

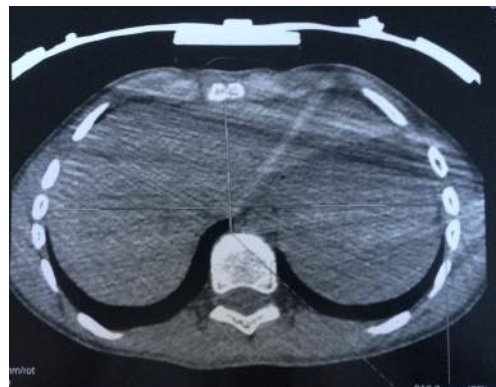
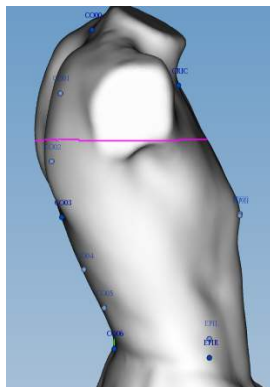
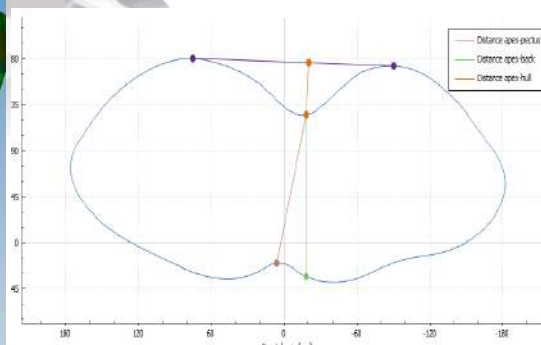
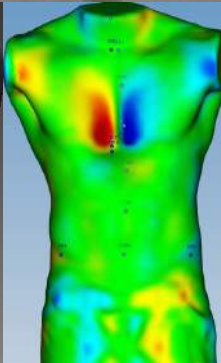


3rd Workshop on Chest Wall Deformities

OCTOBER 01-02 2015
Saint Etienne, France



CONFERENCE ROOM
« Amphithéâtre D »
CAMPUS SANTE INNOVATIONS
Medicine school of Saint Etienne
« UNIVERSITE JEAN MONNET »
Hôpital Nord
Centre Hospitalier Universitaire
CHU- Saint Etienne
Avenue Albert Raimond 42277
Saint Priest en Jarez



ADVANCED PROGRAM 2015

3rd Workshop on Chest Wall Deformities

Will take place at:



CONFERENCE ROOM
CONFERENCE ROOM
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CAMPUS SANTE INNOVATIONS
Medicine school of Saint Etienne
« UNIVERSITE JEAN MONNET »
Hôpital Nord
Centre Hospitalier Universitaire
CHU- Saint Etienne
Avenue Albert Raimond 42277
Saint Priest en Jarez

General information

Hotel Reservation

1. HOTEL DU GOLF (Hotel of workshop)

Special rate for the participants

67 rue Saint –Simon, 42000

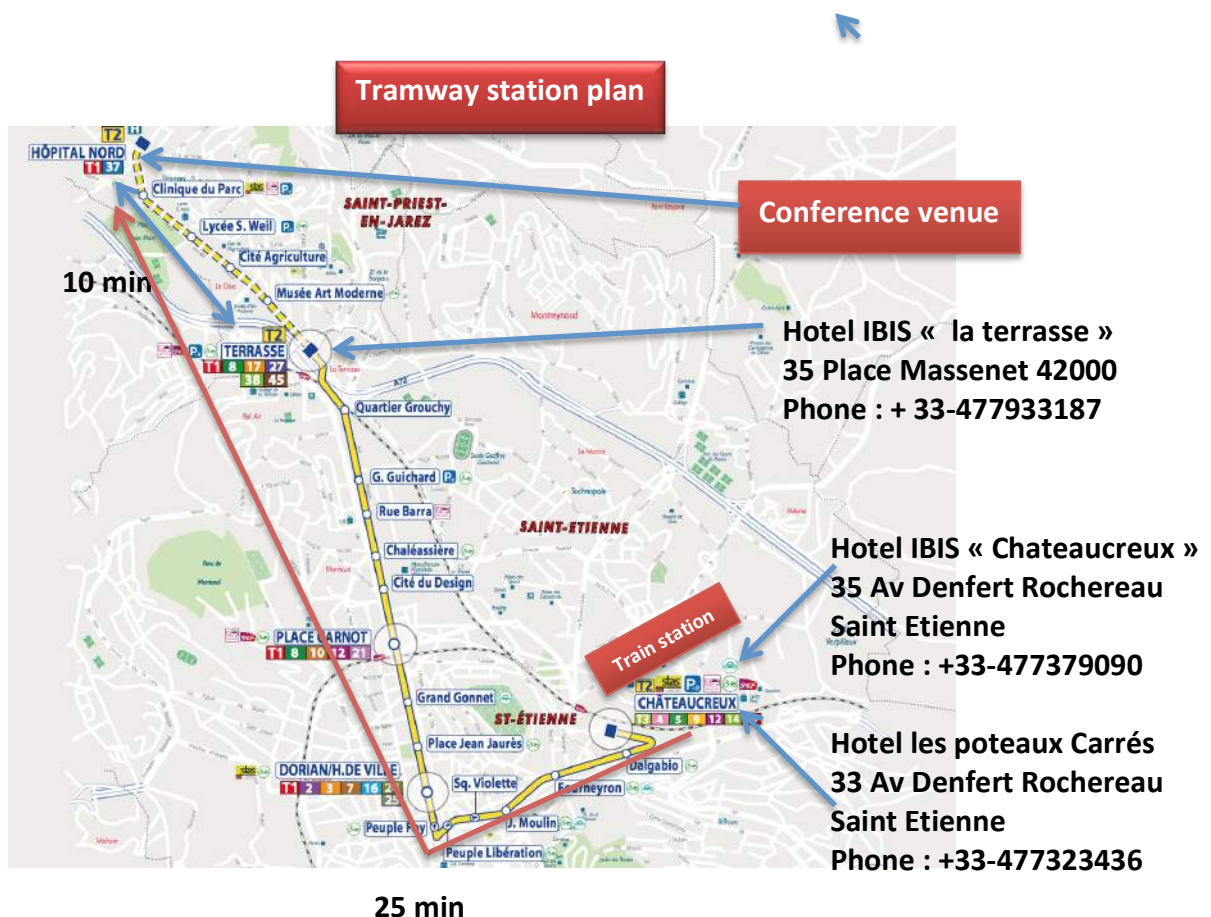
Saint Etienne-Phone: +33-477414100

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Free shuttle is available between Hotel du Golf and Hospital
October 01: 07:45 am (From Hotel du Golf to Hospital)
October 02: 07:15 am (From Hotel du Golf to Hospital)

Hotels near the conference venue



THE TABLE OF CONTENTS

1. Invitation	3
2. Program Committee...	4
3. Guest of Honor	5
4. Our Sponsors.....	8
5. Program Day 1.....	10
“ Live Surgeries“	
6. Case 1	11
7. Case 2.....	12
8. Case 3.....	13
9. Case 4.....	14
10.Conferences.....	15
10.Gala Dinner.....	17
11.Program Day 2.....	18
“Live Surgeries”	
12. Case 1.....	19
13. Case 2.....	20
14. Case 3.....	21
15. Conferences.....	22
16. Faculty Dinner.....	24
17. Sponsors.....	25

INVITATION

Dear colleagues,

It's our great pleasure to invite you to participate in the 3rd Workshop on Chest Wall Deformities. The event will take place in Saint Etienne France on October 1-2 2015.

The workshop is organized by the cooperation of both: the Department of Pediatric Surgery and the Department of Thoracic Surgery of the University Hospital of Saint Etienne France under presidency of Pr. Marcel Dahan from Toulouse, France.

Minimal invasive technique for the treatment of Pectus Excavatum (PE) was describe by Dr. Donald NUSS in 1997, this technique introduced a paradigm shift by demonstrating that the thoracic wall is a very elastic and malleable structure in children and teenager. Inspired by the same concept, others minimal invasive procedures for the treatment of Pectus Carinatum (PC) have been described by Horacio Abramson in 2005, with the use of sternal bar. Several authors have suggested a variety of nonoperative approaches based on the same concept: The anterior chest wall is still compliant during puberty and permits remodeling by applying external compression for PC or by external suction for PE.

On this occasion, we have the pleasure to welcome international experts as our guests of honor who revolution the treatment of chest wall deformities by minimal invasive techniques and who counts with the largest series in the treatment of chest wall deformities.

An intensive two-day course with active participation of Donald NUSS from USA, mentor of NUSS Procedure, Robert Kelly President of Chest Wall International Group (CWIG) from USA, Hyung Joo PARK from Seoul Korea, Hans PILEGAARD from Denmark, Marcelo MARTINEZ FERRO from Argentina, Mustafa YUKSEL from Turkey, Jose RIBAS MILANEZ DE CAMPOS from Brazil, Patricio VARELA from Chile, Frank Martin HAECKER from Switzerland, Carlos BARDAJI from Spain, Sjoerd DE BEER from Holland, Jean Marie WIHLM, Frederic COSTES, Guillaume JONDEAU and Marcel DAHAN from France. Our guests will perform "Live Surgeries" in both Pectus Excavatum and Carinatum. The first day will be dedicated to the treatment of PE and the second day will be dedicated to the treatment of PC and atypical forms including" live surgery".

A section of cases presentation will be available. If you are interesting in presenting, please contact us during workshop.

We look forward to your participation and to your contribution to this meeting.

Welcome to Saint Etienne,

Sincerely

PROGRAM COMMITTEE

DEPARTMENT OF GENERAL SURGERY AND THORACIC SURGERY



Olivier Tiffet
Professor
Head of Department of
Thoracic Surgery
University Hospital of
Saint Etienne



Addulrazzaq SULAIMAN
Thoracic Surgeon
Department of Thoracic
Surgery
University Hospital of
Saint Etienne

DEPARTMENT OF PEDIATRIC SURGERY



Manuel LOPEZ
Pediatric Surgeon
Department of Pediatric
Surgery & Urology
University Hospital of
Saint Etienne



François VARLET
Professor
Pediatric Surgeon
Department of Pediatric
Surgery & Urology
University Hospital of
Saint Etienne

OUR RESIDENTS



Arnaud Patoir
Thoracic Surgery



Sophie Vermersch
Pediatric Surgery

UNDER THE PRESIDENCE OF :



Marcel Dahan
Professor Emeritus
Department of Thoracic Surgery
University Hospital of
Toulouse

GUESTS OF HONOR



Donald Nuss
Professor Emeritus
Eastern Virginia Medical
School Children's Hosp. of
the King's Daughters
Norfolk, USA



Hyung Joo Park
Professor
St. Mary Hospital, The
Catholic University
Seoul, Korea



Mustafa Yuksel
Professor
Marmara Univ. Pendik
Training and research H.
Istanbul, Turkey



Marcelo Martinez-Ferro
Professor
Division of Pediatric
Surgery Foundation
Hospitalaria Children's
Hosp. Buenos Aires,
Argentina

GUESTS OF HONOR



Robert KELLY
Professor
President of CWIG
Chest Wall International Group
Chief of Surgery
Children's Hospital of the
King's Daughters
Norfolk-USA



Hans PILEGAARD
Professor
Cardiothoracic Surgeon
Past-President of CWIG
Aarhus University Hospital
Aarhus, Denmark



Carlos Bardaji Pascual
Professor
Director of
Department of Pediatric Surgery
Corporacion sanitaria y Universitaria
Parc Tauli de Sabadell
Barcelona, Spain



Jean-Marie Wihlm
Professor
Thoracic Surgeon
Hôpital de Cochin
Paris, France

GUESTS OF HONOR



Frank-Martin Haecker
Professor
Department of Pediatric
Surgery.
Univ Children's Hosp.
Basel, Switzerland



Patricio Varela
Professor
Pediatric Surgery
Univ of Chile. Calvo
Mackenna children Hosp.
Clinica las Condes
Medical Center.
Santiago de Chile, Chile



Jose Ribas Milanez de Campos
Professor
Department of Thoracic Surgery
Hospital das Clínicas
University of Sao Paulo Medical School
Sao Paulo, Brazil



Sjoerd De BEER
Pediatric Surgeon
Paediatric Surgical Centre
Of Amsterdam
Holland

GUESTS OF HONOR



Guillaume Jondeau
Professor of Cardiology
Director, Heart Failure Unit
Director Reference Centre Marfan syndrome and related
Claude Bichat-Claude Bernard Hospital, Paris



Pr. Frederic Costes
Professor
Physiology
University Hospital of Clermont Ferrand
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3rd Workshop on Chest Wall Deformities

THURSDAY, OCTOBER 01 2015
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Hôpital Nord
Centre Hospitalier Universitaire
CHU- Saint Etienne
Avenue Albert Raimond 42277
Saint Priest en Jarez

Free Wifi zone is available during the Workshop
Free shuttle is available between Hotel du Golf and Hospital

8:00- 8:30 REGISTRATION & BREAKFAST AT THE AUDITORIUM

8:30-9:45 WELCOME

Mr Frédéric BOIRON

General Manager of University Hospital of Saint Etienne

Pr. François VARLET

Head of Department of Pediatric Surgery & Urology

Pr. Oliver TIFFET

Head of Department of General & Thoracic Surgery

08:45 - 13-00

“LIVE SURGERIES”

Tele-conference from OR to Auditorium

Moderators:

Auditorium Pr. Marcel DAHAN /Pr. Jose RIBAS MILANEZ DE CAMPOS

OR: Pr. Marcelo MARTINEZ-FERRO

CASES

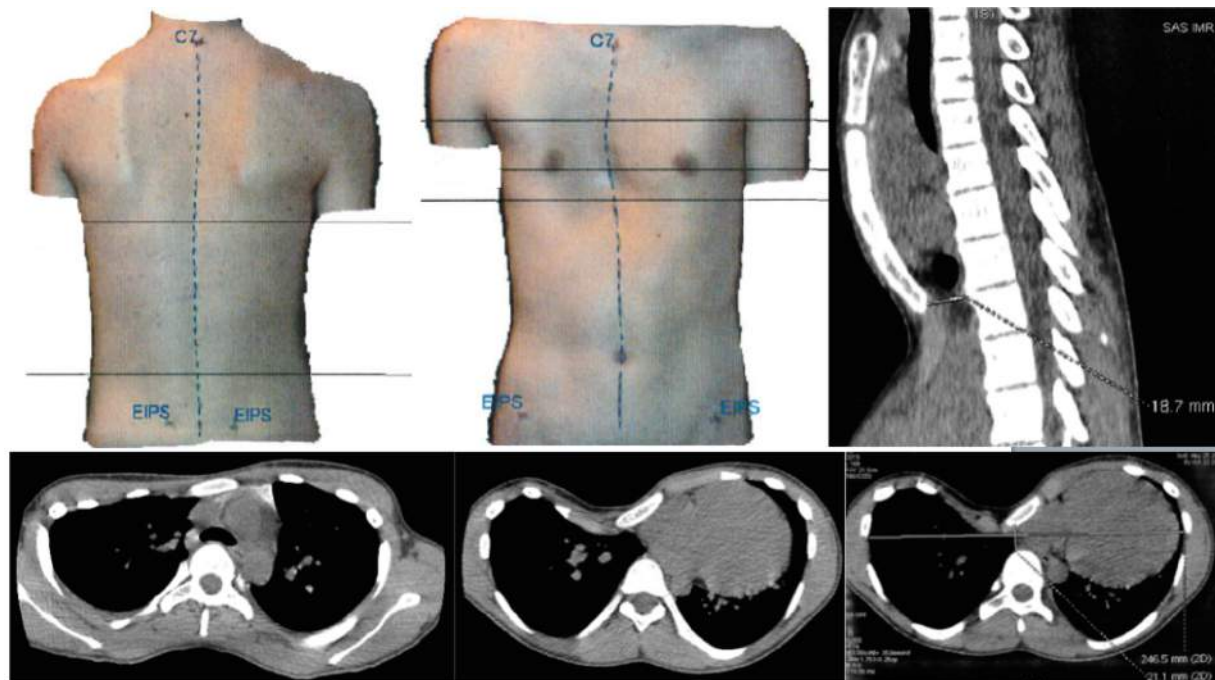
CASE 1

Male 15 years-old

RIGHT ASYMMETRIC PECTUS EXCAVATUM. ECCENTRIC 2A3

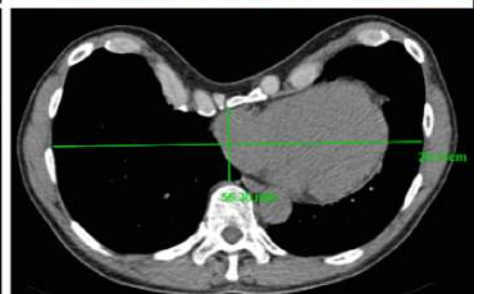
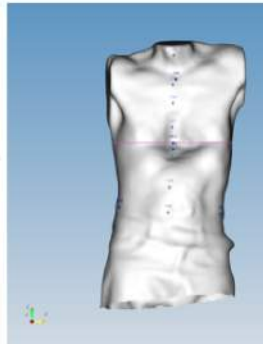
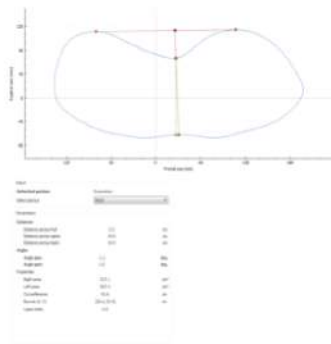
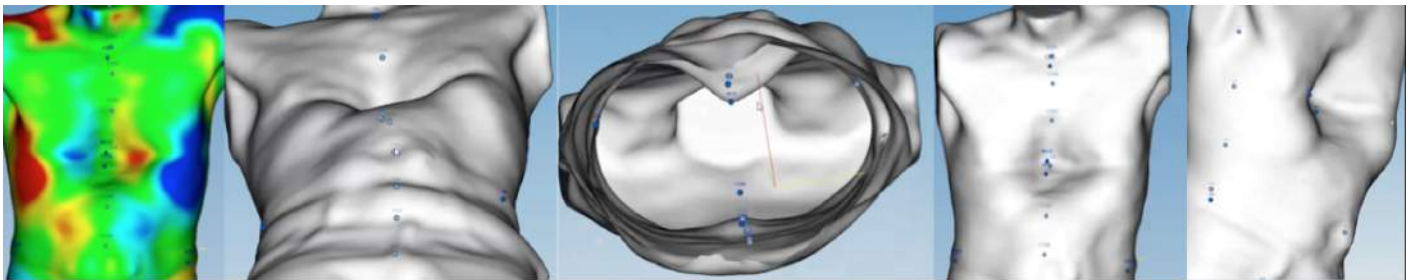
Nuss Procedure.

Pr. Robert KELLY - Manuel LOPEZ



CASE 2

Male 64 years-old
RIGHT ASYMMETRIC PECTUS EXCAVATUM. ECCENTRIC 2A1
Nuss Procedure.
Pr. Hans PILEGAARD (Denmark) - Oliver TIFFET



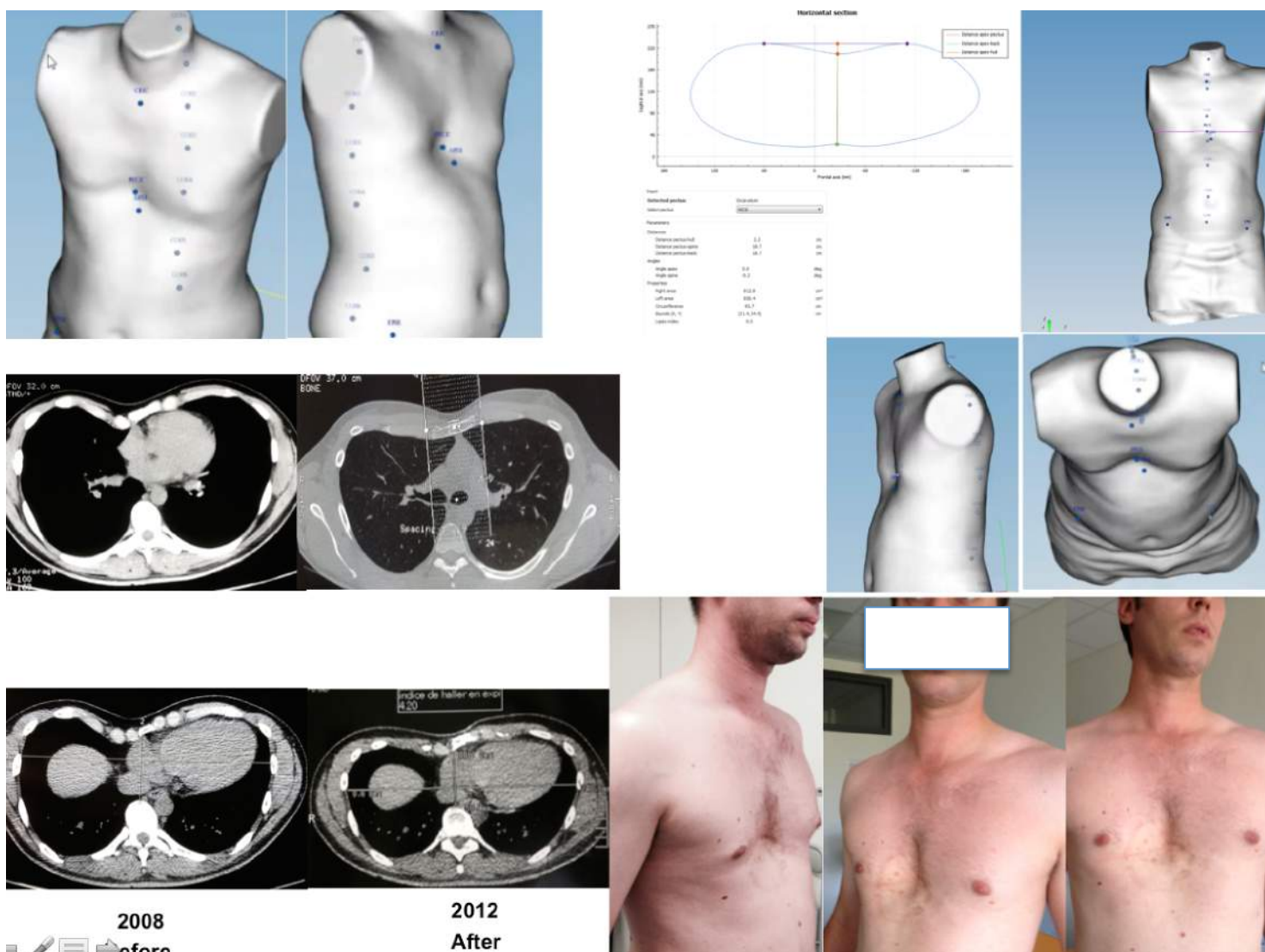
10:30

COFFEE BREAK & EXHIBITION



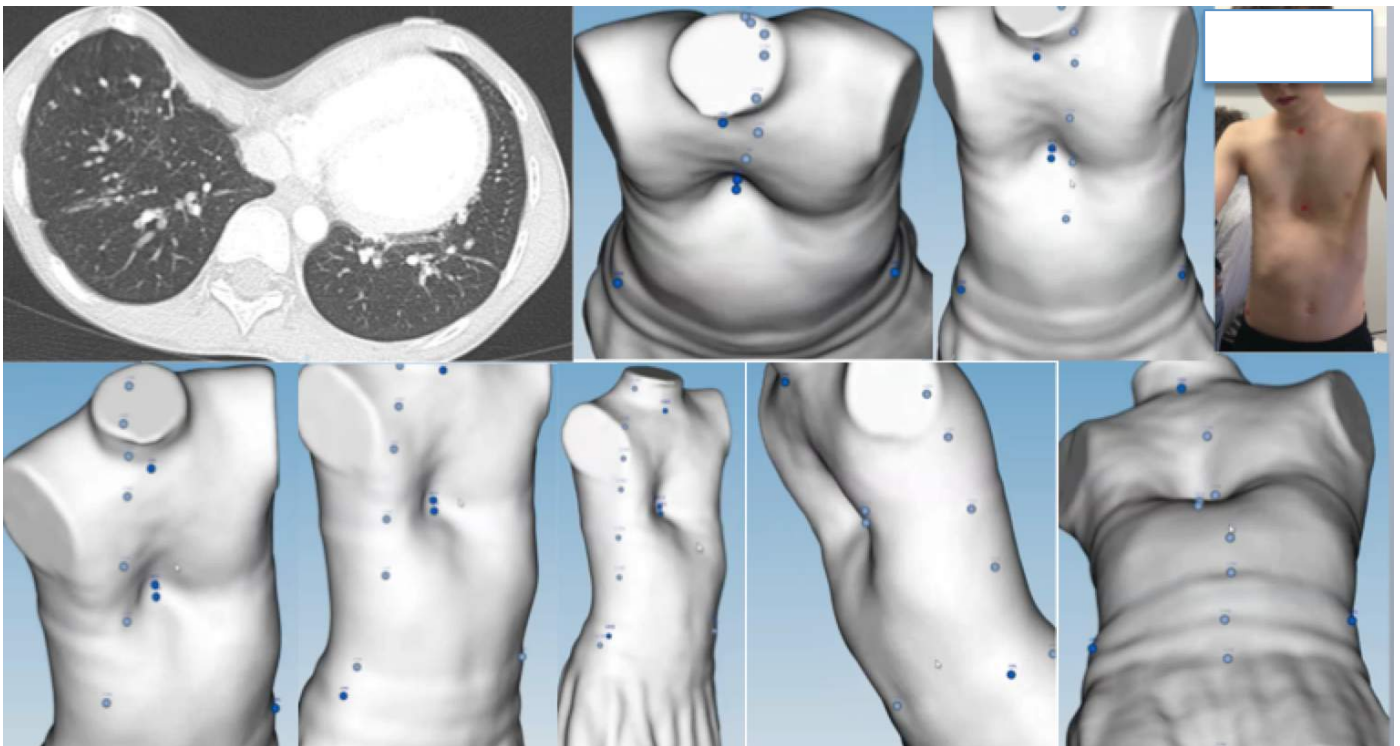
CASE 3

Male 33 years-old
RELAPSE OF PECTUS EXCAVATUM AFTER RAVITCH PROCEDURE IN 2008.
 Nuss Procedure.
 Pr. Hyung Joo PARK (Korea) – Pr. Olivier TIFFET



CASE 4

Male 12 years-old
RIGHT ASYMMETRIC PECTUS EXCAVATUM. ECCENTRIC 2A1
Nuss Procedure
Pr. Hans PILEGAARD (Denmark) – Manuel LOPEZ



13:00-14:30

LUNCH BREAK & EXHIBITION

CONFERENCES

14:30-16:20

SESSION ONE

Moderator: Pr. Mustafa YUKSEL - Pr. Robert KELLY

14:30-14:35

Introduction

Pr. Robert KELLY (USA)

President of CHEST WALL INTERNATIONAL GROUP (CWIG)

14:35-14:55 What we have learned since 1998 regarding the minimally
invasive Pectus repair?

Pr. Donald NUSS (USA)

15:55-15:15

Chest Wall Deformity: Isn't less surgery better

Pr. Robert KELLY (USA)

15:15-15:35

Evolution of minimal invasive surgery for Pectus Excavatum

Pr. Hyung Joo PARK (Korea)

15:35-15:55

Minimal invasive surgery in elderly patient

Pr. Hans PILEEGARD (Denmark)

15:55-16:15

Tricks in Nuss procedure.

Pr. Jose Jose RIBAS MILANEZ DE CAMPOS (Brazil)

"5 min Q&A"

16:20-16:45

COFFEE BREAK & EXHIBITION



16 :45 -18: 05

SESSION TWO

Moderators: Pr. Donald NUSS - Pr. Carlos BARDAJI

16:45-17:05

**Who are suitable candidates for Vacuum Bell therapy?
Basel Experience.**

Pr. Frank Martin HAECKER (Switzerland)

17:05 – 17:25

Thoracic Indexes Overview. Do we really need them?

Pr. Marcelo MARTINEZ-FERRO (Argentina)

17:25 – 17:45

Innovation in Pectus Excavatum: The traction technique.

Pr. Carlos BARDAJI (Spain)

17: 45 – 18: 00

Biomechanical properties on chest wall deformities

Pr. Frank-Martin HAECKER (Switzerland)

“5 min Q&A ”

18:05-18:25

SESSION THREE

Innovation on Chest wall Deformities by our Sponsor

Moderators: Pr. Donald NUSS - Pr. Carlos BARDAJI

18:05-18:15

**"Pectus assessment and follow-up analysis from 3D
torso shape" Mr. Alith Hoang - Jean-Loïc Rose**

Société Lecante (Lyon-France)

18:15-18:25

Biomechanics of thoracic implants

Marine MUGNIER – Oscar RAMIREZ – Nicole LEVY

Société Medicalex (Paris-France)

19:00

GALA DINNER

Place: Mine Museum Park

At the *Grand lavabo* (the big sink) also called the *Hangmen Room*.



“ Free shuttle is available between Conference hall and Mine Museum Park

Mine Museum Park and Hôtel du Golf

History of CWIG (Chest Wall International Group)

Pr. Mustafa YUKSEL (TURKEY)

And our President

Pr. Robert KELLY (USA)

President of CWIG



19:00

GALA DINNER

Place: CHATEAU COLCOMBET
SAINT-GENEST-LERPT



“ Free shuttle is available between Conference hall and CHATEAU COLCOMBET and CHATEAU COLCOMBET and Hôtel du Golf”

History of CWIG (Chest Wall International Group)

Pr. Mustafa YUKSEL (TURKEY)

And our President

Pr. Robert KELLY (USA)

President of CWIG



3rd Workshop on Chest Wall Deformities

FRIDAY, OCTOBER 02 2015
PECTUS CARINATUM

CONFERENCE ROOM
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CAMPUS SANTE INNOVATIONS
Medicine School of Saint Etienne
« UNIVERSITE JEAN MONNET »
Hôpital Nord
Centre Hospitalier Universitaire
CHU- Saint Etienne
Avenue Albert Raimond 42277
Saint Priest en Jarez

Free Wifi zone is available during the Workshop

“ Free shuttle is available between Hotel du Golf and Hospital”

07:30 - 08:00

BREAKFAST

08:00 - 13:00

“LIVE SURGERIES”

Tele-conference from OR to Auditorium

Moderators:

Auditorium Pr. Hans PILEGAARD (Denmark)/Pr. Robert KELLY (USA)

OR: Pr. Marcelo MARTINEZ-FERRO

CASE 1

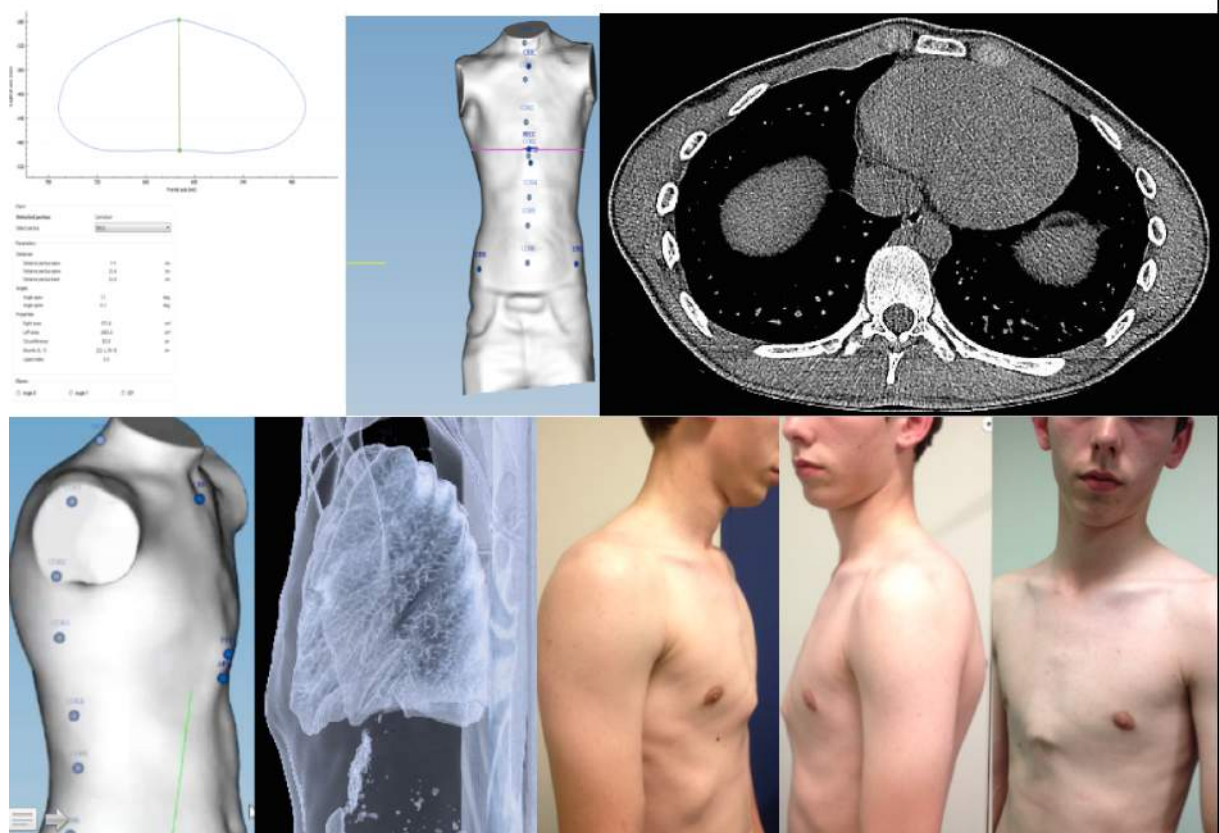
08:00

Male 17 years old

SYMMETRIC PECTUS CARINATUM

Abramson technique

Pr. Mustafa YUKSEL (Turkey)- Pr. Olivier TIFFET



At the end of First case

Conference from OR

10:00 – 10:15

Tips and Tricks in PC surgery. In my Perspective

Pr. Mustafa YUKSEL (Turkey).

CASE 2

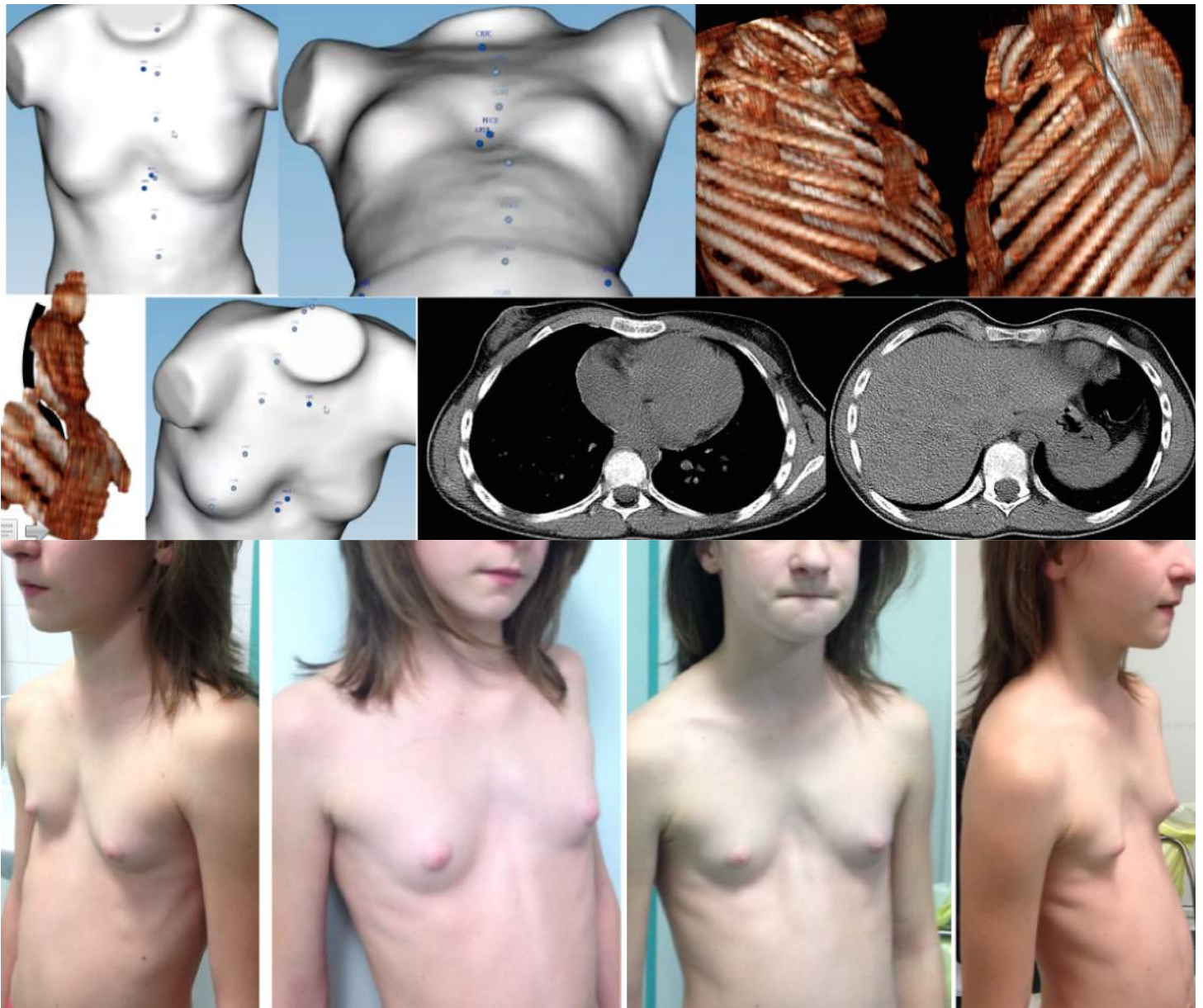
09:00

Female 13 years old

CURRARINO SILVERMAN (ARCUATUM)

Ravitch procedure

Pr. Jose RIBAS MILANEZ DE CAMPOS (Brazil) - Manuel LOPEZ



10:30

COFFEE BREAK & EXHIBITION



CASE 3

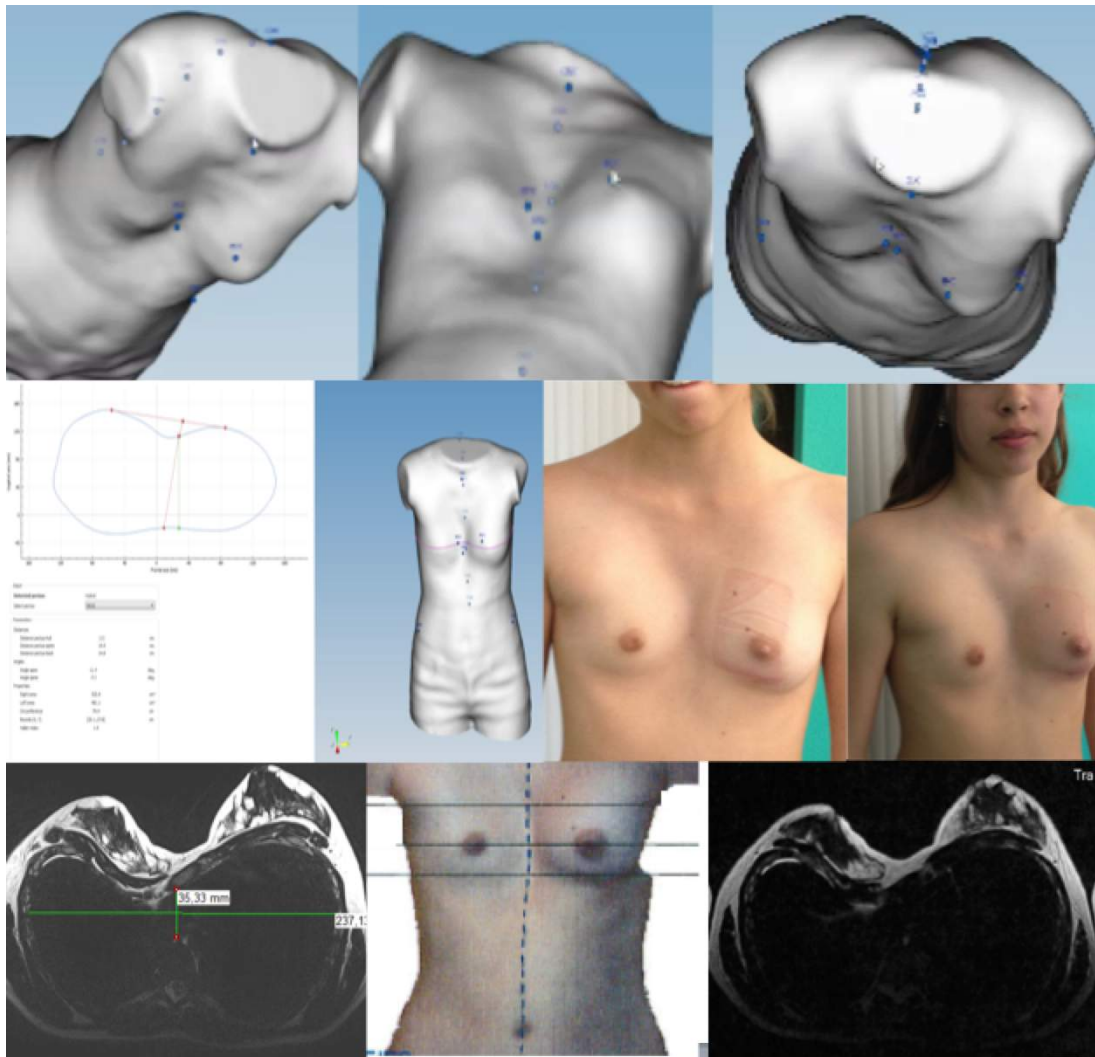
FEMALE 14 YEARS OLD

10:30

HYBRID FORM.

Park technique

Pr. Hyung Joo PARK (Korea) - Olivier TIFFET



13:00-14:30

LUNCH BREAK & EXHIBITION

CONFERENCES

14:30 - 15:05

SESSION FOUR

MARFAN AND OTHERS DISORDERS

Moderator: Pr. Hyung Joo PARK (Korea) – Pr. Robert KELLY (USA)

**14:30 - 14:50 Essential about Marfan' Syndrome for a Chest Wall Surgeons
Pr. Guillaume JONDEAU (Cardiologist- Paris)**

**14:50 - 15:05 Concomitant procedures: Pectus & Cardiac surgery
Pr. Jean-Marie WIHLM (Paris)**

SESSION FIVE

15:05 – 15:50

PHYSIO-PATHOLOGY

Moderator: Pr. Hyung Joo PARK (Korea) – Pr. Robert KELLY (USA)

**15:05-15:20 Cardio- Pulmonary function evaluation- Danish Experience
Pr. Hans PILEGAARD (Denmark)**

**15:20 – 15:35 Cardiopulmonary Function Before and After Repair
Pr. Donald NUSS (USA)**

15:35 -15:50 Non invasive hemodynamic evaluation in Pectus Excavatum

Saint Etienne & Clermont Ferrand experience

Pr. Frederic COSTES (Saint Etienne- Clermont Ferrand)

15:50-16:45

PECTUS CARINATUM

**15:50-16:10 Overview of Pectus Carinatum
Pr. Robert KELLY (USA)**

**16:10 – 16:25 Dynamic Compression system. Amsterdam experience.
Pr. Sjoerd De BEER (Holland)**

**16:25 – 16:45 Update, Tips and Tricks for the indication and use of the FMF
Dynamic Compressor System
Pr. Marcelo MARTINEZ-FERRO (Argentina)**

16:45-17:10

COFFEE BREAK & EXHIBITION



17:10 -18:10

**SESSION SIX
ATYPICAL FORMS**

**Moderator: Pr. Marcelo MARTINEZ-FERRO (Argentina) – Pr. Jose RIBAS
MILANEZ DE CAMPOS (Brazil)**

17:10 - 17:30

**Currarino Silverman Syndrome. New trends
Pr. Jose RIBAS MILANEZ DE CAMPOS (Brazil)**

**17:30 - 17: 50 Repairs of PC and Variants: the sandwich and magic string
Pr. Hyung Joo PARK (Korea)**

**17:50- 18-10 Sandwich technique in the asymmetric Pectus Carinatum.
New technique.
Pr. Mustafa YUKSEL (TURKEY)**

“ 5 min Q&A”

18:15

CLOSING & REMARKS

18:15-18:25

Pr. Donald NUSS (USA)

18:25-18:30

Manuel LOPEZ & Olivier TIFFET

19:30

“FACULTY DINNER”



Traitements des déformations de la paroi thoracique antérieure
Treatments of the anterior thoracic wall deformations
Tratamientos de las deformaciones de la pared torácica anterior

• Pr. Borrelly



• Pectus Excavatum



• Vacuum Bell



• Pr. Wurtz



• Pectus Carinatum



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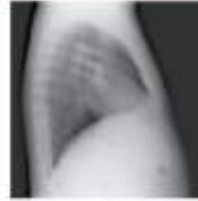


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Pectus Excavatum



Osteosynthesis / Reconstruction



Pectus Carinatum



Pr. Wurtz



Vacuum bell



Pr. Borrelly



Conception et fabrication.
Design, manufacturing.

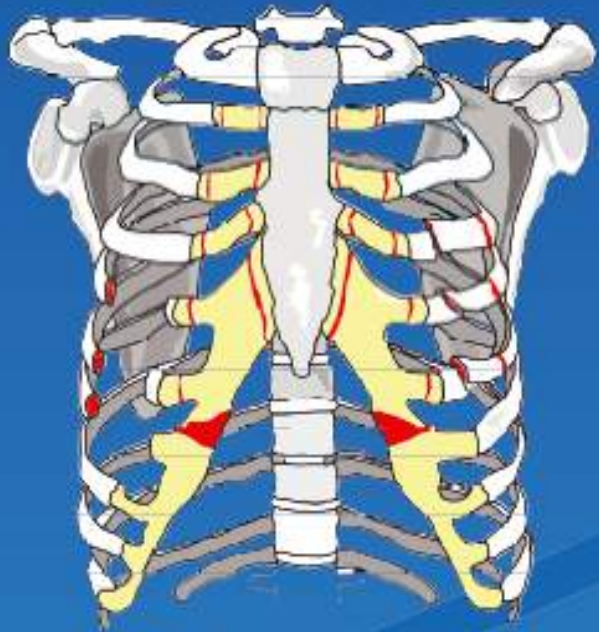
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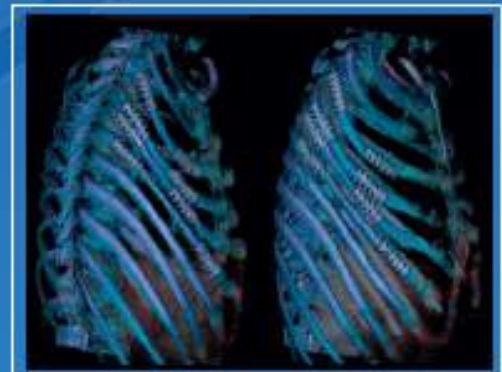
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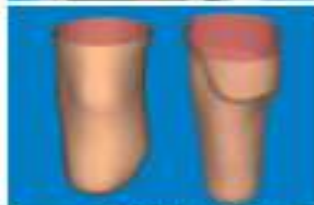
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