

# **CHEST WALL INTERNATIONAL GROUP**

## **16<sup>TH</sup> CWIG MEETING**

**13 – 15 May 2015 – Hong Kong**

Dear Colleagues,

The 16th CWIG Meeting was held successfully on May 13-15th, 2015 at the Hong Kong. It has been a joint meeting with 23rd Annual Meeting of the Asian Society for Cardiovascular and Thoracic Surgery. Live surgeries was performed at Queen Elizabeth Hospital and lectures were presented at Hong Kong Convention Center.

The Meeting was organized by Dr. Cheuk-kin Lo and congenital chest wall deformities were discussed and debated on the basis of diagnosis and treatment, by the participation of 120 surgeons from around the world.

The workshop started on Wednesday morning on 13th May 2015 with Wellcome Adress of local organizing Commitee Chair Dr. Cheuk-kin Lo followed by Dr.Mustafa Yuksel's presentation about CWIG history.



Dr. Yuksel presenting CWIG History at the opening session

Topic of the second session was "Pectus Excavatum- Perspectives" which was moderated by Dr. KY Wong and Dr. Anthony Yim from Hong Kong. The pioneer of minimally invasive repair of pectus deformities, Dr. Donald Nuss, gave a speech about pectus excavatum repair from pediatric surgeon perspective. Following speakers were Dr. Pilegard and Dr. Schwabegger giving their speeches about pectus excavatum repair from cardiothoracic and plastic surgeon perspectives respectively.

Following the Coffee Break, third session of the day, moderated by Dr. Liu and Dr. Mou from Hong Kong started with the speech of Dr. Kelly on "Chest Wall motion capture after pectus excavatum repair". The next speaker was Dr. Su presented session about cardiac MRI results of pectus excavatum patients. After this presentation Pectus Excavatum Classification was presented by Dr. Park. After this didactic presentation, Dr. Wu mentioned about metal allergy in those patients and immunologic definition of it. Dr. Pilegard presented his experience on cardiopulmonary function evaluation after the surgery.

After the lunch; “Pectus Excavatum- Selection “ session was held, being moderated by Dr.KY Hsin and Dr.Silhoe. Dr. Messineo gave his speech on application of regenerative surgery in patients with pectus excavatum., followed by Dr. Haecker speaking on patient selection for Vacuum bell therapy. The following speaker was Dr.Park and gave a speech about ideal age for pectus excavatum repair. The last speaker of the session was Dr. De Campos and he gave a speech on our targets and follow protocol.

Following the Coffee Break; “Pectus Excavatum repairs in China” session which is moderated by Dr.Lan and Dr.Chung started. Dr.Qi Zeng presented his experience on pectus surgery. Followed by Dr.Chu gave a speech about 10 year experience of Nuss Procedure in Taiwan. Dr. Li presented his experience on pectus surgery. The following speaker was Dr.Di Ge and gave a speech on Shanghai Experience of Pectus surgery. Last speaker of the day was Dr.Li presented a new pectus bar design from China...

The opening reception was held at Hong Kong Congress Center of Hong Kong where everyone enjoyed a warm welcome along with the delicious cocktails.

In the second day, the first session started with the “ Pectus Carinatum” session which is moderated by Dr Chao and Dr.Lo. It started with Dr.Abramson giving speech about Abramson Technique. Followed by Dr. Ferro presenting his experience on dynamic compression therapy on Pectus Carinatum patients. The next speaker was Dr.Park who gave a speech on repair of pectus carinatum and variants. Dr. Schwabegger presented Innsbruck experience on pectus carinatum. Last Speaker of the session was Dr.Yuksel giving a speech about complications from minimally invasive surgery for pectus carinatum.

After Coffee Break; “Pectus Excavatum repair- Technical considerations 1 session which was moderated by Dr. Wong and Dr.Silhoe. Dr.Hebra presented pitfalls in MIRPE to

avoid complications. Second speaker was Dr. De Campos giving a speech about technical modification for difficult cases . Dr.Uemura gave a speech about sternal elevation and bilateral thoracoscopic approach. Last speaker of the session was Dr.Kuzmichev giving a speech about complications from removal of pectus bars and early removal due to complications.

After the Lunch; the first session was moderated by Dr.Chiu and Dr.Ho. Dr.Wihlm presented concomitant procedure for those with cardiac surgical diseases lecture. Dr. Tang gave a speech about MIRPE for those with previous cardiac surgery in children. Followed by Dr.Lee giving a speech about MIRPE for the patients who had been previously operated for pectus deformity.

After the Coffee Break; “Acquired Chest Wall Disease “ session was started which was moderated by Dr. Ma and Dr. Wan. Dr. Lequaglie presented his experience on chest Wall resection and reconstruction for malignancy. Dr.Wihlm gave a speech about different synthetic material options for chest Wall reconstruction. The last speaker of the session was Dr.Khan giving a speech on surgical management of chronic chest Wall discharging sinus.

The last session of the day and the meeting was free paper presentations which was moderated by Dr.Ng and Dr.Thung. 7 studies were presented from different clinics around the World.



New President Dr.Kelly enjoyed the Gala Dinner at the boat tour

Gala Dinner was held at a very romantic boat roaming around Victoria Harbour. The participants spent very nice time in this fascinating environment, enjoyed the good food and wine.



The new EC member Dr.Schewitz from South Africa at the boat tour

The the last day of the meeting on 15th of May Friday started with “Live Surgeries” from Queen Elizabeth Hosital that the participants were able to watch from the auditorium, at the session which was moderated by Dr. Marcelo Ferro and Dr.Hebra in the OR, and by Dr. Jose Ribas Milanez de Campos and Dr. Hyung Joo Park in the auditorium.



One of the patients with pectus excavatum deformity was operated on by Dr. Park and the other one by Dr.Zeng , and the pectus carinatum patient was operated on again by Dr.Zeng.

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### 15th May 2015 Friday in QEH

#### Session Eleven(130 min): Pectus excavatum surgery (live surgery demonstration)

Moderators (Venue): Prof. Jose Ribas Milanez de Campos / Dr. K.H Thung  
Moderators (OT room): Prof. Marcelo Martinez-Ferro / Dr. Tong Zhu

09:00-10:00	60 min	Beijing Children Hospital technique <i>(Supported by Biomet &amp; Olympus)</i>	Prof. Qi Zeng/ Dr. Cheng Hao Chen (China)
10:00-11:00	60 min	Seoul St. Mary Hospital technique <i>(Supported by Prime med)</i>	Prof. Hyung Joo Park/ Prof. Kyung Soo Kim (Korea)
11:00-11:10	10 min	Discussion	

**Coffee break** *(Sponsored by Olympus)*

#### Session Twelve(60 min): Pectus carinatum surgery (live surgery demonstration)

Moderators (Venue): Prof. Calvin SH Ng / Dr. Michael WY Leung  
Moderators (OT room): Prof. Andre Hebra / Dr. Tong Zhu

11:40-12:40	60 min	Beijing Children Hospital technique <i>(Supported by Biomet)</i>	Prof. Qi Zeng/ Dr. Cheng Hao Chen (China)
12:40-13:00	20 min	Discussion and Closing	



The operations were completed successfully which had been interactively contributed by the participants as well.



The Meeting, which had been held in high academic level and included complex academic debates, came to an end with the Closing Remarks of Dr.Lo



CWIG EC members are discussing about" CWIG FUTURE"



The Executive Committee Meeting of CWIG was also held in Hong Kong, during the 16th CWIG Meeting, and it was announced Dr.Robert Kelly as a the new President of CWIG and executive committee was expanded by 4 new members ( Dr.Schewitz -South Africa, Dr.Khan-India, Dr.Lopez-France, Dr.Chu-Taiwan) without any objection. It was declared that the next CWIG Meeting will be held in Norfolk, USA in 2017. All the participants were invited for this appointment.



CWIG Executive Committee Members with Honorary President Dr.Nuss

In addition, we sincerely thank to everyone who had taken part in any aspect of this workshop and to the sponsoring companies.



**Special Thanks to Burcu and Leonard from TOPKON for helping us in the road for being a Society**

Hope to see you in the next CWIG meeting

Sincerely Yours

Prof.Mustafa Yuksel M.D

Secretary of CWIG EC