



PectusCare ONLUS
SUPPORTING THORACIC DEFORMITY PATIENTS



FONDATA NEL 1963



1st International CHESTWALL COURSE

Lucca, May 9-11, 2019

Final Program



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**Under the Patronage of
Società Italiana di Chirurgia Pediatrica**

ORGANIZING COMMITTEE

Frank-Martin Haecker, Basel (CH) and Dubai (UAE)

Manuel Lopez-Paredes, Barcelona (E)

Antonio Messineo, Florence (I)

Hans K. Pilegaard, Aarhus (D)

Josè Ribas Milanez De Campos, Sao Paulo (B)

SCIENTIFIC SECRETARIAT

Alessia Bertocchini, PEctusCAre Onlus, Lucca (I)

Flavio Facchini, Meyer Children Hospital, Firenze (I)

Marco Ghionzoli, Meyer Children Hospital, Firenze (I)

Alessandro Gonfiotti, University Hospital Careggi, Florence (I)

Maria Chiara Cianci, Meyer Children Hospital, Firenze (I)

ORGANIZING SECRETARIAT

**Eventi in Fiore sas
di Francesca Fiorentini & C.**

Via della Faggiola 18

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INTENDED AUDIENCE

This two day comprehensive program is designed specifically for pediatric, thoracic and plastic surgeons.

Staff, fellows and residents are invited to attend.

LEARNING OBJECTIVES

Upon completion of this educational activity the participants, through multimedia lectures as well as from the interactive discussion with Faculty members, will be able to:

- ⇒ Differentiate between patients who should undergo specific treatment to correct their chest wall disease, and patients in whom “watch and wait” is justified
- ⇒ Identify best practices for chest wall diseases’ treatment
- ⇒ Recognize improvement opportunities within own surgical practice

PARTICIPATION

The participant number is limited to the first 70 applicants.

Participants are encouraged to send abstracts (300 words limit) concerning difficult cases which will be selected for open discussion.

COURSE SITE

Auditorium - Complesso San Micheletto
Via San Micheletto 2
55100 Lucca (Italy)

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GENERAL INFORMATION

REGISTRATION FEES

€ 400,00 (VAT included)

Congress bag with final program. Full access to the scientific sessions

Welcome cocktail on Thursday evening. Thursday's lunch.

Coffee breaks. Dinner on Friday evening

€ 200,00 (VAT included)

A special registration fee, dedicated to certified residents

(Dinner excluded)

REGISTRATION AND INFORMATION DESK

The Secretariat desk will be open as follows:

Thursday, May 9: h. 13.00 - 20.00

Friday, May 10: h. 08.00 - 18.30

Saturday, May 11: h. 08.00 - 13.00

NAME BADGE

Name badges will be issued to all participants and for security purposes must be worn throughout the Course. Badges will be colour coded as follows:

Faculty Red

Participants Blue

Residents Green

CERTIFICATES OF ATTENDANCE

Certificates of Attendance will be available at the end of the Course.

LUNCH AND REFRESHMENTS

Coffees, teas and buffet lunch will be provided to all delegates and will be included in the registration fee. They will be served in the Exhibition area and in the Chiostro.

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FACULTY

Alessia Bertocchini, Pediatric Surgeon, PECTUSCARE Onlus, Lucca (I)

Alessandro Bertani, Thoracic Surgeon, ISMETT, Palermo (I)

Sara Bongiani, Thoracic Surgeon, University Hospital Careggi, Firenze (I)

Domenico Campanacci, Orthopedic Surgeon, University Hospital Careggi, Firenze (I)

Monica Carfagni, Department of Industrial Engineering, University of Firenze (I)

Jean-Pierre Chavoïn, Plastic Surgeon, Hopital de Rangueil Chu, Toulouse (F)

Roberto Crisci, Thoracic Surgeon, University of L'Aquila, (I)

Flavio Facchini, Plastic Surgeon, Meyer Children Hospital, Firenze (I)

Pier Luigi Filosso, Thoracic Surgeon, Department of Surgery, University of Torino (I)

Marco Ghionzoli, Pediatric Surgeon, Meyer Children Hospital, Firenze (I)

Alessandro Gonfiotti, Thoracic Surgeon, University Hospital Careggi, Firenze (I)

Daniela Greto, Radiotherapist Physician, University Hospital Careggi, Firenze (I)

Frank-Martin Haecker, Pediatric Surgeon, St. Gallen and Basel (CH), Dubai (UAE)

Mario Lima, Pediatric Surgeon, Policlinico S.Orsola-Malpighi, University of Bologna (I)

Lorenzo Livi, Radiation Therapist, University Hospital Careggi, Firenze (I)

Manuel Lopez-Paredes, Pediatric Surgeon, Barcelona (E)

Roberto Lo Piccolo, Pediatric Surgeon, Meyer Children Hospital, Firenze (I)

Marco Lucchi, Thoracic Surgeon, University Hospital of Pisa (I)

Alessandra Martin, Pediatric Surgeon, Meyer Children Hospital, Firenze (I)

Antonio Messineo, Thoracic Surgeon, Meyer Children Hospital, Firenze (I)

Antonino Morabito, Pediatric Surgeon, Meyer Children Hospital, Firenze (I)

Adriano Peris, Intensive Care Unit, University Hospital Careggi, Firenze (I)

Hans K. Pilegaard, Thoracic Surgeon, Aarhus (D)

Josè Ribas Milanez de Campos, Thoracic Surgeon, Sao Paulo (B)

Claudio Spinelli, Pediatric Surgeon, University Hospital of Pisa (I)

Michele Torre, Pediatric Surgeon, Gaslini Institute, Genova (I)

Davide Tosi, Thoracic Surgeon, Fondazione IRCCS Cà Granda, University of Milano (I)

Francesca Ucheddu, Department of Industrial Engineering, University of Firenze (I)

Yary Volpe, Department of Industrial Engineering, University of Firenze (I)

Luca Voltolini, Thoracic Surgeon, University Hospital Careggi, Firenze (I)

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PROGRAM

Thursday, May 9, 2019

- h. 13.45 **Welcome to participants and Introduction of the Course**
Alessia Bertocchini and Antonio Messineo
- h. 14.00 **Lectures on Pectus Carinatum (PC)**
(15' presentation + 5' discussion)
Chairmen: *Frank-Martin Haecker* and *Josè Ribas de Campos*
- h. 14.00 Classification of different PC's types
Alessandra Martin
- h. 14.20 Indications for treating PC: only cosmetic?
Flavio Facchini
- h. 14.40 When, why and who we need to compress?
Manuel Lopez-Paredes
- h. 15.00 Surgical options: open or miniinvasive techniques
Hans K. Pilegaard
- h. 15.20 How it is possible to measure PC variation?
Yary Volpe
- h. 15.40 Clinical outcome – literature and institutional experience
Marco Ghionzoli
- h. 16.00 Coffee Break and Exposition visit
- Cases Presentation of PC**
(8' presentation + 12' discussion)
Chairmen: *Hans K. Pilegaard* and *Claudio Spinelli*
- 16.30-18.30 Presentation of 6 cases with slides or videos
- 19.00-22.00 Welcome Cocktail

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PROGRAM

Friday, May 10, 2019

- h. 08.30 **Lectures on Pectus Excavatum (PE)**
(8' presentation + 2' discussion)
Chairmen: *Manuel Lopez-Paredes* and *Alessandro Gonfiotti*
- h. 08.30 Classification of PE and preoperative work-up
Roberto Lo Piccolo
- h. 08.40 Evidence for vacuum bell use
Frank-Martin Haecker
- h. 08.50 Which orthosis and physiotherapy before and after surgery
Josè Ribas de Campos
- h. 09.00 **Opinion on the boxing ring**
(15' presentation + 20' discussion in all)
- a) Indications to surgery**
Antonio Messineo
Discussants: *Hans Pilegaard, Manuel Lopez-Paredes,*
Frank-Martin Haecker and *Josè Ribas de Campos*
- b) Nuss technique**
Hans Pilegaard
Discussants: *Antonio Messineo, Manuel Lopez-Paredes,*
Frank-Martin Haecker and *Josè Ribas de Campos*
- h. 10.10 Open Discussion
- h. 10.30 Coffee Break and Exposition visit

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Friday, May 10, 2019

- h. 11.00 **Lectures on PE and cases presentation**
(15' presentation + 15' discussion)
Chairmen: *Mario Lima* and *Josè Ribas de Campos*
- h. 11.00 Bar Removal
Frank-Martin Haecker
- h. 11.30 Redo Surgery
Josè Ribas de Campos
- h. 12.00 **Presentation of 3 PE cases with slides or videos**
(8' presentation + 12' discussion)
- h. 13.00 Buffet Lunch
- Lectures on Complex Deformities
(Sternal cleft, Poland Syndrome & Pectus Arcuatum)**
(15' presentation + 5' discussion)
Chairmen: *Frank-Martin Haecker* and *Antonino Morabito*
- h. 14.00 Sternal cleft repair, early and late results
Josè Ribas de Campos
- h. 14.20 Poland Syndrome, classification and treatment
Michele Torre
- h. 14.40 Surgical Techniques in Pectus Arcuatum
Flavio Facchini
- h. 15.00 **Presentation of 3 cases with slides or videos**
(8' presentation + 12' discussion)
- h. 16.00 Coffee Break and Exposition visit

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Friday, May 10, 2019

- h. 16.30 **Lectures on Diagnostic and Therapeutic Innovations**
(15' presentation + 5' discussion)
Chairmen: *Monica Carfagni* and *Roberto Crisci*
- h. 16.30 Pectus Up technique
Manuel Lopez-Paredes
- h. 16.50 CAD Implants in PE and Poland Syndrome
Jean-Pierre Charvoin
- h. 17.10 Optical scanning
Francesca Uccheddu
- h. 17.30 CAD-devised cutting template to perform "ad hoc" horizontal sternotomy in pectus arcuatum treatment
Marco Ghionzoli
- h. 17.50 New materials to Cover Chest Wall Defects
Alessandro Gonfiotti
- h. 18.10 Lipografting in PE repair
Flavio Facchini
- h. 20.30 Dinner

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Saturday, May 11, 2019

- h. 08.30 **Lectures on Chest Wall tumors**
(15' presentation + 5' discussion)
Chairmen: *Manuel Lopez-Paredes* and *Luca Voltolini*
- h. 08.30 Sternal and anterior chest wall tumours
Marco Lucchi
- h. 08.50 Basic principles of sternal and ribs reconstruction and the use
of new material
Alessandro Gonfiotti
- h. 09.10 Metal implant in the chest: choosing the best one to avoid failures
Marco Ghionzoli
- h. 09.30 Integrated treatment of chest wall tumours
Daniela Greto
- h. 09.50 How to do it: tumours invading the chest wall
Davide Tosi
- h. 10.30 Coffee Break and Exposition visit
- h. 11.00 **Lectures on Trauma of the chest wall**
(15' presentation + 5' discussion)
Chairmen: *Frank-Martin Haecker* and *Alessandro Bertani*
- h. 11.00 Multidisciplinary management of chest wall trauma.
Who's the team leader?
Adriano Peris
- h. 11.20 Chest wall stabilization in trauma patients: why, when and how?
Josè Ribas de Campos

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Saturday, May 11, 2019

- h. 11.40 Pitfalls and complications in chest wall reconstruction
Pierluigi Filosso
- h. 12.00 The clavicle, a border land
Domenico Campanacci
- h. 12.20 How to do it: Anterior flail chest
Sara Bongianini
- h. 13.00 Evaluation and conclusions

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ACKNOWLEDGEMENTS