

11th Fragility Fracture Network Global Congress Oslo 2023

Enlightening Fragility Fracture Care



Final Programme

Oslo Congress Center 3-6 October 2023



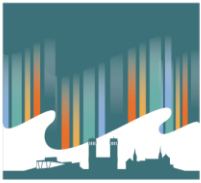
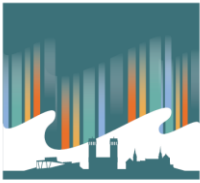


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Welcome to Oslo!

On behalf of the local organizing committee, we have the great pleasure and honour to welcome you to the 11th FFN Global Congress in Oslo October 3rd – 6th 2023.

The title of the congress is: Enlightening fragility fracture care. The title is inspired by the special light we can have in Norway – the Northern Light (Aurora borealis) – that we cannot promise that you will see in Oslo. We can, however, promise an interesting program full of inspiring and enlightening sessions aiming to improve care for fragility fracture patients. The topics aim to cover the four pillars of FFN; acute multidisciplinary care of fracture patients, rapid rehabilitation, secondary prevention of new fractures, and forming national alliances to persuade politicians and promote best practice.

The program consists of

- Plenary sessions with leading professionals from areas including orthopaedic surgery, geriatric medicine, secondary prevention, physiotherapy, nursing, and nutrition.
- Workshops which bring together experts from different professions to find the best solutions for our patients.
- Scientific abstracts presented orally and as posters, including exciting prize sessions
- Sponsored symposia during the lunch breaks and sponsored booths in the foyer

FFN and the Congress have a multidisciplinary approach because we believe that fragility fracture patients get better care when different health professions work together and not beside each other. Please visit the FFN booth to see all the exciting products and tools that have been completed this year to help you enhance your care of patients with fragility fractures

The Pre-Congress Day program on October 3rd is arranged by the FFN Special Interest Groups, in collaboration with the Oslo Pre-Congress Day Committee. We believe the content may be of interest for most of us, although there is special emphasis on nurses, physiotherapists, and secondary prevention. S

We hope you will enjoy the congress, and as the host of this FFN Global Congress we will make every effort to ensure a memorable event for you. We aim to not only provide an exciting program, but also by enlightening and facilitating contacts among participants coming from all over the world, to improve the evidence-based treatment of our patients.

Below you will find more detail on everything, and in the Congress App you may find even more.

Enjoy!

Oslo, October 2023



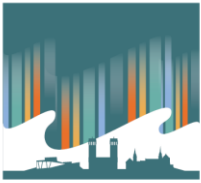
Anette Hylen Ranhoff
Chair Scientific Committee



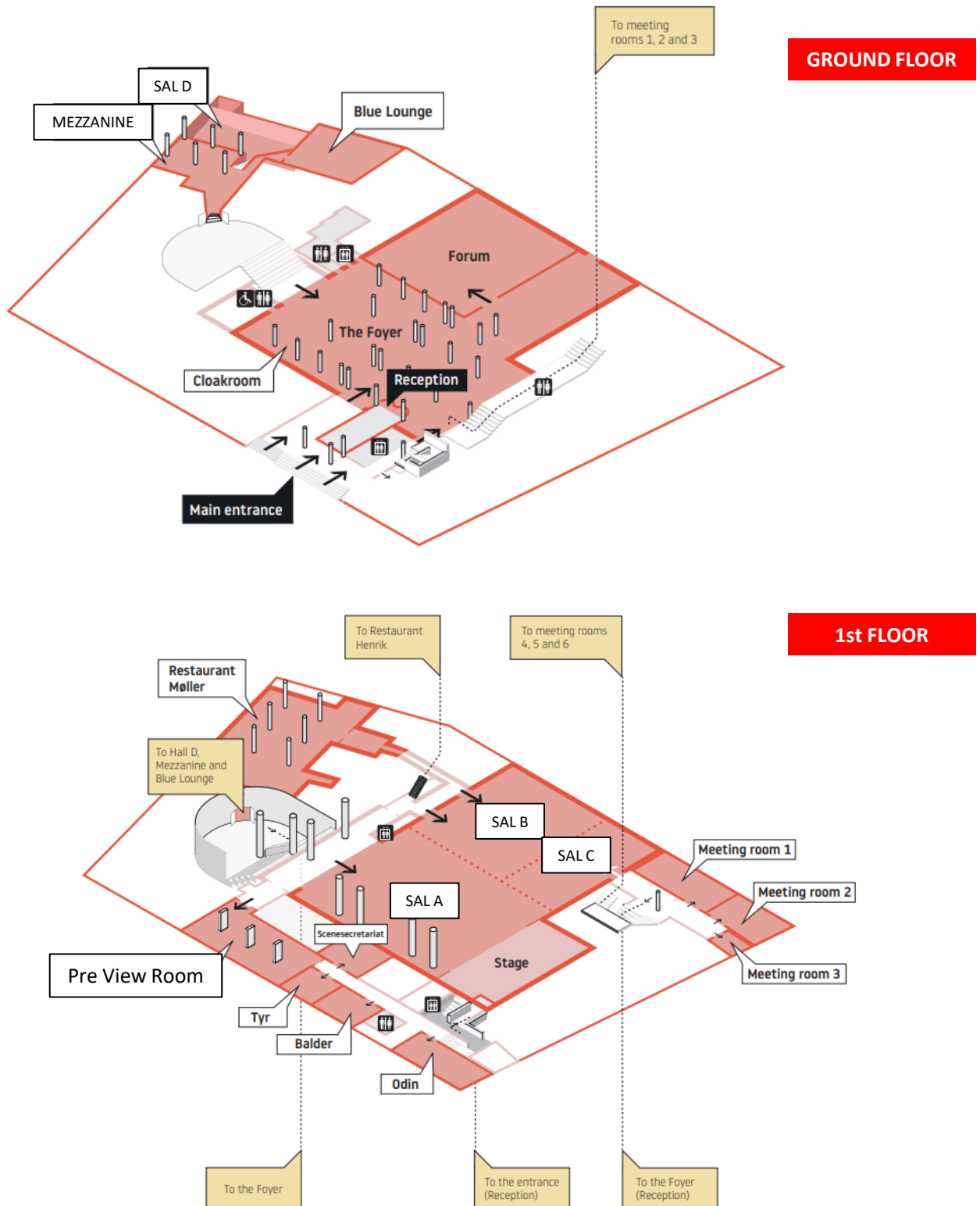
Lauren Beaupre
President

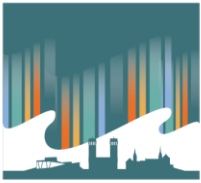


Frede Frihagen
Chair Organising Committee



Floor Plan Oslo Congress Center





Local organising committee

Alcinda Rudolph, Nurse

Anette Hylen Ranhoff, Geriatrician

Bård Bogen, Physiotherapist

Christine Ekrheim, Nurse

Denisa Velic, Nurse

Frede Frihagen, Surgeon

Gudrun Johannesen Karlsen, Nurse

Ingrid Sjørdahl, Nurse

Ingvild Hestnes, Nurse

Ingvild Saltvedt, Geriatrician

Jan-Erik Gjertsen, Surgeon

Kristin Taraldsen, Physiotherapist

Lene B Solberg, Surgeon

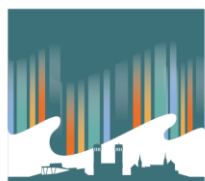
Maren Paus, Surgeon

Marte Traae Magnusson, Physiotherapist

Sissel Urke Olsen, Dietician

PCO: KSCI/Kristin Solstad <https://www.ksci.no/>





Scientific committee

Anette Hylen Ranhoff, (Chair) Norway,
Geriatrician

Jose Luis Dinamarca Montecinos (Deputy
Chair), Chile, Geriatrician

Lauren Beaupre (President FFN) Canada,
Physical therapist

Matt Costa, UK, Surgeon

Antony Johansen, UK, Geriatrician

Cris Ojeda-Thies, Spain, Surgeon

Morten Tange Kristensen, Denmark, Physical
therapist

Opinder Sahota, UK, Geriatrician

Lora Giangregorio, Canada, Kinesiologist

Kathleen Mangione, USA, Physical therapist

Robyn Speerin, Australia, Nurse

Sonia Singh, Canada, Physician

Iain Moppett, UK, Anaesthetist

Lynn McNicoll, USA, Geriatrician

Katie Sheehan, UK, Physical therapist

Ellen Binder, USA, Geriatrician

Julie Santy Tomlinson, UK, Nurse

Donato Agnusdei, Italy, Endocrinologist

Noriaki Yamamoto, Japan, Surgeon

Jenny Thain, Canada, Geriatrician

Rhona McGlasson, Canada, Physical therapist

Elias Panagiotopoulos, Greece, Surgeon

Seth Tarrant, Australia, Surgeon

Frede Frihagen, Norway, Surgeon

Jack Bell, Australia, Dietician

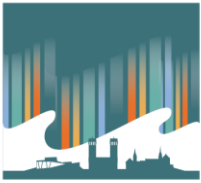
Emma Sutton, UK, Physical therapist

Lene B Solberg, Norway, Surgeon

Maren Paus, Norway, Surgeon

Jay Magaziner, USA, Geriatrician

Adriana Braga, Brazil, Geriatrician



11th Fragility Fracture Network Global Congress Oslo 2023

Enlightening Fragility Fracture Care

General Information

General Information from A to Z

Congress Dinner

Congress Dinner will be arranged at Gamle Logen on Thursday 5th at 19:30.
Dresscode: Smart / Casual

Congress Homepage

www.ffn-oslo-2023.com

Internet/WIFI

Free wireless internet is available throughout the congress venue. Network: Oslo Kongressenter

Lost and Found

For lost and found items, please refer to the registration counter.

Lunch

A buffet lunch will be served in the Foyer. There will be sponsored lunch symposiums in SAL A on Wednesday 4th, Thursday 5th, and Friday 6th. Food is permitted in the lecturing rooms.

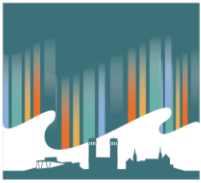
Name Badge

For identification purposes, badges have to be worn during all congress activities. Admission to the congress will not be allowed without badge identification.

Networking Reception

Networking Reception, hosted by the Mayor of Oslo, will be arranged in Oslo City Hall on Wednesday 4th at 18:30. Doors open at 18:00, **be there on time as the program starts on time at 18:30**, remember to bring your invitation that you will receive by e-mail. Dresscode: Smart / Casual.





General Information from A to Z

Poster Exhibition

Poster exhibitions are located on the Ground Floor in room FORUM and on the Mezzanine in SAL D. There will be posterwalks during the lunch breaks on Thursday and Friday. See Program for details.

Registration

The registration desk is located in the Foyer on the Ground Floor. Registration is only valid after complete payment of the congress fee.

Opening hours:

Tuesday 3 rd (Pre Congress Day):	09:00 – 17:20
Wednesday 4 th :	07:30 – 17:20
Thursday 5 th :	08:00 – 17:40
Friday 6 th :	07:30 – 14:10

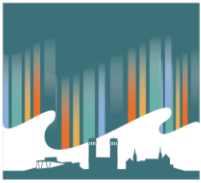
Speaker's Pre View Room

The media check is located on the 1st Floor. Speakers are asked to hand in their presentations at least 1 hour prior to session start. All rooms are equipped for PowerPoint presentations.

Opening hours:

Wednesday 4 th :	07:00 – 17:30
Thursday 5 th :	08:00 – 17:30
Friday 6 th :	07:00 – 11:00

Note that all Pre Congress Day presenters are asked to bring their presentations directly to the lecture rooms on a USB stick.



Instructions for Speakers

Preparation of presentation

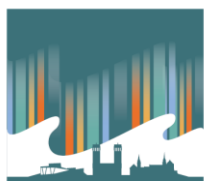
- Please note that the presentation must be completed in Microsoft PowerPoint.
- Please pay extra attention to animations and videos if you are using PowerPoint for Mac, especially if it is a not so new version. You may have to convert your file to PC format.
- Format of presentation is 16:9
- You should include funding and potential conflicts of interest (COI) on the second slide Please feel free to use the attached slide template if you find it useful
- Please note that the Congress language is English. All presentations must be made in English

At the Congress

- Onsite at the Congress please visit the registration kiosks/desk when you first arrive and collect your name badge and lanyard. From there you will be directed to the Speaker Preview Room to check in with the technicians
- Presenters are required to bring their presentation on a USB stick to the Congress
- Please load and check your presentation at least 1 hour prior to session start
- The use of private computers is not possible

Interaction with the audience through the Congress app

- The Congress app provides possibilities for Poll, Quiz, Word Cloud and Q&A in each session
- Please let us know by Monday 2 October if you will use the Congress app for interaction with your audience so the technicians can arrange this for you
- Send your questions for the poll/quiz to kristin@ksci.no
- After the session the answers from the audience will be available for you in an excel sheet if pre-specified



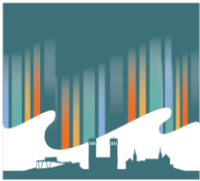
11th Fragility Fracture Network Global Congress Oslo 2023

Enlightening Fragility Fracture Care

Full Programme

Wednesday 04 October

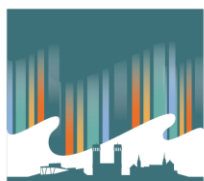
07:30-09:00	Registration				07:30-09:00
08:30-09:00	Opening ceremony and Welcome to the FFN Global Congress 2023 Lauren Beaupre, Anette Hylen Ranhoff, Frede Frihagen				08:30-09:00
09:00-10:15	Plenary Session 1 - Enlightening Fragility Fracture Care Chairs: Lauren Beaupre and Anette Hylen Ranhoff				09:00-10:15
09:00-09:05	Welcome				09:00-09:05
09:05-09:25	Latest evidence in hip fracture: Does it matter how we fix arthroplasty implants to the bone? Professor Matt Costa, Orthopaedic Surgeon, UK				09:05-09:25
09:25-09:45	Goals of care for older hip fracture patients - understanding what matters Julie Switzer, Orthopaedic Surgeon, USA				09:25-09:45
09:45-10:05	Getting FLSs started, effective and sustainable: International lessons Ass. Professor Kassim Javaid, Rheumatologist, UK				09:45-10:05
10:05-10:15	Panel Discussion				10:05-10:15
10:15-10:50	Morning Coffee Break				10:15-10:50
10:50-12:20	Interdisciplinary Workshops 1-4				10:50-12:20
10:50-12:20	SAL A Challenges in implementing delirium detection, treatment and prevention in hip fracture patients across the whole patient journey (Alasdair MacLullich)	SAL B Zoledronate after hip fracture – defining and defeating the treatment gap (Antony Johansen)	SAL C Sex differences in the consequences of hip fracture and implications for multi-disciplinary orthogeriatric care (Jay Magaziner)	SAL D FFN Education Committee - workforce development (Stefano Eleuteri)	10:50-12:20
12:20-13:20	Lunch SAL A: Lunch symposium Nutrition (12:30-13:15) sponsored by Danone/Nutricia				12:20-13:20
13:20-14:50	Interdisciplinary Workshops 5-8				13:20-14:50
13:20-14:50	SAL A Oral nutritional supplements in older people with fractures (Jack Bell)	SAL B Maximising the potential of local and national hip fracture audit (Antony Johansen)	SAL C FFN Regionalisation Committee -empowering National FFNs: Spreading orthogeriatric care to the grassroots (Irewin Tabu)	SAL D Quality improvement for hip fracture care: Lessons learnt from China (Maoyi Tian)	13:20-14:50
14:50-15:20	Afternoon Coffee Break				14:50-15:20
15:20-16:15	SAL A Late Breaking news Chairs: Opinder Sahota and Kristin Taraldsen	SAL B Acute Care 1 Chairs: Elias Panagiotopoulos and Jan-Erik Gjertsen	SAL C Acute Care 2 Chairs: Irewin Tabu and Julie Santy-Tomlinson	SAL D Policy Chairs: Jack Bell and Sissel Urke Olsen	15:20-16:15
15:20-15:25	O-4.1: A tool for improving pre-operative assessment by echocardiography in orthogeriatric patients Chiara Properzi	O-1.1: Nail vs DHS for intertrochanteric Hip Fractures: Results from Five Years of The Irish Hip Fracture Database May Cleary	O-2.1: A BMJ special issue paper: Orthopaedic Out Of Bed Project (OOBP): Improving early mobilisation following femoral fracture using a therapy-led education programme Rene Gray and Melissa Taylor	O-3.1: Extent of informal caregiving to older home-dwelling persons after hip fracture: a prospective cohort study Jonas Ammundsen Ipsen	15:20-15:25
15:27-15:32	O-4.2: Levels of physical activity among patients hospitalized following hip fracture and the risk of readmission and mortality: A prospective cohort study Maria Swenneberg Hansen	O-1.2: Comparison of intramedullary nails in the treatment of trochanteric and subtrochanteric fractures. An observational study of 13,232 fractures in the Norwegian Hip Fracture Register Kirsten Marie Grønhaug	O-2.2: The Association between the Clinical Frailty Scale (CFS) and Postoperative Outcomes Following Hip Fracture Surgery : Length of Stay, Discharge Mobility and Discharge Destination Vanessa Jane Chow and Victoria Ahmad	O-3.2: Milk intake and hip fracture incidence in community-dwelling old Icelandic adults Sigrún Sunna Skúladóttir	15:27-15:32
15:34-15:39	O-4.3: The orthogeriatric patient blood management improves clinical outcomes: Preliminary results from a clinical observational study Marta Baroni	O-1.3: Sliding hip screw vs intramedullary nail for trochanteric hip fracture - no difference in death at 120 days after – a nationwide cohort study on 26,262 patients from the Swedish Hip Fracture Register RIKSHÖFT Katarina Greve	O-2.3: Declining incidence of hip fractures continues in Oslo, Norway Ingvild Hestnes	O-3.3: Hip fractures in Iceland over 11 years' time, from 2008 to 2018 Sigrún Sunna Skúladóttir	15:34-15:39
15:41-15:46	O-4.4: Effectiveness of zoledronic acid treatment within 14 days of hip fracture surgery Betiana Mabel Perez	O-1.4: Can a modified posterior approach reduce dislocation and reoperation following femoral neck fractures treated with hemiarthroplasty? Bjarke Vilberg	O-2.4: Cross-sectional descriptive study at 6 months in a patient after a hip fracture. Santiago Cotobal Rodeles	O-3.4: Prevalence of osteoporosis, sarcopenia, and high falls risk in Thai older adults: A nationwide community-based survey Nath Adulkasem	15:41-15:46
15:48-15:53	O-4.5: Falls and hospitalization among older adults attending memory clinic in a university hospital Hui Min Khor	O-1.5: Direct-acting anticoagulant use in hip fracture patients: findings from a large clinical cohort Mads Sundet	O-2.5: Comparison of basic characteristics and one-year post-fracture survival treated in two Nordic hospitals in 2011-2018 Maria Nuotio	O-3.5: Epidemiology of common fractures in elderly Norwegians 2010–2021 Jørgen Andvik	15:48-15:53
15:55-16:00	O-4.6: The Stable Acute Vertebral (SAVe) compression fracture study: a novel clinical care pathway for the management of osteoporotic vertebral compression fractures Paul McCarroll	O-1.6: Subcutaneous alfentanil administration for rapid control of movement-related pain and successful mobilisation of hip fracture patients in post-operative day 1: a preliminary audit study Robyn McCann and Eilidh de Klerk	O-2.6: Comparing two different orthogeriatric models of care for hip fracture patients – an observational prospective cross-sectional study Lene Bergendal Solberg	O-3.6: Projected hip fracture incidence in Scotland Luke Farrow	15:55-16:00
16:02-16:07	Absorptiometry study to establish an appropriate FRAX cut-out values for osteoporosis screening in Thailand Pojchong Chotiyarnwong	O-1.7: Overweight and obesity in hip fracture patient: A blessing or a curse? Maren Paus	O-2.7: Distal femur fractures: The use of a fibular strut allograft with dual locking plates allows for early weight bearing Rui Kye Biran Chee	O-3.7: Cost-effectiveness of the Scottish Hip Fracture Audit Luke Farrow	16:02-16:07



Wednesday 04 October

16:15-16:20	Mini Break				16:15-16:20
16:20-17:20	Interdisciplinary Workshops 9-12				16:20-17:20
	SAL A	SAL B	SAL C	SAL D	
16:20-17:20	Finalising a consensus statement on the principles for management of hip fracture patients taking direct oral anticoagulants (DOACs) (Hannah Seymour)	All things considered: Decision-making approaches in the surgical management of challenging fragility hip fracture patients (Lynn McNicoll)	Vertebral and sacral fragility fractures - optimising patient care (Opinder Sahota)	Fracture registers with focus on upper extremity fractures (Bjarke Viberg)	16:20-17:20
18:30	Networking Reception Oslo City Hall, hosted by the Mayor of Oslo				18:30





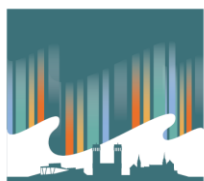
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Full Programme

Thursday 05 October

09:00-10:30	Interdisciplinary Workshops 13-16				09:00-10:30
	SAL A	SAL B	SAL C	SAL D	
09:00-10:30	Models of multidisciplinary hip fracture care: Interactive workshop drawing from the experience of centres in three countries (Scotland, Chile, and Italy) (Alasdair MacLulich)	Weight bearing orders following fragility fracture – is restricted weight bearing ever warranted? (Katie Sheehan)	What we know about mobility after hip fracture and what we need to know to improve it (Kristin Taraldsen)	Urinary problems in acute and subacute fragility fracture care (Maria Nuotio)	09:00-10:30
10:30-11:00	Morning Coffee Break				10:30-11:00
	SAL A	SAL B	SAL C	SAL D	
11:00-12:30	Acute Care 3 Chairs: Lynn McNicoll and Ingvald Hestnes	Acute Care 4 Chairs: Jae-Young Lim and Ingvald Saltvedt	Rehabilitation Chairs: Katie Sheehan and Bård Bogen	Secondary Prevention Chairs: Robyn Speerin and Lene B. Solberg	11:00-12:30
11:00-11:05	O-5.1: Predictors of early mortality after surgery in patients with fragility fractures of the hip in the low-income setting Mary Ruth Alfonso Padua	O-6.1: Mortality and functional outcomes in patients with idiopathic Parkinson's disease with a hip fractures Reinier van Mierlo	O-7.1: The relationship between extent of mobilisation within the first postoperative day and 30-day mortality after hip fracture surgery Morten Tange Kristensen	O-8.1: Integrating a Fragility Fracture Registry with an FLS Patient Management System – the New Zealand experience Frazer Anderson	11:00-11:05
15:07-11:12	O-5.2: Assessing the impact of a dedicated hip fracture centre on processes and outcomes across a city-wide health organisation Victor Bill	O-6.2: Hip fracture in centenarians: Factors associated with 30-day mortality Christina Ojeda-Thies	O-7.2: Effects of a progressive rehabilitation and care program across sectors for older adults following hip fracture surgery Inge Hansen Bruun	O-8.2: UK rates and determinants of Romosozumab prescriptions in 2022: A need for a greater action Muhammad Kassim Javaid	15:07-11:12
11:14-11:19	O-5.3: Orthogeriatric home visits were associated with reduced readmission and mortality in patients aged ≥65 years with surgically treated hip fractures Thomas Giver Jensen	O-6.3: Assessment, prevalence and outcomes of delirium on hospital admission in hip fracture patients: an observational study of 18040 patients using routine national clinical registry data Rose Penfold	O-7.3: From fear to control: Older adults' thoughts and feelings about empowerment-oriented rehabilitation after a hip fracture Lars Tøblensen Pedersen	O-8.3: Subsequent hip fractures in patients identified by a fracture liaison service (FLS) in England and Wales - Linkage of the national FLS and hip fracture databases Muhammad Kassim Javaid	11:14-11:19
11:21-11:26	O-5.4: Prediction of 30-day mortality in patients undergoing hip fracture surgery: the impact of surgery delay Alma B. Pedersen	O-6.4: Effects of pre-operative discontinuing oral anticoagulants or antiplatelet agents on health outcomes among older hip fracture patients: A systematic review and meta-analysis Ning Tang	O-7.4: The Recovery of Mobility Post Hip Fracture as Measured by the New Mobility Score and Patient Perception Edel McDaid	O-8.4: National guidelines and Fracture Liaison Services (FLS) in Israel; an update Omer Or	11:21-11:26
11:28-11:33	O-5.5: Quality of care and mortality in hip fracture patients in the course of the COVID pandemic. A population based cohort study Alma B. Pedersen	O-6.5: Factors associated with delayed surgery for older hip fracture patients: a retrospective study Xinyan Liu	O-7.5: Physiotherapists' perspectives of barriers and facilitators to effective community provision after hip fracture: A qualitative study in England Jodie Adams	O-8.5: Hip fracture rate and osteoporosis treatment in long term care: Ontario osteoporosis strategy Hajar Abu Alrob	11:28-11:33
11:35-11:40	O-5.6: Potentially modifiable factors associated with poorer outcomes after hip fracture in patients with cognitive impairment Morag E. Taylor	O-6.6: Trajectories of Days Spent at Home Before Hip Fracture and Post-Fracture Resilience Among Medicare Beneficiaries Living with Alzheimer's Disease or Related Dementias Jason Falvey	O-7.6: The majority of community-dwelling hip fracture patients return to independent living with minor increase in care needs Christina Frølich Frandsen	O-8.6: Impact of bisphosphonates on survival following hip fractures: A decade-long analysis of a cohort within a private healthcare system Betiana Mabel Perez	11:35-11:40
11:42-11:47	O-5.7: Low operative rates are associated with higher 30-day mortality post hip fracture; findings from the Fractures-E3 Longitudinal Study in Zimbabwe Celia Gregson	O-6.7: Delay to hip fracture surgery more than 48 hours increases the risk of post-operative delirium over two-fold Maria Nuotio	O-7.7: Real-world mobility trajectories in hip fracture patients the first year after surgery Monika Engdal	O-8.7: Is Prevalence of Osteosarcopenia High Amongst Hip Fracture Patients? Ronald Man Yeung Wong	11:42-11:47
11:49-11:54	O-5.8: A systematic review and critical appraisal of quality indicators to assess optimal care for fragility hip fracture Juan Carlos Viveros Garcia	O-6.8: Development and validation of multivariable prediction models for in-hospital death, 30-day death, and change in residence after hip fracture surgery and the 'STRATIFY-HIP' Algorithm Aicha Goubar	O-7.8: Flexibility and resistance exercises versus usual care for improving pain and function after distal radius fracture in adults aged 50 years or over: the WISE randomised multicentre feasibility trial David Keene	O-8.8: The Incidence of Distal Radius Fractures in Oslo, Norway in 2019 Ingrid Oftebro	11:49-11:54
11:56-12:01	O-5.9: A workplace-based training program for safe task shifting in an emergency department Elin Saga	O-6.9: Detection of hip fracture using deep learning artificial intelligence. Decreased number of false negative diagnoses Søren Overgaard	O-7.9: Progressive exercise versus best practice advice for adults aged 50 years or over after ankle fracture: the AFTER pilot multicentre randomised controlled trial David Keene	O-8.9: Conservative management in osteoporotic vertebral compression fractures in post menopausal females-a tertiary care center study from India Deepak Kumar	11:56-12:01
12:03-12:08	O-5.10: A BMJ special issue paper: Implementing an Advanced Physiotherapy outpatient triaging service as a Model for improvement for patients 2 recently discharged following surgical intervention for hip fracture Rebecca Ferrier	O-6.10: Comparison of characteristics and outcomes of conservatively and surgically managed periprosthetic femoral fractures: a single centre analysis Moe Takenoshita	O-7.10: Being vulnerable and feeling older: The experience of recovery and rehabilitation from ankle fracture at 6 months for people aged 50 years and over Elizabeth Tutton	O-8.10: Screening Method for Osteoporosis Based on Deep Learning of Multi-channel Radial QUS-RF Signals Jionglin Wu	12:03-12:08
12:10-12:15	O-5.11: A BMJ special issue paper: Improving fragility hip fracture care through data: A multicenter experience from a country with an emerging economy during the COVID-19 pandemic Irewin A. Tabu	O-6.11: Intravenous fluid administration in acute hip fracture patients from fracture diagnosis to reduce the risk of acute kidney injury: a three cycle audit Conor McCann	O-7.12: Improving the quality of the fracture liaison service through the implementation of a structured health record Ane Djuv	O-8.11: Evaluation of Fragility Fracture Risk Based on Deep Learning with Ultrasound Radiofrequency Signal Yue Ding	12:10-12:15
12:30-14:00	Lunch SAL A: Lunch symposium FAN: FLS Academy and Network in Practice (1300-1355) sponsored by UCB - Poster Area: Poster walk 1 (12:35-12:55)				12:30-14:00
	SAL ABC				
14:00-15:30	Plenary Session 2 - Acute Care Chairs: Antony Johansen and Lene B. Solberg				14:00-15:30
14:00-14:05	Welcome				14:00-14:05
14:05-14:25	Should all hip fracture patients have surgery? Professor Cecilia Rogmark, Orthopaedic Surgeon, Sweden				14:05-14:25
14:25-14:45	Delirium - how to prevent, detect and treat Professor Alasdair MacLulich, Geriatrician, UK				14:25-14:45
14:45-15:05	Effective nurse interventions in acute fracture care Peter van den Berg, Nurse Practitioner, The Netherlands				14:45-15:05
15:05-15:20	The new FFN Fragility Fracture and Orthogeriatric Nursing Book Karen Herz and Julie Santy Tomlinson, Nurse Practitioners, UK				15:05-15:20
15:20-15:30	Panel Discussion				15:20-15:30

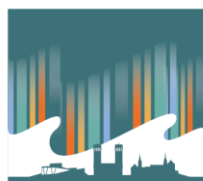


Thursday 05 October

15:30-16:00	Afternoon Coffee Break	15:30-16:00
	SAL ABC	
16:00-17:15	Plenary Session 3 - Rehabilitation and Nutrition Chairs: Jay Magaziner and Sissel Urke Olsen	16:00-17:15
16:00-16:05	Welcome	16:00-16:05
16:05-16:25	Hip fracture care - a Latin American perspective José Luis Dinamarca Montecinos, Geriatrician, Chile	16:05-16:25
16:25-16:45	Nutritional interventions - food or supplements Jack Bell, Dietician, Australia	16:25-16:45
16:45-17:05	Rapid and intensive rehabilitation - is it possible? Professor Morten Tange Kristensen, Physiotherapist, Denmark	16:45-17:05
17:05-17:15	Panel Discussion	17:05-17:15
17:15-17:40	Best Posters Presentations Chairs: Robin Sperin and Jan-Erik Gjertsen	17:15-17:40
17:16-17:19	Certification to a special orthogeriatric center: can it reduce the mortality after hip fracture? Gisela Büchele	17:16-17:19
17:19-17:22	Delirium Assessment in Established National Hip Fracture Audits and Associated Guidelines Rose Penfold	17:19-17:22
17:22-17:25	Ontario Osteoporosis Strategy: Trends in Hip Fracture Rates and Management in Ontario, Canada Susan Jaglal	17:22-17:25
17:25-17:28	Causes of surgical delay in an orthogeriatric unit Armando Pereira	17:25-17:28
17:28-17:31	Prediction of ambulatory function at 6 months after surgery in older patients with hip fracture Younji Kim	17:28-17:31
17:31-17:34	Multifactorial interventions for falls prevention in aged care: intervention component analysis, qualitative comparative analysis, updated systematic review and meta-analysis Maria Crotty	17:31-17:34
17:34-17:40	Voting and Awards	17:34-17:40
19:30	Congress Dinner Gamle Logen	19:30



GAMLE LOGEN
Congress Dinner



11th Fragility Fracture Network Global Congress Oslo 2023

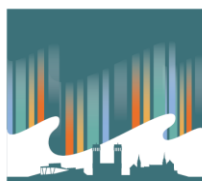
Enlightening Fragility Fracture Care

Full Programme

Friday 06 October

SAL ABC		
08:00-08:55	General Assembly	08:00-08:55
08.55-09.00	Mini Break	08.55-09.00
SAL ABC		
09:00-10:30	Plenary Session 4 - Preventing New Fractures Chairs: Kassim Javaid and Ingvild Saltvedt	09:00-10:30
09:00-09:05	Welcome	09:00-09:05
09:05-09:25	Systematic secondary prevention of fragility fractures; results from the NoFRACT study Lene B. Solberg, Orthopaedic Surgeon, Norway	09:05-09:25
09:25-09:45	Secondary prevention - the Asia Pacific perspective Joon-Kiong Lee, Orthopaedic Surgeon, Malaysia	09:25-09:45
09:45-10:05	The 1st World Falls Guidelines 2022: Falls and fractures are intertwined Professor Nathalie van der Velde, Geriatrician, The Netherlands	09:45-10:05
10:05 10:15	Panel Discussion	10:05 10:15
10:15-10:35	Morning Coffee Break	10:15-10:35
SAL ABC		
10:35-11:30	Best Oral Presentations Chairs: Jose Luis Dinamarca and Anette Hylen Ranhoff	10:35-11:30
10:35-10:40	Intensified acute hospital physiotherapy for patients after hip fracture surgery – a randomized feasibility trial. Theresa Bieler	10:35-11:30
10:42-10:47	Association between adherence to clinical care standards and mortality following hip fracture: the Australian experience Lara Harvey	10:42-10:47
10:49-10:54	Multiple organisational factors predict hospital costs and patient mortality in the year following hip fracture in England and Wales: the REDUCE record-linkage cohort study Petra Baji	10:49-10:54
10:56-11:01	Socioeconomic factors impact on patient-reported outcome measures after hip fractures Cato Kjærøvik	10:56-11:01
11:03-11:08	Effectiveness of the Fragility Fracture Integrated Rehabilitation Management (FIRM) in older adults after hip fracture surgery during a 12-month postoperative follow-up period: a multicenter randomized controlled trial Seung-Kyu Lim	11:03-11:08
11:10-11:15	Dosing of intermittent iv. Zoledronic acid based on bone turnover marker assessment preserves bone mineral density over eight years Tove Borgen	11:10-11:15
11:17-11:30	Voting and Awards	11:17-11:30
11:30-12:15	Lunch SAL A: Lunch symposium Bone markers (11.40-12.10) sponsored by Roche - Poster Area: Poster walk 2 (11:45-12:15)	11:30-12:15
SAL ABC		
12:15-14:10	Plenary Session 5 - From Research to Practice Chairs: Khor Hui Min and Frede Frihagen	12:15-13:50
12:15-12:20	Welcome	12:15-12:20
12:20-12:40	International hip fracture comparisons; results from the first EHDEN hip fracture studyathon Professor Xavier Griffin and Ms. Jenny Lane, Orthopaedic Surgeons, UK	12:20-12:40
12:40-13:20	Health economy - getting value for money when delivering high quality care for fragility fracture patients Professor Celia Gregson, Epidemiologist, and Professor Antony Johansen, Orthogeriatrician, UK	12:40-13:20
13:20-13:40	Future care of fragility fracture patients in a global perspective Professor emeritus Dave Marsh, Orthopaedic Surgeon, UK	13:20-13:40
13:40-13:50	Panel Discussion	13:40-13:50
13:50-14:10	Closing ceremony Chairs: Frede Frihagen and Anette Hylen Ranhoff	13:50-14:10
	What will happen next year?	





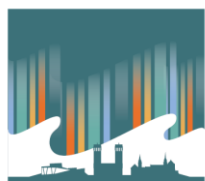
11th Fragility Fracture Network Global Congress Oslo 2023

Enlightening Fragility Fracture Care

Full Programme

Tuesday 03 October (Pre-Congress Day)

09:00 - 10:00	Registration				09:00 - 10:00
10:00-12:30	Morning parallel sessions				10:00-12:30
10:00 - 12:30	Nurses' day celebrating the new Fragility Fracture and Orthogeriatric Nursing Book Chairs: Christine Ekrehim and Gudrun J. Karlsen	Physiotherapy and Fragility Fracture Recovery Research SIGs Chairs: Kristin Taraldsen and Bård Bogen	Secondary fracture prevention symposium Chairs: Robyn Speerin and Sonia Singh	Hip Fracture Studyathon Xavier Griffin and Jenny Lane	Time table below is for Hip Fracture Studyathon 10:00 - 16:00
10:00 - 10:10	Welcome Local organizing committee Ingvild Hestnes, Denisa Velic, Ingrid Særdahl, Christine Ekrehim, Gudrun J. Karlsen	Welcome Local organizing committee/ Morten Tange Kristensen and Jack Bell Kristin Taraldsen, Marte Magnusson, Bård Bogen, Morten Tange Kristensen and Jack Bell	Welcome and introductions Robyn Speerin and Sonia Singh	Welcome Remarks by Chair Jenny Lane	10:00 - 10:10
10:10 - 10:30	Presentation of the new nursing book Julie Santy Tomlinson and Karen Hertz, Nurse Practitioners, UK	Advanced physio practice in fragility fracture management Ass. Professor Caltriona Cunningham, Physiotherapist, Ireland	Progress in developing Fracture Liaison Services in The Netherlands Peter Van Den Berg, Nurse Practitioner, The Netherlands	What is the Observational Health Data Sciences & Informatics (OHDSI) Community? What Makes a Successful Studyathon? Jenny Lane & Kristin Kostka	10:10 - 10:30
10:30 - 10:50	Orthogeriatric care in the emergency and perioperative setting Charlotte Myhre Jensen, Nurse, Denmark	Digital mobility outcomes after hip fracture Monika Engdahl, Physiotherapist, Norway	Progress in developing Fracture Liaison Services in Thailand Wararat Boonnasa, Nurse, Thailand	Interactive Group Session: Overview of FFN + Meet Your Studyathon Teammates (ALL)	10:30 - 10:50
10:50 - 11:10	The nursing role in orthogeriatrics; Comprehensive Geriatric Assessment (CGA) Julie Santy-Tomlinson, Nurse Practitioner, UK	Exercise interventions in the early phase after hip fracture Monica Beckmann, Physiotherapist, Norway	Break out Group Work: Participants divided into groups Workshop Facilitators: Professor Derrick Chan, Professor Kassim Javaid, Peter Van Den Berg and Wararat Boonnasa	Overview of Draft Studyathon Protocol Jenny Lane	10:50 - 11:10
11:10 - 11:30	Morning Coffee Break				11:10 - 11:30
	SAL B	SAL C	SAL D	Møterom 1	
11:30 - 11:50	Wound treatment and pressure ulcers Professor Ami Hommel, Nurse, Sweden	Rehabilitation for Life: continuous rehabilitation and care delivered in an empowerment orientated praxis after hip fracture Jonas Ammundsen Ipsen and Lars T. Pedersen, Physiotherapists, Denmark	Workshop continues: All workshop participants come back together in their groups. Development of an Action Plan for each participant to take home.	Breakout Session: Discuss Protocol Facilitators: Jenny Lane, Kristin Kostka, Justin Manjourides, Marissa Fiorello	11:30 - 11:50
11:50 - 12:10	Discharge planning Mette Irene Martinsen, Nurse, Norway	State of the art ankle fracture management and rehabilitation Ass. Professor David Keene, Physiotherapist, UK	Each Group to report back on Action Plans	Interactive Group Session: Finalize Protocol Facilitator: Jenny Lane	11:50 - 12:10
12:10 - 12:30	Panel discussion Moderators: Denisa Velic and Ingvild Hestnes	Panel discussion Moderator: Kate Mangione, Physiotherapist, US	Wrap up and next steps	Morning Wrap Up: Path to Publishing Protocol Jenny Lane, Kristin Kostka	12:10 - 12:20
12:30-13:30	Lunch		Networking discussions over lunch. Feedback from participants on the next phase of our SIG research on XPS.	Lunch	12:20-13:20
13:30 -16:20	Joint Afternoon Session Chairs: Marte Magnusson and Ingvild Hestnes			Hip Fracture Studyathon (continued)	13:20 -16:20
	SAL A			Møterom 1	
13:30 - 13:35	Welcome Local Organizing Committee			Overview of the Observational Health Data Sciences & Informatics (OHDSI) Way for Large Scale Characterisation Kristin Kostka	13:20 - 13:35
13:35 - 13:55	Nutrition, sarcopenia and frailty Jack Bell, Dietician, Australia			Breakout Session: How to Make Large Scale Characterisation Work for FFN Facilitators: Jenny Lane, Kristin Kostka, Justin Manjourides, Marissa Fiorello	13:35 - 14:15
13:55 - 14:15	The Caregiver Project: Clinical needs of caregivers and the impact on patients management Maria Eduarda de Lima, Nurse, Italy			Interactive Session: Reading Results	14:15-14:35
14:15-14:35	Norwegian implementation of WHO falls guidelines Maria Bjerk, Physiotherapist, Norway			Facilitator: Jennv Lane	
14:35 - 15:05	Panel discussion Moderators: Kate Mangione and Bård Bogen			Interactive Session: Writing a Paper Facilitators: Xavier Griffin, Jenny Lane	14:35 - 15:05
15:05 - 15:20	Afternoon Coffee Break				15:05 - 15:20
	SAL A			Møterom 1	
15:20 - 15:40	Strategies to engage your patient in sustained fracture prevention Robyn Speerin, Nurse, Australia			Breakout Session: Writing Teams Facilitators: Jenny Lane, Kristin Kostka, Justin Manjourides, Marissa Fiorello	15:20 - 15:40
15:40 - 16:00	How do hip fracture patients with delirium move? Sigurd Evensen, Geriatrician, Norway			Wrap Up - Path to Publishing Xavier Griffin, Jenny Lane	15:40 - 16:00
16:00 - 16:20	Panel discussion Moderators: Kate Mangione and Bård Bogen				16:00 - 16:20



Enlightening Fragility Fracture Care

Programme at a glance

Wednesday October 4th

**08:30 Opening ceremony and
Welcome to the FFN Global Congress 2023**

Lauren Beaupre, President
Anette Høyen Ranhoff, Chair Scientific Committee
Frede Frihagen, Chair Organising Committee

**09:00 Plenary session 1
Enlightening Fragility Fracture Care**

Latest evidence in hip fracture: Does it matter how we fix arthroplasty implants to the bone?

Professor Matt Costa,
Orthopaedic Surgeon, UK

Goals of care for older hip fracture patients
– understanding what matters

Julie Switzer,
Orthopaedic Surgeon, USA

Getting FLSs started, effective and sustainable:
International lessons

Ass. Professor Kassim Javaid,
Rheumatologist, UK

10:15 Morning coffee break

10:50 Interdisciplinary Workshops 1-4

1. Challenges in implementing delirium detection, treatment and prevention in hip fracture patients across the whole patient journey
(*Alasdair MacLulich*)
2. Zoledronate after hip fracture
– defining and defeating the treatment gap
(*Antony Johansen*)
3. Sex differences in the consequences of hip fracture and implications for multi-disciplinary orthogeriatric care
(*Jay Magaziner*)
4. FFN Education Committee
– workforce development
(*Stefano Eleuteri*)

12:20 Lunch

- Lunch symposium: Nutrition (12:30-13:15)
sponsored by Danone
- Visit sponsor booths

13:20 Interdisciplinary Workshops 5-8

5. Oral nutritional supplements in older people with fractures
(*Jack Bell*)
6. Maximising the potential of local and national hip fracture audit
(*Antony Johansen*)
7. FFN Regionalisation Committee – empowering National FFNs: Spreading orthogeriatric care to the grassroots
(*Irewin Tabu*)
8. Quality improvement for hip fracture care: Lessons learnt from China
(*Maoyi Tian*)

14:50 Afternoon coffee break

15:20 Oral presentations 1-28

Abstracts 1-7 **Acute care 1**
Abstracts 8-14 **Acute care 2**
Abstracts 15-21 **Policy**
Abstracts 22-28 **Late Breaking News**

16:15 Mini break

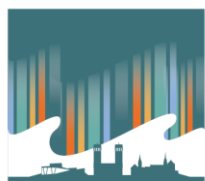
16:20 Interdisciplinary Workshops 9-12

9. Finalising a consensus statement on the principles for management of hip fracture patients taking direct oral anticoagulants (DOACs)
(*Hannah Seymour*)
10. All things considered: Decision-making
– approaches in the surgical management of challenging fragility hip fracture patients
(*Lynn McNicoll*)
11. Vertebral and sacral fragility fractures
– optimising patient care
(*Opinder Sahota*)
12. Fracture registers with focus on upper extremity fractures
(*Bjarke Viberg*)

**18:30 Networking reception Oslo City Hall,
hosted by the Mayor of Oslo**



For further details and more information see
<http://ffn-oslo-2023.com/>



Enlightening Fragility Fracture Care

Programme at a glance

Thursday October 5th

09:00 Interdisciplinary Workshops 13-16

13. Models of multidisciplinary hip fracture care: Interactive workshop drawing from the experience of centres in three countries (Scotland, Chile, and Italy)
(*Alasdair MacLulich*)
14. Weight bearing orders following fragility fracture – is restricted weight bearing ever warranted?
(*Katie Sheehan*)
15. What we know about mobility after hip fracture and what we need to know to improve it
(*Kristin Taraldsen*)
16. Urinary problems in acute and subacute fragility fracture care
(*Maria Nuotio*)

10:30 Morning coffee break

11:00 Oral presentations 29-70

- Abstracts 29-39 **Acute care 3**
 Abstracts 40-50 **Acute care 4**
 Abstracts 51-61 **Rehabilitation**
 Abstracts 62-72 **Secondary prevention**

12:30 Lunch

- Lunch symposium: FAN: FLS Academy and Network in Practice (13:00-13:55) sponsored by UCB
- Visit sponsor booths
- Poster viewing; Poster Walk 1 (12:35-12:55)

14:00 Plenary session 2 Acute Care

- Should all hip fracture patients have surgery?
Ass. Professor Cecilia Rogmark, Orthopaedic Surgeon, Sweden
- Delirium – how to prevent, detect and treat
Professor Alasdair MacLulich, Geriatrician, UK
- Effective nurse interventions in acute fracture care

Peter van den Berg, Nurse Practitioner, The Netherlands

The new FFN Fragility Fracture and Orthogeriatric Nursing Book

Karen Herz and Julie Santy Tomlinson, Nurse practitioners, UK

15:30 Afternoon coffee break

16:00 Plenary session 3 Rehabilitation and Nutrition

Hip fracture care – a Latin American perspective
José Luis Dinamarca Montecinos, Geriatrician, Chile

Nutritional interventions - food or supplements
Jack Bell, Dietician, Australia

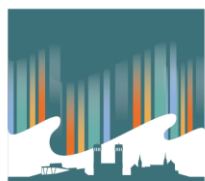
Rapid and intensive rehabilitation – is it possible?
Professor Morten Tange Kristensen, Physiotherapist, Denmark

17:15 Best posters presentations

19:30 Congress dinner Gamle Logen



For further details and more information see
<http://ffn-oslo-2023.com/>



Enlightening Fragility Fracture Care

Programme at a glance

Friday October 6th

08:00 General Assembly

08:55 Mini break

09:00 Plenary session 4 Preventing New Fractures

Systematic secondary prevention of fragility fractures; results from the NoFRACT study

Lene B. Solberg, Orthopaedic Surgeon, Norway

Secondary prevention – the Asia Pacific perspective

Joon-Kiong Lee, Orthopaedic Surgeon, Malaysia

The 1st World Falls Guidelines 2022: falls and fractures are intertwined

Professor Nathalie van der Velde, Geriatrician, The Netherlands

10:15 Coffe break

10:35 Best oral presentations

Abstracts 73-78

11:30 Lunch

- Lunch symposium: Bone markers (11:40-12:10) sponsored by Roche Diagnostics
- Visit sponsor booths
- Poster viewing; Poster walk 2 (11:50-12.10)

12:15 Plenary session 5

From Research to Practice

International hip fracture comparisons; results from the first EHDEN hip fracture studyathon

Professor Xavier Griffin, and Ms. Jenny Lane, Orthopaedic Surgeons, UK

Health economy – getting value for money when delivering high quality care for fragility fracture patients

Professor Celia Gregson, Epidemiologist, and Professor Antony Johansen, Orthogeriatrician, UK

Future care of fragility fracture patients in a global perspective

Professor emeritus Dave Marsh, Orthopaedic Surgeon, UK

13:50 Closing ceremony

What will happen next year?

Pre-Congress Day October 3rd

09:00 Registration

10:00 Morning parallel sessions

1. Nurses' day celebrating the new Fragility Fracture and Orthogeriatric Nursing Book
2. Secondary fracture prevention symposium
3. Physiotherapy and Fragility Fracture Recovery Research SIGs
4. Hip Fracture Studyathon

11:10 Coffee break

1. Nurses' day celebrating the new Fragility Fracture and Orthogeriatric Nursing Book (continued)
2. Secondary fracture prevention symposium (continued)
3. Physiotherapy and Fragility Fracture Recovery Research SIGs (continued)
4. Hip Fracture Studyathon (continued)

12:30 Lunch

13:30 Joint afternoon session

4. Hip Fracture Studyathon (continued)

13:30 Welcome by Nurses' day committee; physiotherapy SIG, Hip Fracture Recovery Research SIG and Secondary Prevention Fragility Fracture SIG

13:35 Nutrition, sarcopenia and frailty
Jack Bell, Dietitian, AUS

13:55 The Caregiver Project; clinical needs of caregivers and the impact on patients management
Maria Eduarda de Lima, RN, and Stefano Eleuteri, Health Psychologist, Italy

14:15 Norwegian implementation of WHO falls guidelines
Maria Bjerk, PT, Norway

14:35 Discussion

15:05 Coffee break

15:20 **4. Hip Fracture Studyathon (continued)**

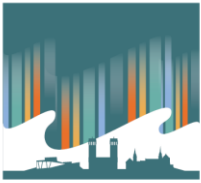
15:20 Strategies to engage your patient in sustained fracture prevention
Robyn Speerin, RN, Australia

15:40 How do hip fracture patients with delirium move?
Sigurd Evensen, Geriatrician, Norway

16:00 Panel discussion



For further details and more information see
<http://ffn-oslo-2023.com/>



11th Fragility Fracture Network Global Congress Oslo 2023

Enlightening Fragility Fracture Care

Interdisciplinary Workshops

Wednesday October 4th

10:50-12:20

SAL A

Challenges in implementing delirium detection, treatment and prevention in hip fracture patients across the whole patient journey

Chairs: Alasdair MacLulich, Scotland, UK and Maria Krogseth, Norway

A patient experience of delirium

Rune Larsen, Norway

Overview: importance of delirium in hip fracture including prevalence/incidence, associations with outcomes, the patient experience, and delirium assessment in hip fracture registries and audits

Rose Penfold, Scotland, UK

Detection of delirium in routine practice: evidence from clinical studies and audits including early detection by paramedics and in the ED

Elin Saga, Norway

Prevention and early treatment of delirium in hip fracture patients

Bjørn Erik Neerland, Norway

When delirium persists; ongoing management of delirium in patients in rehabilitation and on discharge home

Maria Krogseth, Norway

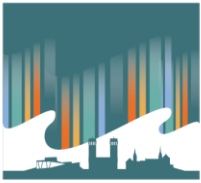
Research on delirium in hip fracture patients – recent findings and future directions

Leiv Otto Watne, Norway

Concluding talk; summarise reports from the audience – action points, using the support of FFN to share best practice

Alasdair MacLulich, Scotland, UK





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Enlightening Fragility Fracture Care

Interdisciplinary Workshops

Wednesday October 4th

10:50-12:20

SAL B

Zoledronate after hip fracture – defining and defeating the treatment gap

Chairs: Antony Johansen, Wales and Kassim Javaid, England

Vitamin D deficiency and its correction

Celia Gregson, England

Setting a threshold of renal function

Opinder Sahota, England

Timing of the first dose after hip fracture

Lene B. Solberg, Norway

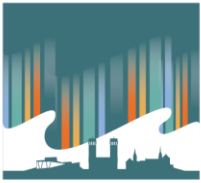
Dental concerns and osteonecrosis of the jaw

Alison Black, Scotland

Dosage and frequency of zoledronate infusions

Frances Dockery, Ireland





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Interdisciplinary Workshops

Wednesday October 4th

10:50-12:20

SAL C

Sex differences in the consequences of hip fracture and implications for multi-disciplinary orthogeriatric care

Chairs: Denise Orwig, USA and Clemens Becker, Germany

Sex differences in treatment effects and outcomes for patients with hip fracture

Matthew Costa, UK

Sex differences in predictors of physical function at 12 months post hip fracture

Denise Orwig, USA

Sex differences of trajectories of mobility outcomes after hip fracture: a time series analysis

Carl-Philipp Jansen, Germany

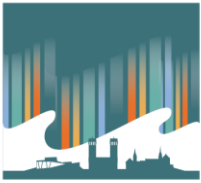
Secondary Fracture Prevention for Women and Men within 1-year of hip fracture before and after implementation of a Fracture Liaison Service

Lauren Beaupre, Canada

Panel discussion

Moderator: Jay Magaziner, USA





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Enlightening Fragility Fracture Care

Interdisciplinary Workshops

Wednesday October 4th

10:50-12:20

SAL D

FFN Education Committee: Workforce Development

Chair: Stefano Eleuteri, Italy

The importance of multidisciplinary education

Julie Santy-Tomlinson, UK

The multidisciplinary team education: how to manage this?

Stefano Eleuteri, Italy

Training in nutrition to enhance health and well-being

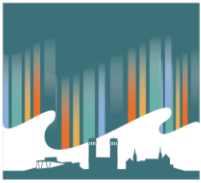
Jack Bell, Australia and Ólöf Guðný Geirsdóttir, Iceland

Nursing Education: past, present and future

Karen Hertz, UK

Supporting caregivers

Maria Eduarda Batista de Lima, Italy



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Enlightening Fragility Fracture Care

Interdisciplinary Workshops

Wednesday October 4th

13:20-14:50

SAL A

Oral nutritional supplements in older people with fractures

Chairs: Jack Bell, Australia and Ólöf Guðný Geirsdóttir, Iceland

Why Nutrition Care is Low Hanging Fruit

Frede Frihagen, Norway

Where do oral nutrition supplements fit in the big picture?

Ólöf Guðný Geirsdóttir, Iceland

Outcomes of jurisdictional implementation of recommendations for oral nutrition supplements:

- Are we meeting recommendations? Norway perspective

Sissel Urke Olsen, Norway

- Why aren't we meeting recommendations? A perspective from outside Europe

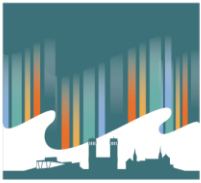
José Luis Dinamarca, Chile

Preliminary findings of the Global ONS-SURVEY

Jack Bell, Australia

Participatory workshop and focus groups





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Enlightening Fragility Fracture Care

Interdisciplinary Workshops

Wednesday October 4th

13:20-14:50

SAL B

Maximising the potential of local and national hip fracture audit

Chairs: Antony Johansen, Scotland and Matt Costa, England

The Minimum Common Dataset (MCD)

Antony Johansen, Wales

Drivers

Cris Ojeda-Thies, Spain

Cognitive assessment

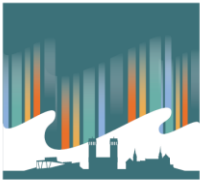
Rose Penfold, Scotland

Panelists:

Alasdair MacLulich, Scotland

Andrew Hall, Scotland





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Enlightening Fragility Fracture Care

Interdisciplinary Workshops

Wednesday October 4th

13:20-14:50

SAL C

FFN Regionalisation Committee - Empowering National FFNs: Spreading orthogeriatric care to the grassroots

Chairs: Elias Panagiotopoulos, Greece and Irewin Tabu, Philippines

Organising nFFNs

Hui Min Khor, Malaysia

Broadening and engagement

Carmelinda Ruggiero, Italy

Engaging activists to promote orthogeriatric care

Juan Carlos Viveros, Mexico

Partnership

Jay Magaziner, USA

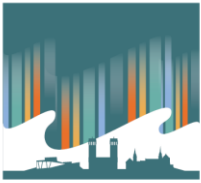
Panelists:

Rhona McGlasson, Canada

JK Lee, Malaysia

Takeshi Sawaguchi, Japan





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Enlightening Fragility Fracture Care

Interdisciplinary Workshops

Wednesday October 4th 13:20-14:50

SAL D

Quality improvement for hip fracture care: lessons learnt from China

Chairs: Maoyi Tian and Minghui Yang, China

Chinese hip fracture clinical guideline

Xinbao Wu, China

Multidisciplinary care for older hip fracture patients

Minghui Yang, China

Rehabilitation and post-acute care for older hip fracture patients

Jing Zhang, Australia

Establishing the Chinese national hip fracture registry

Xinyi Zhang, China

Panelists:

Rebecca Ivers, Australia

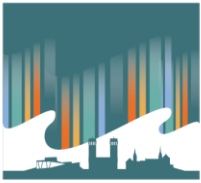
Elizabeth Armstrong, Australia

Wing-Hoi Cheung, Hong Kong, China

Ronald Man Yeung Won, Hong Kong, China

Antony Johansen, UK





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Enlightening Fragility Fracture Care

Interdisciplinary Workshops

Wednesday October 4th

16:20-17:20

SAL A

Finalising a Consensus statement on the principles for management of hip fracture patients taking direct oral anticoagulants (DOACs)

Chair: Hannah Seymour, Australia

Methodology of modified-Delphi and WikiGuidelines

Rebecca Mitchell, Australia

Results: Timing of Anaesthesia Results of modified-Delphi and WikiGuidelines

Amy Mayor, UK

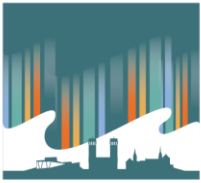
Results: Timing of Surgery Results of modified-Delphi and WikiGuidelines

Seth Tarrant, Australia

How the Consensus can help in practice and areas for further research

Flavia Kessler Borges, Canada





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Enlightening Fragility Fracture Care

Interdisciplinary Workshops

Wednesday October 4th

16:20-17:20

SAL B

All Things Considered: Decision-Making Approaches in the Surgical Management of Challenging Fragility Hip Fracture Patients

Chair: Lynn McNicoll, USA

Overview of Prediction Tools in High-Risk Fragility Fracture Patients

Katie Sheehan, UK

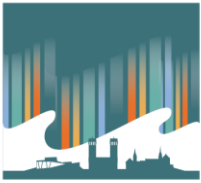
Decision Making Process in Challenging Fragility Fracture Patients

Julie Switzer, USA

Global Practices of Non-Operative Management of Hip Fracture Patients

Iain Moppett, UK





11th Fragility Fracture Network Global Congress Oslo 2023

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16:20-17:20

SAL C

Vertebral and Sacral Fragility Fractures - Optimising Patient Care

Chairs: Alison Black and Opinder Sahota, UK

Intro to vertebral and sacral fragility fractures

Terence Ong, Malaysia

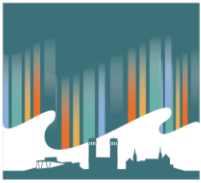
Surgical management of vertebral and sacral fragility fractures

Opinder Sahota, UK

Non-medical management of acute vertebral fragility fractures

Karen Barker, UK





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16:20-17:20

SAL D

Fracture registers with focus on upper extremity fractures

Chair: Bjarke Viberg, Denmark

Registers: The basics

Cecilia Rogmark, Sweden

The Norwegian experience: Status and results

Ane Djuv, Norway

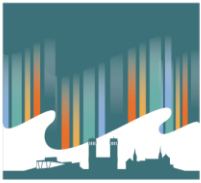
The Danish experience: Status and results

Bjarke Viberg, Denmark

The Swedish experience: Status and results

Michael Möller, Sweden





Thursday October 5th

09:00-10:30

SAL A

Models of multidisciplinary hip fracture care: interactive workshop drawing from the experience of centres in three countries (Scotland, Chile, and Italy)

Chairs: Alasdair MacLulich, Scotland, UK, José Luis Dinamarca, Chile and Carmelinda Ruggiero, Italy

The Scottish model of care for hip fracture

Alasdair MacLulich, Scotland, UK

Early mobilisation after hip fracture surgery

Robyn McCann, Scotland, UK

The Scottish Hip Fracture Audit

Kirsty Ward, Scotland, UK

How did we manage to reduce hospital stay?

José Luis Dinamarca, Chile

Orthogeriatric experience in Chile

Osvaldo Sepúlveda, Chile

Teresa Cortés, Chile

Fernando Tapia, Chile

Katherine Kohler, Chile

Paulina Álvarez, Chile

Orthogeriatrics: the added value driven sustainability

Carmelinda Ruggiero, Italy

Orthogeriatric experience in Italy - Orthopaedic surgeon

Giuseppe Rinonapoli, Italy

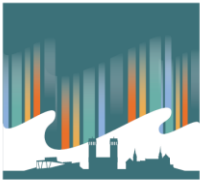
Orthogeriatric experience in Italy - Decision maker

Giovanni Baglio, Italy

Orthogeriatric experience in Italy – Anaesthesiologist

Marco Tescione, Italy





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Thursday October 5th

09:00-10:30

SAL B

Weight bearing orders following fragility fracture – is restricted weight bearing ever warranted?

Chairs: Katie Sheehan, UK, Xavier Griffin, UK and Frede Frihagen, Norway

State of play: Evidence for unrestricted weight bearing following surgical repair of fracture of the hip and lower limb

Xavier Griffin, UK

Variation in orders for unrestricted weight bearing following surgical repair of fracture of the hip and lower limb, results from UK national audit data and international survey data

Chris Bretherton, UK

Cases for discussion

Frede Frihagen, Norway

Evidence on barriers to unrestricted weight bearing after hip fracture

Ruqayyah Turabi, UK

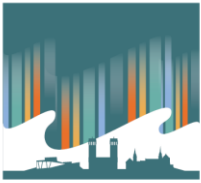
Panelists:

Monika Engdal, Norway

Celia Gregson, UK

Jack Bell, Australia





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Thursday October 5th

09:00-10:30

SAL C

What we know about mobility after hip fracture and what we need to know to improve it

Chairs: Kristin Taraldsen and Lene Bergendal Solberg, Norway

Why and how to digitally measure mobility in the real world of hip fracture patients

Beatrix Vereijken, Norway

Clemens Becker, Germany

The first two week after a hip fracture

Lars Gunnar Johnson

Ingvild Saltvedt, Norway

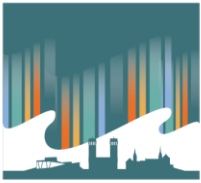
The recovery after a hip fracture

Clemens Becker, Germany

Jorunn Helbostad, Norway

Carl-Philipp Jansen, Germany





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Thursday October 5th

09:00-10:30

SAL D

Urinary problems in acute and subacute fragility fracture care

Chairs: Maria Nuotio, Finland and Mette Martinsen, Norway

Symptoms related to lower urinary tract in hip fracture patients are common and complex

Ingvild Saltvedt, Norway

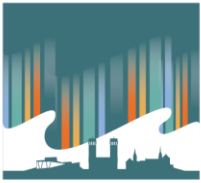
Predictors and outcomes of continence problems in older women with hip fracture. A prospective cohort study

Aino Hellman-Bronstein, Finland

Implementing a bladder bundle in units caring for patient with acute hip fracture was associated with a reduced incidence of urinary catheter associated UTIs and urinary retention

Maria Frödin, Sweden





Enlightening Fragility Fracture Care

Posters

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BEST POSTERS

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FORUM

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PILLAR II REHABILITATION

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PILLAR III SECONDARY PREV.

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PILLAR IV POLICY

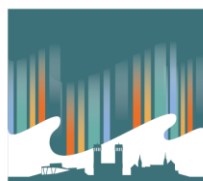
MEZZANINE

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LATE BREAKING NEWS

MEZZANINE



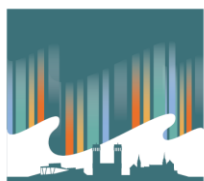


BEST POSTERS

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P2	90 Certification to a special orthogeriatric center: can it reduce the mortality after hip fracture? <i>Gisela Büchele Martin Rehm Claudia Konnopka Hans-Helmut König Clemens Becker Dietrich Rothenbacher Thomas Frieß Kilian Rapp</i>
P3	170 Prediction of ambulatory function at 6 months after surgery in older patients with hip fracture <i>Younji Kim</i>
P4	64 Ontario Osteoporosis Strategy: Trends in Hip Fracture Rates and Management in Ontario, Canada <i>Dr. Susan Jaglal Dr. Crystal MacKay Cathy Cameron Yinan Li Haley Golding Lesley Plumptre Dr. Alexandra Papaioannou Hajar Abu Alrob Ravi Jain</i>
P5	179 Multifactorial interventions for falls prevention in aged care: intervention component analysis, qualitative comparative analysis, updated systematic review and meta-analysis. <i>Suzanne M Dyer Jenni Suen Dylan Kneale Katy Sutcliffe Wing Kwok Maria Crotty Ian D Cameron Catherine Sherrington</i>
P6	167 Causes of surgical delay in an orthogeriatric unit Policy (e.g. Organisation, Economy, Health politics) <i>Hugo Vaz dos Santos Rita Costa Chu Lucas Armada Armando Pereira Diana Repolho</i>



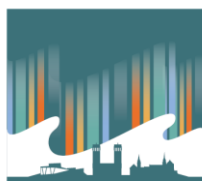
PILLAR I

ACUTE CARE

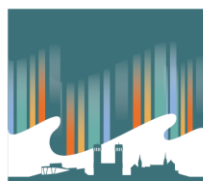
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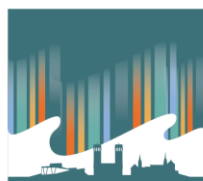
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P10	89 Sliding hip screw vs intramedullary nail for trochanteric hip fracture - no difference in ability to return to independent living – a nationwide cohort study on 11,868 patients from the Swedish Hip Fracture Register RIKSHÖFT <i>Katarina Greve Stina Ek Erzsébet Bartha Karin Modig Margareta Hedström</i>
P11	45 Intramedullary Femur nailing in Intertrochanteric fractures- Postoperatively Do Helical Blades migrate more than Lag Screws? A Randomized Controlled Trial <i>Arpan Upadhayay</i>
P12	209 Long vs. Short Intramedullary Nails for Trochanteric Hip Fractures: A Secondary Analysis of the INSITE Trial <i>Emil Schemitsch Samir Mehta Dirk Stengel Ole Brink Lauren Nowak Justin De Beer Rudolf Poolman Mohit Bhandari The INSITE Investigators</i>
P13	206 Reaming is beneficial in trochanteric fracture patients managed with IMN: A secondary analysis of the INSITE trial <i>Mohit Bhandari Dirk Stengel Ole Brink Lauren Nowak Rudolf Poolman Samir Mehta Justin De Beer Emil Schemitsch The INSITE Investigators</i>
P14	208 Frail patients with complex fractures are more likely to lose their independence following trochanteric fracture fixation: A secondary analysis of the INSITE trial <i>Emil Schemitsch Ole Brink Rudolf Poolman Lauren Nowak Justin De Beer Samir Mehta Dirk Stengel Mohit Bhandari The INSITE Investigators</i>
P15	203 Patient demographics, rather than implant type, influence patient-reported mobility at one year post trochanteric fracture: A secondary analysis of the INSITE Trial <i>Mohit Bhandari Dirk Stengel Ole Brink Lauren Nowak Rudolf Poolman Justin De Beer Samir Mehta Emil Schemitsch The INSITE Investigators</i>
P16	96 Benefits of Demineralized Bone Matrix in Osteoporotic Intertrochanteric Femoral Fracture Patients <i>Cho Hongman Chung Woochull Jung Myungcheol</i>
P17	97 Midterm Results of Bipolar Hemiathroplasty for Unstable Intertrochanteric Femur Fractures Using a Type 3C Cementless Stem <i>Chung Woochull Jung Myungcheol</i>



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P19	<p>16 A Prospective Randomized Controlled Trial to compare Femoral neck shortening and Patient-reported outcome measures after internal fixation of femur neck fracture with femoral neck system or multiple cannulated screws</p> <p><i>Saurabh Gupta</i></p>
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P21	<p>192 Cementless Short Stem Hemi-Arthroplasty in a Centenarian (103 Years Old): Higher Risk for Complications?</p> <p><i>Georg-Antonio Bernecker Christian Frank Andrej Nowakowski</i></p>
P22	<p>190 Dual mobility total hip arthroplasty shows similar dislocation rate as hemiarthroplasty in cognitively impaired patients with hip fracture</p> <p><i>Christina Frølich Frandsen Maiken Stilling Torben Bæk Hansen Tobias Kvanner Aasvang Morten Tange Kristensen</i></p>
P23	<p>110 Posterior joint capsule preservation is the optimal solution for postoperative dislocation of the bipolar hemiarthroplasty via posterior approach.</p> <p><i>Yoshiki Aoki</i></p>
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P26	<p>51 Distal femoral and femoral shaft fracture demographics, management, and outcomes on discharge: a single centre analysis</p> <p><i>Moe Takenoshita Apurba Chatterjee Kate Dean Natalie Joyce Youngjoo Kang</i></p>



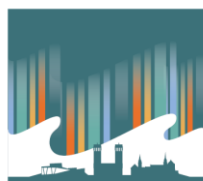
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P29	127 Fragility ankle fractures: One-year patient-reported outcome measures (PROMs) following surgery <i>Michael Quan Nguyen Ingvild Dalen Marjolein Memelink Iversen Knut Harboe Ane Djuv Aksel Paulsen</i>
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P32	47 Operative Management Of Neck Of Femur And Distal Radius Fractures In The Same Sitting. Does It Affect Clinical Outcome? <i>Saamil Shah Jasyran Birk Natal Holmes Jasmine Parkes Sukhdeep Gill Sarah Stapley</i>
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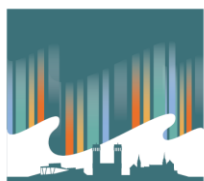
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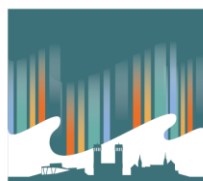
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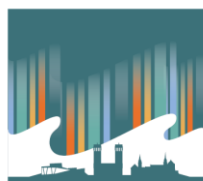
PILLAR II

REHABILITATION

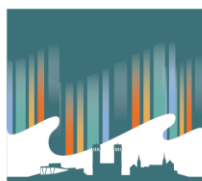
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P81	198 Association between mobilisation timing and 30-day survival after hip fracture: does choice of propensity score approach influence outcome? <i>Aicha Goubar Katie J. Sheehan Salma Ayis</i>
P82	201 Is No News Good News? One-year post discharge mortality of geriatric patients following urgent hip fracture surgery <i>Samarth Mittal, Apoorva Kabra</i>
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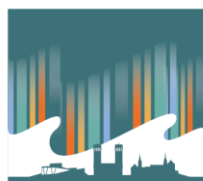
PILLAR III

SECONDARY FRACTURE PREVENTION

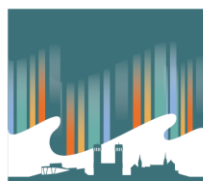
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MEZZANINE

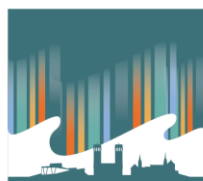
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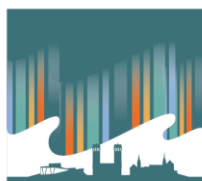
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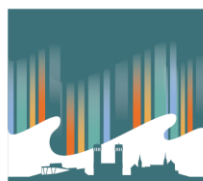
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Enlightening Fragility Fracture Care

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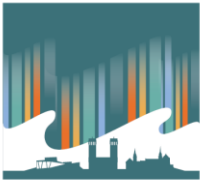


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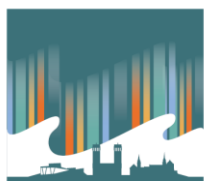
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P207	249 Square-stepping exercise (SSE) in improving fear of falling in patients with fragility fractures <i>Junzhuo Li</i>



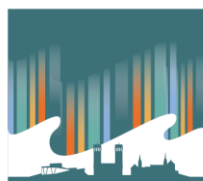
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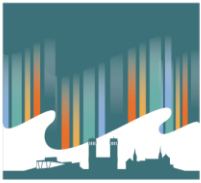
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D4	267 What's the hold up? Time to Surgery for hip fractures has not recovered post the COVID-19 pandemic <i>Faizal Rayan Thomas Ward Sari Al Hajaj Myrto Vlazaki Srinivasan Shyamsundar</i>
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D6	235 Providing early pre-operative assessment and optimisation of patients awaiting trauma surgery: Introducing a role for an anaesthetist on the trauma ward <i>Kelly Scott</i>
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D9	262 Application of fracture liaison service based on Internet hospital in elderly patients with hip fragility fracture <i>Yanling Pei Meng Xiao Yiling Yang Moyang Li</i>



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D12	160 Fracture Prevention Activities through Interdisciplinary Collaboration ~Approach to an Outpatient at Risk of Fracture <i>Tetsuya Matsuda Hisashi Adachi Ayumi Kuroda Yuji Hatano Ayaka Hamamoto Naomi Miura Natsuki Sugawa Makumi Teramoto Takashi Teramoto</i>
D13	35 Predictors of Fear of Falling and Activity Restriction in Older Adults after Hip Fracture: A Mixed-Methods Systematic Review <i>Stefanny Guerra Toby J Ellmers Ruqayyah Turabi Magda Law Aishwarya Chauhan Rhian Milton-Cole Emma Godfrey Katie J Sheehan</i>
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D15	169 Qualitative Comparative Analysis of Exercise for Fall Prevention in Residential Aged Care <i>Jenni Suen Rik Dawson Dylan Kneale Wing Kwok Cathie Sherrington Ian D Cameron Suzanne Dyer</i>
D16	149 Assessing the Health and fall risk of Elderly Population using ACT Assessment Tool and Home Hazards in Karachi, Pakistan <i>Muhammad Zafar</i>
D17	244 Introduction of a Rapid Vitamin D Loading Regime and the Impact on Bisphosphonate Prescription in #NOF Patients <i>Laura Pugh</i>
D18	152 Identifying Patients Who Would Benefit Most from Early Hip Fracture Surgery <i>Boris Sobolev Michael Dunbar Pierre Guy</i>



Sponsored Lunch Symposiums

Wednesday 4th 12:30-13:15

Nutrition

Sponsored by Danone/Nutricia

Thursday 5th 13:00-13:55

FLS Academy and Network in Practice

Sponsored by UCB

Friday 6th 11:40-12:10

Bone Markers

Sponsored by Roche

INVITATION

FROM PREHAB TO FRACTURE REHAB: MUSCLE AS THE TARGET OF NUTRITIONAL INTERVENTION TO ENHANCE RECOVERY

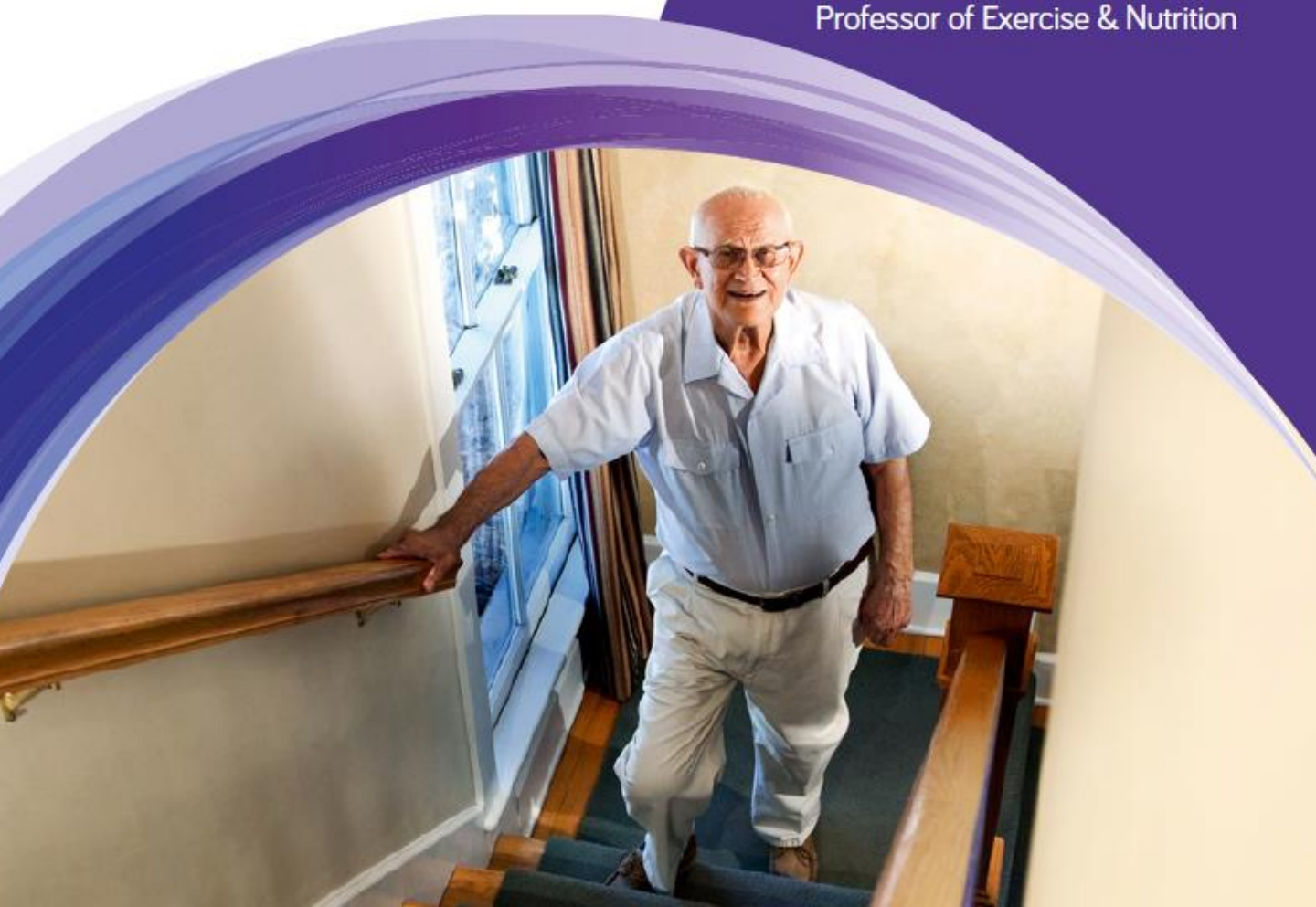
 4th October 2023

 12:30 – 13:15 CEST

 SAL A



Chair & Speaker
Prof. Luc van Loon (NL)
Professor of Exercise & Nutrition



FFN SYMPOSIUM 2023: PREVENTING THE NEXT FRACTURE – WHY NOT YOU?

THURSDAY, 5 OCTOBER 2023
13:00–14:00 (CEST)

SAL A, OSLO CONGRESS CENTRE



Dr Lene Solberg (Chair)
*Consultant Orthopaedic Surgeon
Oslo University Hospital, Norway*



Mr Andrew Gray
*Consultant Orthopaedic and
Trauma Surgeon
South Tees Hospitals NHS
Foundation Trust, UK*



Associate Professor Kassim Javaid
*Honorary Consultant Adult
Rheumatologist, Associate Professor
in Metabolic Bone Disease
University of Oxford, UK*

We welcome you to join us and our panel of experts at the Fragility Fracture Network (FFN) Global Congress 2023 as we explore the importance of coordinated efforts in secondary fracture prevention, including the significance of optimising fracture liaison services (FLSs) for post-fracture care.

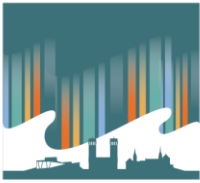
Supporting effective FLS development, the FLS Academy and Network (FAN) seeks to reduce secondary fractures in patients by providing resources to achieve successful FLS implementation, creating sustainable and proactive post-fracture services.

AGENDA

This meeting is only open to healthcare professionals registered for FFN 2023.

Time (CEST)	Session title	Speaker
13:00–13:05	Welcome and introduction	Dr Lene Solberg (Chair)
13:05–13:15	Understanding best practice: Learnings from NoFRACT	Dr Lene Solberg (Chair)
13:15–13:30	Simplifying the patient pathway	Mr Andrew Gray
13:30–13:45	Developing an effective FLS with FAN's help	Associate Professor Kassim Javaid
13:45–13:55	Q&A session	All speakers
13:55–14:00	Summary and close	Dr Lene Solberg (Chair)

Join us to find out more on how FAN can support your local FLS strategies.



Sponsored Lunch Symposium Friday 6th 11:40-12:10



Symposium about bone turnover markers:

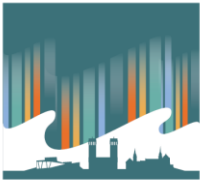
Use of bone turnover markers (BTM) in monitoring osteoporosis treatment in patients with fragility fractures

- BTM have become an important clinical tools for monitoring adherence and effect of anti-osteoporotic drugs.
- In this presentation, Tove Tveitan Borgen talks about:
 - the origin of BTM
 - measurement of BTM and influencing factors
 - results from a substudy of the Norwegian Capture the Fracture Initiative (NoFRACT)
 - cut-off values in monitoring adherence and effect



About the presenter:

Tove Tveitan Borgen is consultant rheumatologist at Drammen hospital, Norway. She defended for the PhD degree in 2020 on the topic "Trabecular bone score and vertebral fracture assessment in patients with fragility fractures", with data from the NoFRACT study.



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