

SPINE20:

Spine Care for People's Health and Prosperity

Rome (Italy) - September 17-18, 2021

Hybrid event

In Situ: Aula Magna Orthopaedic Clinic, University "La Sapienza"

FRIDAY SEPTEMBER 17, 2021

07.30-08.30 Live (in-person) Registration and Working Coffee

07.30-08.30 Virtual Registration

08.30-08.45 *Opening Statement*
Giuseppe Costanzo, Italy

08.45-09.00 *Welcome and Meeting Presentation*
Bernardo Misaggi, Italy
Opening address by the President of the Senate
Maria Elisabetta Alberti Casellati

09.00-09.15 *Inaugural SPINE20 2020 and collaboration with G20 and G20 Civil Engagement Groups*
Chairs: **Giuseppe Costanzo**, Italy
Bernardo Misaggi, Italy

SPINE20 Inaugural Meeting in Riyadh; a turning point in raising the awareness in spine care.
Sami AlEissa, Saudi Arabia, **Thomas Blattert**, Germany

09.15-09.30 *SPINE20 purpose and projects overview 2020-2021*
Chair: **Frank Kandziora**, Germany

09.15 *SPINE20: how and why it came to be!*
Eric Muehlbauer, USA

09.17 *Introduction of the SPINE20 Education Committee: Mission and goals for the future*
Jörg Franke, Germany, **Michael Piccirillo**, Switzerland

09.30-09.45 *SPINE20 Recommendations and publication 2020-2021*
Chair: **Sami AlEissa**, Saudi Arabia

09.30 *Why it is important to publish and to be recognized*
Margareta Nordin, USA

09.37 *The process of SPINE20 recommendations and publications*
Koji Tamai, Japan

09.45-10.00 *Why SPINE20 is important to new societies?*

Chairs: **Thomas Blattert**, Germany
Eric Muehlbauer, USA

09.45 *SPINE20 bridging the New Societies to the Government by recommendations*
Bambang Darwono, Indonesia

09.52 *SPINE20 The affable catalyst and think tank resource which can help empower your Society for accomplishing strategic objectives*
Harvinder S. Chhabra, India

10.00-10.30 Keynote lecture – *Crucial issues in University teaching and medical education in pandemic emergencies*

Chair: **Giuseppe Costanzo**, Italy

Key-note speaker: **Eugenio Gaudio**, Italy

10.30-10.45 Break

10.45-11.00 **Introduction to Symposia**

The international collaboration in SPINE20 symposia and defining recommendations
Luca Ricciardi, Italy, **Giovanni Andrea La Maida**, Italy

11.00-12.30 **Symposium 1: SPINE CARE A LUXURY OR NECESSITY**

Chairs: **Eric Truumees**, USA
Bambang Darwono, Indonesia
Frank Kandziora, Germany

11.00 *Introduction and purpose of symposium*
Eric Truumees, USA

11.05 *Summary of the global burden of Spine Disease including fiscal and disability related matters*
Frank Kandziora, Germany

11.15 *Summary and findings of global burden of low back and neck pain studies*
Pierre Côté, Canada

11.25 *Impact of spine disease in developing world*
Scott Haldeman, USA

11.35 *The importance of improved management of spinal trauma and deformity; The role of early/aggressive spine care as less expensive from a society-wide perspective than a laissez faire approach*
Eric Truumees, USA

11.50 *MISS solving the Burden of Spine Problems during Pandemic. It is not a luxury*
Bambang Darwono, Indonesia

- 12.00 *Effect of spine problems on prosperity*
Scott Haldeman, USA
- 12.10 *Panel discussion - Q&A*
Frank Kandziora, Germany, **Bambang Darwono**, Indonesia
- 12.25 *Conclusions and Recommendations – Spine care is a necessity and becomes a burden if neglected*
Frank Kandziora, Germany
- 12.30-13.00** *Keynote lecture - New policies in the Healthcare system after COVID pandemic*
Chair: **Bernardo Misaggi**, Italy
- Key-note speaker: **Letizia Moratti**, Italy
- 13.00-14.00** Lunch Break
- 14.00-15.30** **Symposium 2: SPINE REHABILITATION MEANS PROSPERITY**
Chairs: **Pierre Côté**, Canada
Hana Alsobayel, Saudi Arabia
Marco Campello, USA
- 14.00 *Introduction and purpose of symposium*
Pierre Côté, Canada
- 14.06 *Evidence-based rehabilitation is necessary to promote prosperity in our communities*
Stefano Negrini, Italy
- 14.18 *The need for spine rehabilitation in low-and middle-income countries*
Rajani Mullerpatan, India
- 14.30 *How evidence-based occupational rehabilitation of spine disorders can improve the economic welfare of our societies?*
Han Anema, The Netherlands
- 14.42 *Implementation of return-to-work strategies to health and economic welfare of workers with spinal disorders*
Doug Gross, Canada
- 14.54 *Panel discussion - Q&A*
Marco Campello, USA, **Hana Alsobayel**, Saudi Arabia
- 15.25 *Conclusions and Recommendations*
Pierre Côté, Canada

15.30-17.00 **Symposium 3: SPINE HEALTH AND AGING**

Chairs: **Marco Brayda-Bruno**, Italy
Markus Arand, Germany
Raghava D. Mulukutla, India

Panel 1: The Osteoporosis Challenge

- 15.30 *Screening strategies in a global perspective*
L. Rachid Salmi, France
- 15.38 *Therapy and prevention*
Salvatore Minisola, Italy
- 15.46 *Surgical options in different economical settings*
Markus Arand, Germany
- 15.54 *Panel discussion - Q&A*
Raghava D. Mulukutla, India

Panel 2: The degenerative and ageing challenge

- 16.07 *When & what activity/exercises vs when and how to get stability*
Fabio Zaina, Italy
- 16.15 *Surgical options in degenerative aged spine; when less is more and when to be aggressive*
Marco Brayda-Bruno, Italy
- 16.23 *Evidence of complications and frailty assessment in elderly*
Raghava D. Mulukutla, India
- 16.31 *Panel discussion - Q&A*
Markus Arand, Germany
- 16.44 *Conclusions and Recommendations*
Marco Brayda-Bruno, Italy

19.30 Social Dinner

SATURDAY SEPTEMBER 18, 2021

- 08.00-08.15** *Welcome Day 2 of SPINE20*
Giuseppe Costanzo, Italy, **Bernardo Misaggi**, Italy
- 08.15-09.45** *Symposium 4: BURDEN UNDERSERVED COMMUNITIES*
Chairs: **Jamiu Busari**, The Netherlands
Harvinder S. Chhabra, India
Francesco Ciro Tamburrelli, Italy
- 08.15 *Welcome and Purpose of the Symposium*
Francesco Ciro Tamburrelli, Italy
- 08.21 *Defining the Problem*
Ian Vlok, South Africa
- 08.31 *Challenges uncovered.*
Kwadwo Poku Yankey, Ghana
- 08.41 *Is it a viable option for poor countries? What can we learn from the world?*
Margareta Nordin, USA
- 08.51 *Developing long term region specific realistic goals*
Anand Bang, India
- 09.01 *Panel discussion - Q&A*
Harvinder S. Chhabra, India
- 09.40 *Conclusions and Recommendations*
Jamiu Busari, The Netherlands
- 09.45-10.15** Break
- 10.15-11.45** *Symposium 5: ACHIEVING EFFECTIVENESS*
Chairs: **Massimo Balsano**, Italy
William Sullivan, USA
Fahad Alhelal, Saudi Arabia
- 10.15 *Introduction and Purpose of Symposium*
Massimo Balsano, Italy
- 10.20 *International screening for Spine deformity*
Massimo Balsano, Italy
- 10.30 *Spine Care in workplaces*
Fahad Alhelal, Saudi Arabia
- 10.40 *Achieving effectiveness through a multidisciplinary approach to Spine Care*
Edward Dohring, USA

- 10.50 *Teaching non-surgical Spine Care in limited resource countries*
William Sullivan, USA
- 11.00 *Panel discussion - Q&A*
William Sullivan, USA, Fahad Alhelal, Saudi Arabia
- 11.40 *Conclusions and Recommendations*
Massimo Balsano, Italy
- 11.45 -12.15** *Keynote lecture - Order of Malta worldwide commitment for a fair and sustainable Healthcare*
Chair: **Carlo Ruosi, Italy**
- Key-note speaker: **Dominique Prince de la Rochefoucauld-Montbel**
- 12.15-13.30** Lunch Break
- 13.30-15.00** **Symposium 6: FUTURE PERSPECTIVE GLOBAL**
Chairs: **Yahya Alqahtani, Saudi Arabia**
Shanmuganathan Rajasekaran, India
Dominique Rothenfluh, United Kingdom
- 13.30 *Welcome and introduction to symposium*
Dominique Rothenfluh, United Kingdom
- 13.36 *Artificial Intelligence Vs Human Intelligence – Will there be a winner?*
Christopher Ames, USA
- 13.46 *Disc regeneration and biological research- Is the future promising?*
Kenneth Cheung, Hongkong
- 13.56 *Surgical navigation system and the future*
Shanmuganathan Rajasekaran, India
- 14.06 *Breaking down barriers with telehealth-care delivery is changing*
Yahya Alqahtani, Saudi Arabia
- 14.16 *Closing the gender gap in Ortho and Spine surgeons: challenges and perspectives*
Maria Silva Spinelli, Italy
- 14.26 *Panel discussion - Q&A*
Shanmuganathan Rajasekaran, India
- 14.55 *Conclusion and Recommendations*
Yahya Alqahtani, Saudi Arabia
- 15.00-15.15** Break

15.15-16.30 *Discussion recommendations and voting SPINE20 2021*

Chairs: **Giuseppe Costanzo**, Italy
Sami AlEissa, Saudi Arabia
Eric Muehlbauer, USA

Discussion

Margareta Nordin, USA, **Paulo Pereira**, Portugal
Recorder: **Koji Tamai**, Japan

16.30-16.45 *Welcome to Indonesia*

Chair: **Giuseppe Costanzo**, Italy

Speaker: **Bambang Darwono**, Indonesia

16.45-17.00 *Closing Ceremony SPINE20 2021*

Giuseppe Costanzo, Italy, **Bernardo Misaggi**, Italy