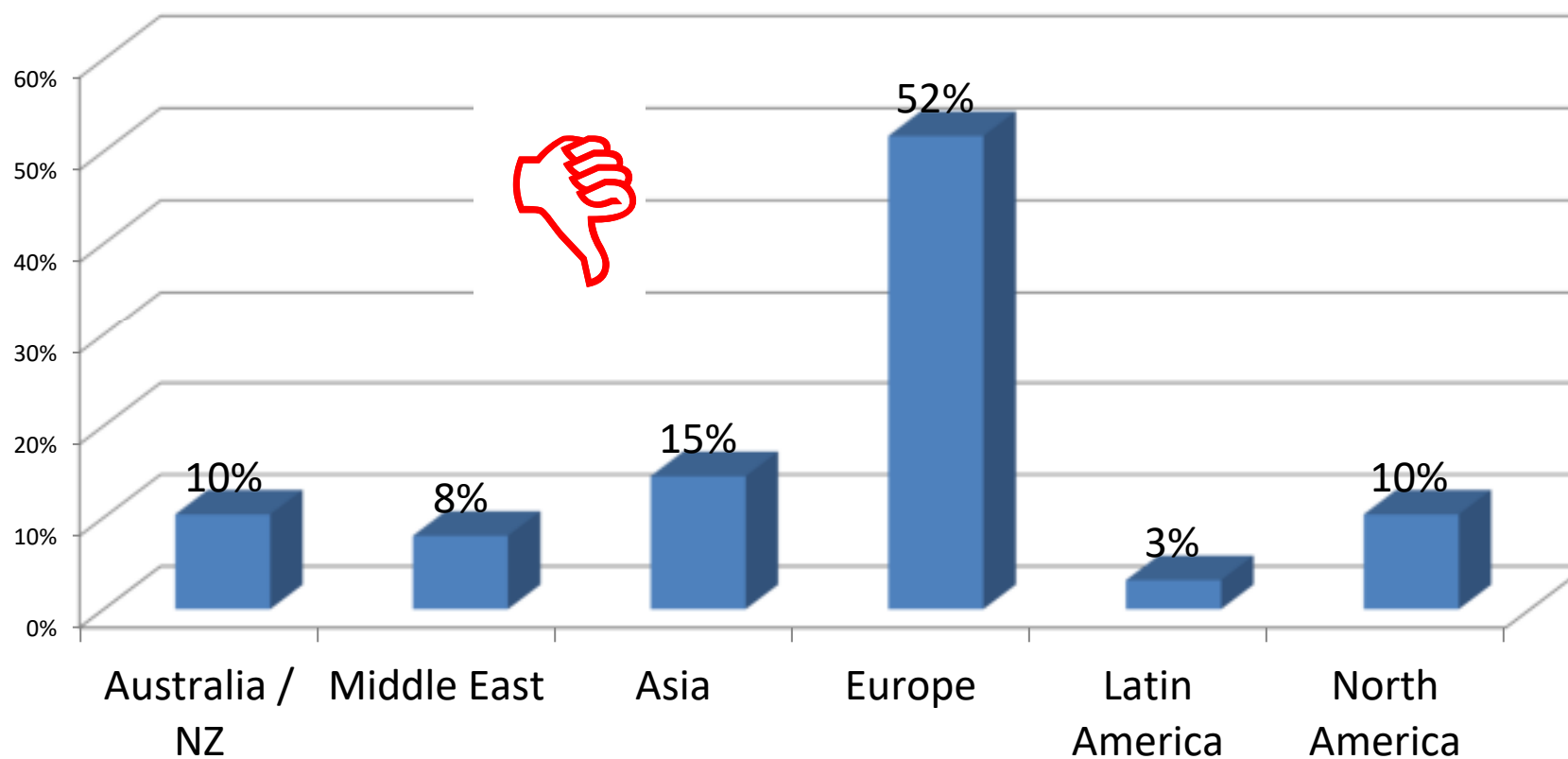




Global FFN

Membership by region

Membresía por región





Two reasons why the FFN needs regionalisation

Dos razones por las cuales la FFN necesita regionalización

1. We are least represented in precisely those parts of the world where the epidemiological trends are worst and people can't afford to come to meetings in Europe

Estamos menos representados precisamente en aquellas partes del mundo donde las tendencias epidemiológicas son peores y las personas no pueden darse el lujo de asistir a reuniones en Europa



Two reasons why the FFN needs regionalisation

1. We are least represented in precisely those parts of the world where the epidemiological trends are worst
2. Policy change happens at national level so that is where a united multidisciplinary voice is needed

El cambio de política ocurre a nivel nacional, de modo que es a nivel nacional donde se necesita una voz multidisciplinaria unida



The essence of regionalisation is the formation of National FFNs

La esencia de la regionalización es la formación de FFN nacionales.

- A National FFN is a multidisciplinary group of clinical leaders from orthopaedics, geriatric/internal medicine, osteoporosis, nursing, rehabilitation/physiotherapy etc

Un National FFN es un grupo multidisciplinario de líderes clínicos de ortopedia, medicina geriátrica / interna, osteoporosis, enfermería, rehabilitación / fisioterapia, etc.

The essence of regionalisation is the formation of National FFNs

- It can facilitate the three clinical pillars by:
 - Multidisciplinary, multiprofessional education eg in Orthogeriatrics and Fracture Liaison Services
 - Change in healthcare policy

Puede facilitar los tres pilares clínicos al generar:

- *Educación multidisciplinaria y multiprofesional, por ejemplo, en Ortogeriatría y Servicios de Enlace de Fracturas (FLS)*
- *Cambio en la política de salud*



Preparing global FFN to lead the implementation of the Call to Action

Preparación de FFN global para liderar la implementación de la Llamada a la Acción

- From the General Assembly in Dublin, July 2018:
 - We abolished the membership subscription for Global FFN
People can now join for free

*De la Asamblea General en Dublín, julio de 2018:
Suprimimos la suscripción de membresía para
Global FFN. Las personas ahora pueden unirse
gratis*



Preparing global FFN to lead the implementation of the Call to Action

- We now have five subcommittees of the Board:
 - *Ahora tenemos cinco subcomités de la Junta:*

| | | |
|-------------------|--------|-----------------|
| – Scientific | SciCom | Already existed |
| – Nominations | NomCom | Already existed |
| – Regionalisation | RegCom | New |
| – Education | EduCom | |
| – Communications | ComCom | |



What will national FFNs do?

¿Qué harán los FFN nacionales?

- Work through existing mono-disciplinary associations, facilitating collaboration, not competing

Trabajar a través de asociaciones monodisciplinarias existentes, facilitando la colaboración, no compitiendo



What will national FFNs do?

- Set goals for national healthcare policy change, boosting the three clinical pillars, pushing for:
 - Resources
 - Standards
 - Financial incentives
 - Registries of hip fracture treatment and outcome

Establecer metas para el cambio de la política nacional de salud, impulsando los tres pilares clínicos y presionando para:

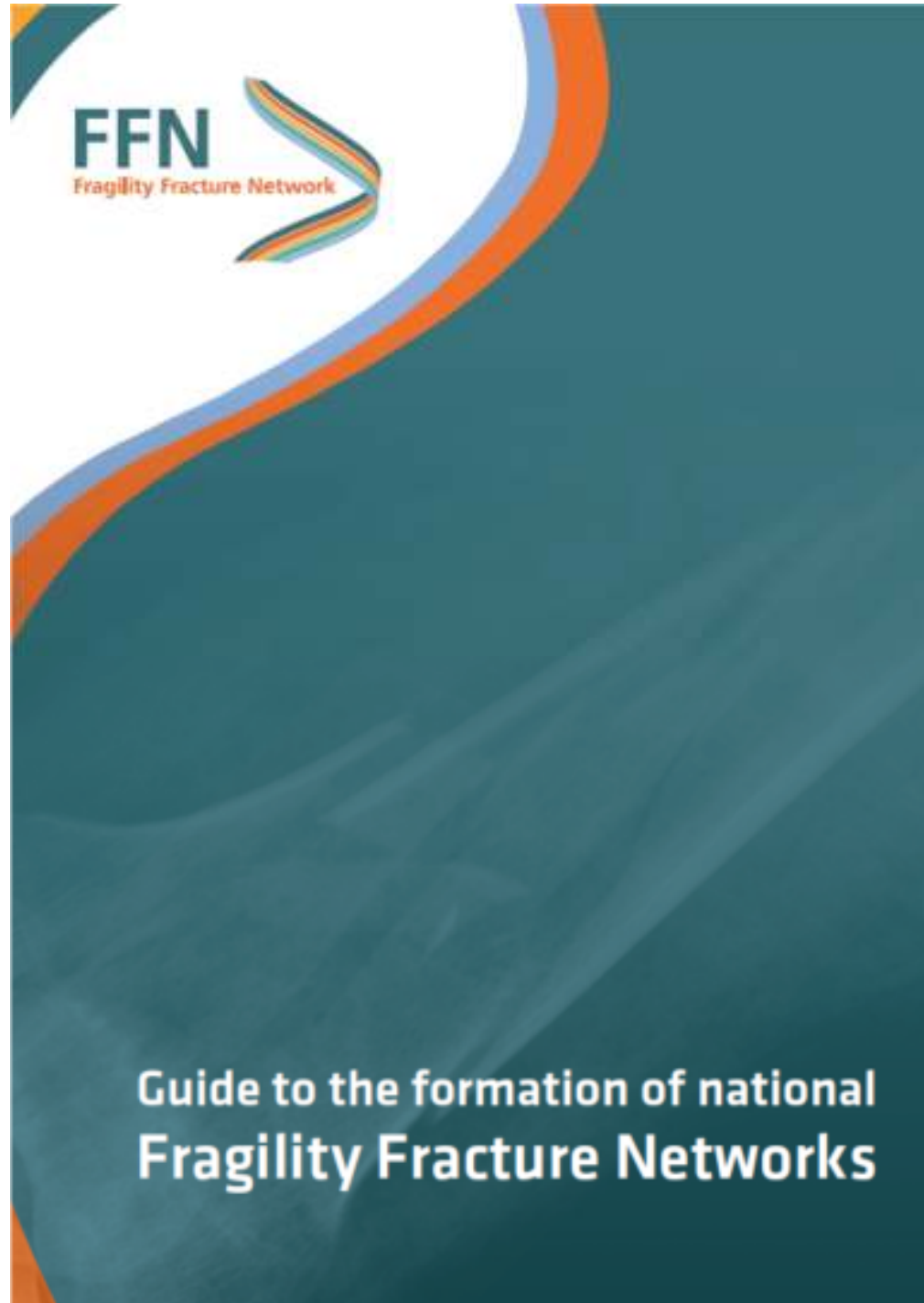
- *Recursos*
- *Normas*
- *Incentivos financieros*
- *Registros de tratamiento y resultados de fractura de cadera*

What will national FFNs do?

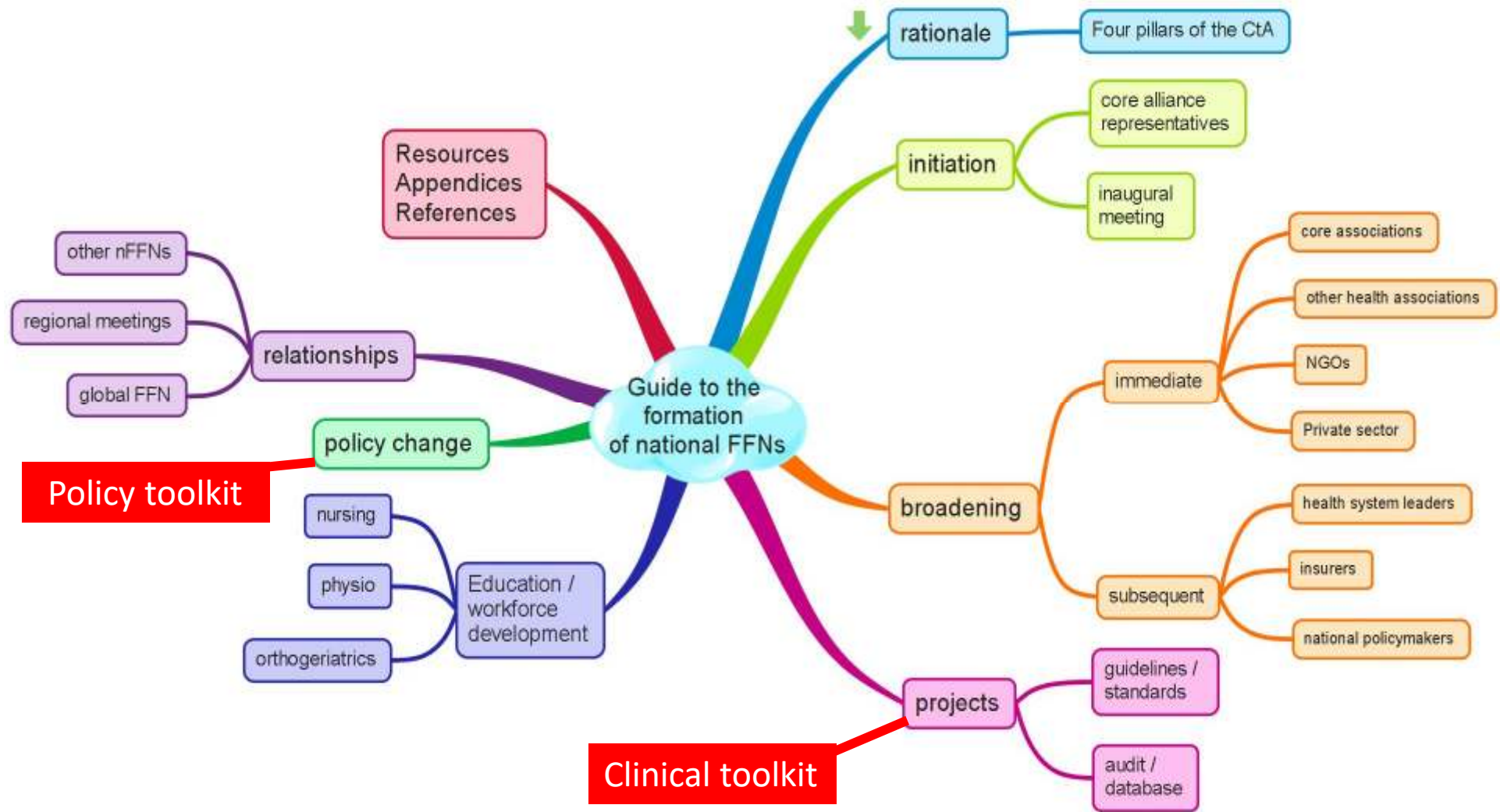
- Deliver multidisciplinary education
 - Orthogeriatrics
 - Nurses
 - Physiotherapists

Ofrecer educación multidisciplinaria

- *Ortogeriatría*
- *Enfermeras*
- *Fisioterapeutas*



*Guía para la formación
de redes nacionales de
fractura por fragilidad
(National FFNs)*





Please join the global FFN

Por favor únete a la FFN global

- It's free and carries no obligations

Es gratis y no conlleva obligaciones



Please join the global FFN

A screenshot of a web browser displaying the FFN membership page. The browser's address bar shows the URL 'www.fragilityfracturenetwork.org/membership/'. The page features the FFN logo at the top left and a navigation menu with links for Home, About, What We Do, FFN Congress, Global Regions, Membership, News, and Contact. A 'MEMBERSHIP LOGIN' button is visible on the right side of the navigation bar. Below the navigation bar is a large banner image of a conference room with many people seated at long tables, facing a stage. The text 'Leading the world to better health' is visible on the left side of the banner. Below the banner, the word 'Membership' is displayed in a large, grey font. A prominent orange button with the text 'Join the FFN' is centered on the page and is circled in red. The Windows taskbar is visible at the bottom of the screen, showing the search bar and various application icons.

Regional Expert Meetings

- Spreading enthusiasm, sharing experience of national FFN development within a region

Difundir entusiasmo, compartir experiencias de desarrollo nacional de FFN dentro de una región

- Asia Pacific – Tokyo – Nov 2018
- Southern Europe – Athens – April 2020
- **Latin America – São Paulo – June 2020**
- Asia Pacific (II) – FFN-Malaysia – October 2020



REUNIÓN REGIONAL LATINOAMERICANA DE EXPERTOS SOBRE EL MANEJO Y PREVENCIÓN DE FRACTURAS POR FRAGILIDAD



18-20 de junio, São Paulo

REMSaoPaulo2020@ff-network.org

Queridos colegas,

Debido al rápido envejecimiento que afecta la población de su país, la región latinoamericana, en las próximas décadas, será testigo de un incremento en el número de fracturas por fragilidad ósea, entre las cuales la fractura a la cadera y otras. Con tales accidentes en aumento, será muy difícil para los actuales sistemas de salud hacer frente a tal demanda.

La FFN, *Fragility Fracture Network* por sus siglas en inglés, es una organización global dedicada a enfrentar este tipo de retos para la salud, publicando en 2018 una iniciativa llamada Call to Action¹ (llamado a la acción) con el objetivo de:



There are now 14 National FFNs

Ahora hay 14 FFN nacionales

- Japan, India, China, Philippines, Thailand, Malaysia, Korea, Nepal (ojalá Myanmar pronto)
- Brasil (ojalá México pronto)
- Lebanon
- Greece, Norway, Italy, UK (ojalá Ireland y Finland pronto)



Summary

- The multidisciplinary approach of the FFN gives the best chance of surviving the coming tsunami of fragility fractures

El enfoque multidisciplinario de la FFN brinda la mejor oportunidad de sobrevivir al próximo tsunami de fracturas por fragilidad

- FFN is making a determined attempt to move beyond Europe, to regions where our message is needed most

FFN está haciendo un gran esfuerzo por ir más allá de Europa, a las regiones donde más se necesita nuestro mensaje

- We are calling this a Regionalisation strategy

A esto lo llamamos una estrategia de regionalización



Summary

- National FFNs can implement the Call to Action by catalysing multidisciplinary alliances through existing mainstream professional associations

Los National FFN pueden implementar la Llamada a la Acción catalizando alianzas multidisciplinarias a través de asociaciones profesionales convencionales existentes

- Regional Expert Meetings are designed to stimulate the formation of National FFNs in Asia Pacific, Latin America, Middle East and Europe

Regional Expert Meetings están diseñadas para estimular la formación de National FFNs

Summary

- The ageing population forces us to improve the quality of our services for fragility fractures

El envejecimiento de la población nos obliga a mejorar la calidad de nuestros servicios para las fracturas por fragilidad

- The key is a multidisciplinary approach
 - Orthogeriatric co-management of the acute episode and rehabilitation
 - Secondary prevention after every fragility fracture

- National FFNs will facilitate this strategy

National FFNs facilitarán esta estrategia

The Regionalisation Strategy

