



# IOF REGIONAL '21

8<sup>TH</sup> ASIA PACIFIC OSTEOPOROSIS VIRTUAL CONFERENCE

DEC. 1<sup>ST</sup> - 2<sup>ND</sup>, 2021 | Online



## Abstract Book



Our vision is a world without fragility fractures  
in which healthy mobility is a reality for all.

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



[WWW.IOF-REGIONAL.ORG](http://WWW.IOF-REGIONAL.ORG)



## TABLE OF CONTENTS

**Welcome Message** . . . . .

**About IOF** . . . . .

**Event Information** . . . . .

**Contact Information** . . . . .

**Committees** . . . . .

**Partner** . . . . .

**Programme - Post Fracture care in Asia Pacific** . . . . .

**Programme - IOF Regional Conference** . . . . .

**Programme - Sponsored Symposia** . . . . .

**Speakers' Abstracts** . . . . .

**Sponsored Symposium Abstract** . . . . .

**Oral Communication Abstracts** . . . . .

**Poster Abstracts** . . . . .

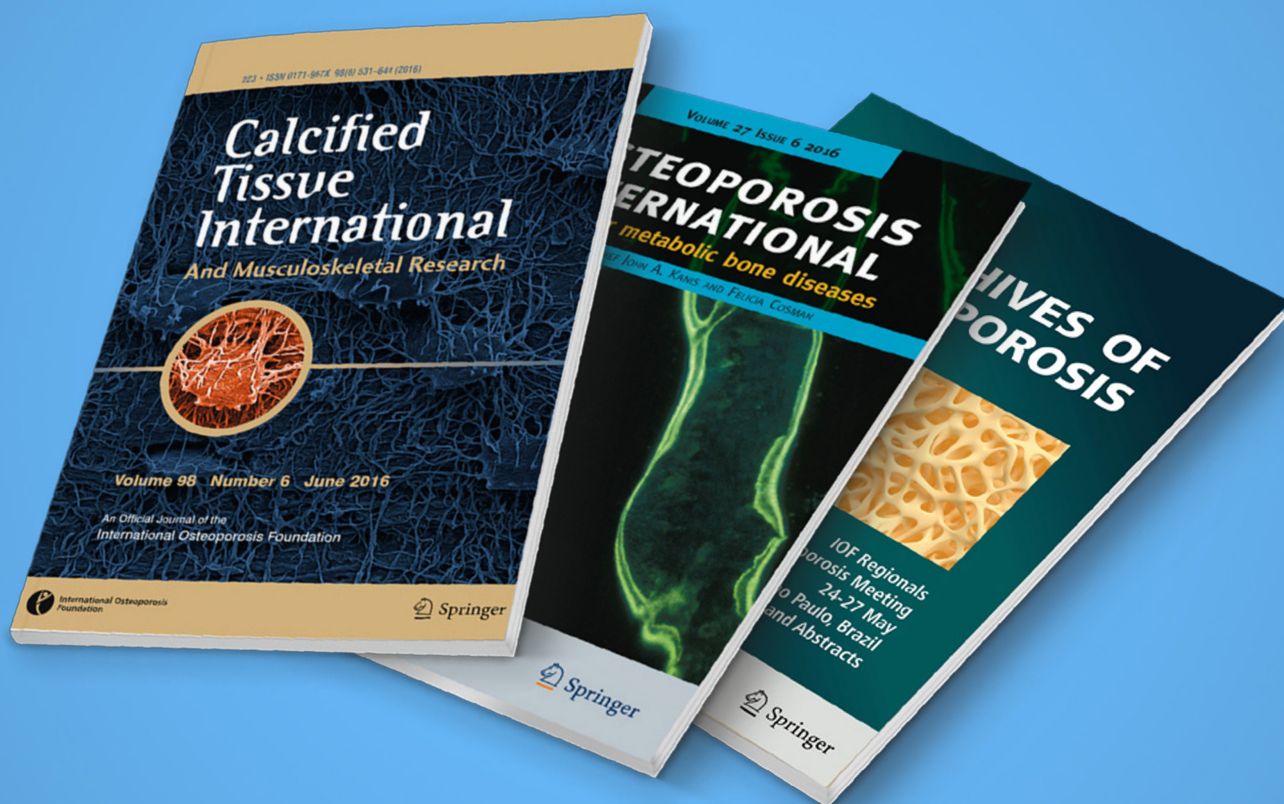
**Author Index** . . . . .



Keep up with the latest research and advances in the field

# LEADING JOURNALS with impact

IOF offers an extensive publication portfolio of leading scientific journals in the field of osteoporosis and bone health.



## Osteoporosis International

Editors-in-Chief: John A. Kanis and Felicia Cosman

Highly cited, journal of choice for the latest clinical research in the musculoskeletal field

## Archives of Osteoporosis

Editors-in-Chief: John A. Kanis and Felicia Cosman

With an increasing impact factor, this is an ideal platform to present regional research and guidelines

## Calcified Tissue International & Musculoskeletal Research

Editors-in-Chief: Stuart H. Ralston and René Rizzoli

Cutting edge preclinical and translational research in the bone and muscle field



Our vision is a world without fragility fractures, in which healthy mobility is a reality for all.

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



## ICCBH

10TH INTERNATIONAL CONFERENCE  
ON CHILDREN'S BONE HEALTH

2-5 July 2022

DUBLIN, IRELAND

ABSTRACT DEADLINE:

**14 February 2022**



### KEY TOPICS:

- Bone development and growth
- Bone assessment
- Bone fragility and metabolism
- New bone diagnostics
- Epidemiology
- Bone health in chronic and rare diseases
- Novel drug targets and medical therapies
- Nutrition and rickets
- Physical activity and muscle-bone relationships
- Advances in orthopaedic surgery
- Genetics and metabolomics of bone signalling and structure

*"This conference was amazing, both in terms of speakers and organisation"*

*"One of the friendliest and best organised conferences I have ever attended"*

*"I spent four wonderful, inspiring, exciting days"*

## ICCBH Bone School

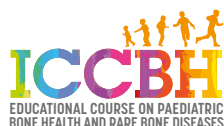
[www.iccbhboneschool.org](http://www.iccbhboneschool.org)

30 JUNE – 1 JULY 2022

DUBLIN, IRELAND

### Who should attend?

- Clinical paediatric, adult and endocrine trainees and fellows with an interest in bone disease
- Clinical and translational researchers



14TH INTERNATIONAL CONFERENCE  
ON OSTEOGENESIS IMPERFECTA

## OI2022

30 AUGUST -  
2 SEPTEMBER 2022

SHEFFIELD, UK

ABSTRACT DEADLINE: 25 APRIL 2022

[www.oi2022.org](http://www.oi2022.org)



## ICCBH NEW INVESTIGATOR NETWORKING GROUP

**AIMS:** Keep the community connected and support career development

**TARGET AUDIENCE:** Early-career clinical and basic researchers with focus on paediatric bone health from anywhere in the world

CONTACT: [iccbh-ni@googlegroups.com](mailto:iccbh-ni@googlegroups.com)

### Monthly eBulletin

Please email us at [iccbh@ectsoc.org](mailto:iccbh@ectsoc.org) to join our current awareness service for new papers, grant and job opportunities, events and more.





**ABSTRACT SUBMISSION & REGISTRATION  
OPEN OCTOBER 2021**

**14TH INTERNATIONAL CONFERENCE  
ON OSTEOGENESIS IMPERFECTA**

**OI2022**

**30 AUGUST - 2 SEPTEMBER 2022**

**SHEFFIELD, UK**

**ABSTRACT DEADLINE:  
FRIDAY 25 APRIL 2022**



**[www.oi2022.org](http://www.oi2022.org)**

**OI2022**

The meeting will  
be of interest to:

**Metabolic bone specialists**  
**Endocrinologists**  
**Adult physicians**  
**Paediatricians**  
**Dentists**  
**Geneticists**  
**Genetic counsellors**  
**Nephrologists**  
**Neurosurgeons**  
**Orthopaedic surgeons**  
**Nurses**  
**Occupational therapists**  
**Physiotherapists**  
**Psychologists**  
**Radiologists**  
**Molecular biologists**  
**Cell and stem biologists**

MEETING CHAIR:

**Nick Bishop** (*Sheffield, UK*)

SCIENTIFIC PROGRAMME COMMITTEE

**Joan Marini**, CHAIR (*USA*)

**Franco Antoniazzi** (*Italy*)

**Darko Anticievic** (*Croatia*)

**Nick Bishop** (*UK*)

**Peter Byers** (*USA*)

**Raymond Dalglish** (*UK*)

**Anne de Paepe** (*Belgium*)

**Francois Fassier** (*Canada*)

**Antonella Forlino** (*Italy*)

**Francis Glorieux** (*Canada*)

**Richard Kruse** (*USA*)

**Gerard Pals** (*The Netherlands*)

**Cathleen Raggio** (*USA*)

**Marianne Rohrback** (*Switzerland*)

**Oliver Semler** (*Germany*)

**Lena Lande Wekre** (*Norway*)

For further information contact  
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## WELCOME MESSAGE

**Dear Colleagues,**

It is with great pleasure that we welcome you virtually to the IOF Regional - 8th Asia Pacific Osteoporosis Conference.

The Conference's scientific programme has been developed by a team comprising members of the Board, the Committee of Scientific Advisors of the International Osteoporosis Foundation (IOF) and the Regional Advisory Council in Asia Pacific. We would like to thank the Scientific Chairs, Professors Cyrus Cooper, Nicholas Harvey and Jean-Yves Reginster, for taking the initiative to put together an exciting and comprehensive programme that brings together the world's leading experts in the field of musculoskeletal health and disease.

We are all meeting virtually with a common aim - to gather new knowledge, skills and tools in the prevention and treatment of osteoporosis. Joint sessions with societies from Asia Pacific will be dedicated to post fracture care and the development of fracture liaison services (FLS), with an emphasis on the regional approaches and practice. We hope that this Conference will move the field one step forward on all fronts, from new understanding of bone metabolism and pathology, to new strategies and options in prevention, diagnosis and treatment, as well as post fracture care.

The core scientific programme consists of several plenary sessions with renowned speakers, an Oral Communications session selected from the very best abstracts submitted. In addition, participants can choose among 6 different Meet-the-Expert sessions.

We also encourage you to attend the scheduled poster viewing sessions, industry sponsored satellite symposium and to visit the virtual exhibition.

Thank you for your participation. We will do our best to ensure that this conference is a memorable and enriching experience for all.

### Conference Co-Chairs

Prof. Cyrus Cooper

Dato' Dr Lee Joon Kiong

Prof. Thawee Songpatanasilp





## ABOUT IOF

The **International Osteoporosis Foundation (IOF)** is the only worldwide organization dedicated to the prevention, diagnosis and treatment of osteoporosis and related musculoskeletal diseases. It is a Swiss not-for-profit Foundation acting as an umbrella organization bringing together all stakeholders; including, scientists, physicians, patient and medical societies as well as corporate partners interested in osteoporosis, osteoarthritis and bone health.



IOF has three membership committees including the Committee of National Societies representing 268 members in 100 countries or regions, the Committee of Scientific Advisors represented by 163 thought leaders from around the world and Committee of Corporate Advisors, comprised of 11 companies interested in bone health.

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

### Vision

A world without fragility fractures, in which healthy mobility is a reality for all.

### Mission

To promote bone and musculoskeletal health as a worldwide priority.





## EVENT INFORMATION



8<sup>th</sup> Asia Pacific Osteoporosis Virtual  
Conference

December 1 - 2, 2021

[www.iof-regional.org](http://www.iof-regional.org)  
[econgress.iof-regional.org](http://econgress.iof-regional.org)

## CONTACT INFORMATION

### SECRETARIAT

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### EXHIBIT MANAGER - SPEAKERS

Laura Bechoux

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### CORPORATE SUPPORT OPPORTUNITIES

Emma Grisewood

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Caroline Coolen

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### ORGANIZER

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[info@osteoporosis.foundation](mailto:info@osteoporosis.foundation)  
[www.osteoporosis.foundation](http://www.osteoporosis.foundation)

### TECHNICAL SUPPORT

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### POSTERS & ABSTRACTS

Sophie Leisten

[abstracts@iof-regional.org](mailto:abstracts@iof-regional.org)





## COMMITTEES

### CONFERENCE CHAIRPERSONS

COOPER Cyrus

LEE Joon Kiong

SONGPATANASILP Thawee

### SCIENTIFIC PROGRAMME COMMITTEE

COOPER Cyrus (chair)

HARVEY Nicholas (chair)

REGINSTER Jean-Yves (chair)

ADIB Gemma

BRANDI Maria Luisa

BRUYÈRE Olivier

CAMPUSANO Claudia

CHADHA Manoj

CHAN Derrick

CHANDRAN Manju

CLARK Patricia

DAWSON-HUGHES Bess

DE VILLIERS Tobias

DUQUE Gustavo

EBELING Peter

FERRARI Serge

GENANT Harry

JIWA Famida

KANIS John A

LAU Edith Ming-Chu

LAZARETTI-CASTRO Marise

LEE Joon Kiong

LEKAMWASAM Sarath

MASRI Basel

MCCLOSKEY Eugene

MCCLUNG Michael

MESSINA Osvaldo

MITHAL Ambrish

NAKAMURA Toshitaka

POCOCK Nick

RIZZOLI René

SALEH Youssef

SEEMAN Ego

SUZUKI Atsushi

VALLEENUKUL Thanut

VASIKARAN Samuel

XIA Weibo

YOSHIMURA Noriko

ZAKRAOUI Leith





**IOF REGIONAL '21**

8<sup>TH</sup> ASIA PACIFIC OSTEOPOROSIS VIRTUAL CONFERENCE

**PARTNER**

**GOLD**

**AMGEN<sup>®</sup>**



WORLD CONGRESS  
ON OSTEOPOROSIS,  
OSTEOARTHRITIS AND  
MUSCULOSKELETAL  
DISEASES



WCO  
IOF-ESCEO

2023 BARCELONA

May 4-7, 2023

Barcelona | Spain  
CCIB Congress Center



WORLD'S LEADING CLINICAL CONFERENCE ON BONE, JOINT AND MUSCLE HEALTH  
Congress Organizer Sinklar Congress Management B.V. | Congress Secretariat [www.humacom.com](http://www.humacom.com)

[www.WCO-IOF-ESCEO.org](http://www.WCO-IOF-ESCEO.org)



## POST-FRACTURE CARE IN ASIA PACIFIC

Local Time (UTC+7)

Chairpersons: Cyrus Cooper & Philippe Halbout

Wed, December 1

Thu, December 2

### 14.00 OPENING REMARKS

Chairs: Cyrus Cooper & Philippe Halbout

### 14.05 IOF CAPTURE THE FRACTURE® PARTNERSHIP PROGRAMME

Speakers: Philippe Halbout & Werner Fehn

- *Welcome*
- *Overview of the initiative*
- *Lyosis® - Fracture Management Tool for FLS*
- *Q&A Session*

### 14.40 PANEL DISCUSSION: SHARING EXPERIENCE ABOUT THE POST-FRACTURE CARE LANDSCAPE IN THE REGION

Speakers: Pojchong Chotiyarnwong, Hiroshi Hagino & Greg Lyubomirsky

- *Management of Osteoporosis and Fragility Fractures: current practice*
- *The key role of the Medical, Scientific & Patient organizations in post-fracture care*
- *Main challenges & success stories*

### 15.25 PANEL DISCUSSION: SHARING EXPERIENCE ABOUT DRIVING POLICY CHANGE IN THE ASIA PACIFIC REGION

Speakers: Joon Kiong Lee, Derrick Chan & Nicholas Fuggle

- *What is the status in the different countries?*
- *How has the covid-19 pandemic impacted engagement with policymakers?*
- *Success stories*

### 15.55 CLOSING REMARKS & TAKE HOME MESSAGES

Chairs: Cyrus Cooper & Philippe Halbout



## IOF REGIONAL CONFERENCE

Local Time (UTC+7)

Wed, December 1

Thu, December 2

17.30

### OPENING CEREMONY

*Chairs: Cyrus Cooper & Thawee Songpatanasilp*

- *Welcome*
- *Lifecourse prevention of osteoporotic fractures – Cyrus Cooper*
- *Clinical studies review 2020-2021 – René Rizzoli*
- *Osteoporosis care gaps and research priorities in Asia-Pacific – Ambrish Mithal*
- *Conclusions*

Wed, December 1

Thu, December 2

09.00

### MEET-THE-EXPERT SESSIONS

*Chair : Ambrish Mithal*

- *Osteoporosis in Men – Sarath Lekamwasam*
- *MHT in Osteoporosis – Unnop Jaisamrarn*

10.00

### SPECIAL SESSION (JOINT SESSION WITH THE ASIA PACIFIC ORTHOPAEDIC ASSOCIATION (APOA))

*Post Fracture Care & FLS Development*

*Chairs: Peter Ebeling & Derrick Chan*

- *The Role of the Orthopedic Surgeon – Joon Kiong Lee*
- *The Role of the Geriatrician – Edward Leung*
- *Development of Hip Fracture Registry in Asia – Jackie Close*
- *Post Fracture Care & FLS in Asia Pacific – Tanawat Amphansap*
- *Panel discussion*





Wed, December 1

Thu, December 2

11.30

## ORAL COMMUNICATIONS SESSION Young Investigator Award and session

*Chairs: Manju Chandran & Tara Brennan-Speranza*

- *OC1 - ELDECALCITOL, AN ACTIVE VITAMIN D, IMPROVED D-GALACTOSE-INDUCED SENESCENCE OF OSTEOCYTES BY INHIBITING APOPTOSIS AND FERROPTOSIS – Y.-F. Fu, M.-C. He, Y. Zhang*
- *OC2 - SEX DIFFERENCES IN THE ASSOCIATIONS BETWEEN CARDIOVASCULAR RISK FACTORS AND PHYSICAL FUNCTION: THE GAMBIAN BONE AND MUSCLE AGEING STUDY (GAMBAS) – A. Zengin, M. Ó Breasail, C. P. Parsons, L. M. Jarjou, R. E. Janha, M. Jobe, A. Prentice, C. Cooper, P. R. Ebeling, K. A. Ward*
- *OC3 - EFFECT OF PTH AND MEDICARPIN SEQUENTIAL THERAPY ON SKELETAL METABOLISM – M. S. Sharma, M. S. Awasthi, D. R. Prakash, M. S. Khanka, D. R. Singh, D. R. Goel*
- *OC4 - THE IMPACT OF PHARMACOLOGICAL INTERVENTIONS FOR OLDER ADULTS WITH SARCOPENIA: A SYSTEMATIC REVIEW OF RANDOMIZED CONTROLLED – A. L. Lee, C. McArthur, H. A. A. Alrob, G. I. Ioannidis, J. D. A. Adachi, L. T. Thabane, J. L. Lee, A. P. Papaioannou*
- *OC5 - PAIN PHENOTYPE AND RISK OF INCIDENT FRACTURES: A 10.7-YEAR FOLLOW-UP STUDY – M. Devine, M. Canchen, J. Tian, G. Jones, F. Pan*
- *OC7 - ASSESSMENT OF CARE GIVEN TO PATIENTS WITH INCIDENT FRAGILITY HIP FRACTURE ADMITTED TO A TERTIARY CARE FACILITY IN SRI LANKA – T. Abeygunasekara, S. Lekamwasam, S. Sabapathippillai*
- *OC8 - IS QUALITY OF LIFE RECOVERY ASSOCIATED WITH LOWER MORTALITY 5 YEARS POST-FRACTURE IN COMMUNITY-DWELLING OLDER ADULTS? – J. Talevski, K. Sanders, S. Vogrin, A. Beauchamp, E. Seeman, S. Iuliano, A. Svedbom, F. Borgstrom, J. Kanis, S. Brennan-Olsen*

13.00

## MEET-THE-EXPERT SESSIONS

*Chair : Tanawat Amphansap*

- *Early post-fracture management – Derrick Chan*
- *Glucocorticoid Induced Osteoporosis – Ikuko Tanaka*

14.00

## BREAK, POSTER AND EXHIBITION VIEWING SESSION



Wed, December 1

Thu, December 2

14.30

## REGIONAL SESSION (JOINT SESSION WITH THE ASIA PACIFIC CONSORTIUM ON OSTEOPOROSIS (APCO) & THE ASIA PACIFIC FRAGILITY FRACTURE ALLIANCE (APFFA))

*Chairs: Manju Chandran & Joon Kiong Lee*

- *How to drive policy change to promote best practice in fracture care in Asia Pacific* – Manju Chandran
- *Management of osteoporosis in the Asia Pacific Region* – Joon Kiong Lee
- *Post Fracture Care Program in Asia: expectations and challenges* – Kassim Javaid
- *Panel Discussion*

16.00

## PLENARY SESSION

*Hot Topics in the Optimization of Skeletal Health*

*Chairs: David Scott & Kate Ward*

- *Algorithm for the management of patients at low, high and very high risk of osteoporotic fractures* – John A Kanis
- *Safety of calcium supplementation* – Nicholas Harvey
- *Long term treatment of osteoporosis* – Elaine Dennison

17.00

## MEET-THE-EXPERT SESSIONS

*Chair: David Scott*

- *Obesity, weight loss and bone health* – Manju Chandran

17.30

## SPECIAL SYMPOSIUM NUTRITION, EXERCISE & BONE HEALTH

*Chairs: Serge Ferrari & Peter Ebeling*

- *Dietary patterns and bone health* – Kate Ward
- *Asian Diet and Bone Health* – Winnie Chee
- *Balanced vs Exercise Training to Prevent Falls* – Derrick Chan



## SPONSORED SYMPOSIA - ONLINE EVENT

Local Time (UTC+7)

Wed, December 1

Thu, December 2

18.30  
to 19.30

### AMGEN SPONSORED SYMPOSIUM

Chair: Aasis Unnanuntana

- *Welcome & Introduction* – Aasis Unnanuntana
- *Optimizing bone strength with sclerostin antibody* – Peter Ebeling
- *Real world clinical experience sharing* – Yumie Rhee
- *Panel discussion* – All





# IOF ALLIANCES IN ASIA PACIFIC



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



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



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



## ▶ IOF ALLIANCES

IOF organizational alliances and collaborations serve to strengthen the osteoporosis movement and drive global advances to improve patient care.

IOF  
CAPTURE *the*  
FRACTURE

# CAPTURE *the* FRACTURE<sup>®</sup>

A GLOBAL PROGRAMME FACILITATING THE IMPLEMENTATION OF POST-FRACTURE CARE COORDINATION PROGRAMS / FRACTURE LIAISON SERVICES (FLS)

## GET MAPPED

Complete the Best Practice Framework questionnaire for evaluation of your service and be part of an internationally recognized FLS network on [www.capturethefracture.org](http://www.capturethefracture.org)

Does your institution have a PFC program/ FLS or would you like to implement one?

**Be part of an international network! Visit the Capture the Fracture<sup>®</sup> website to:**

- ▶ Learn how to set up a PFC program/ FLS with our many resources
- ▶ Apply for free assessment and recognition for your existing program
- ▶ Learn about opportunities for mentorship

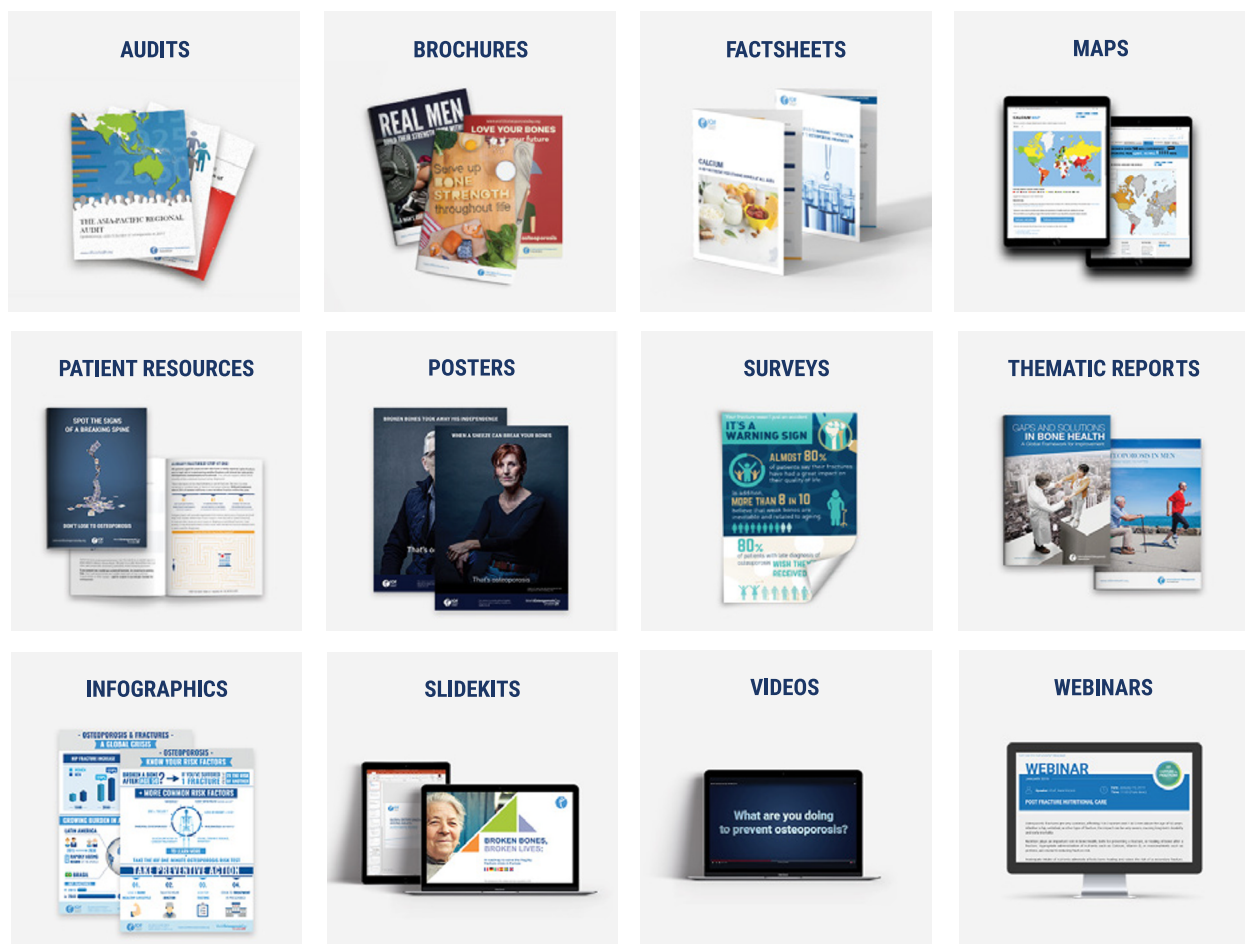
[www.capturethefracture.org](http://www.capturethefracture.org)

# Educational hub

What can I learn today ? 

## VISIT OUR EDUCATIONAL HUB

to download a wide range of **free, multi-language resources**





AN INTERNATIONAL COURSE BY IOF AND ISCD



## Osteoporosis Essentials

Densitometry, Diagnosis and Management

 ISCD  IOF



# LEARN THE ESSENTIALS!

- ▶ Separate tracks for clinicians and technologists
- ▶ Available to clinicians and allied health professionals worldwide
- ▶ Participants take a post-course exam in order to attain an Attestation of Achievement

**Find out how to host or participate in a course near you.**

[www.osteoporosis-essentials.org](http://www.osteoporosis-essentials.org)