11th International Biennial Conference

Cardiothoracic Surgery
2020 and Beyond

6-8 December 2019

Pakistan Society of Cardiovascular and Thoracic Surgeons
in partnership with Aga Khan University

Venue: Aga Khan University
T. 021 3486 4708 | 021 3486 4374
www.aku.edu/pscvts19 | cardiothoracic@aku.edu
### Pre-Conference Workshops

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Venue</th>
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<tbody>
<tr>
<td>08:00am - 09:00am</td>
<td>Registration</td>
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<tr>
<td>09:30am - 12:30pm</td>
<td>Workshop 1 - Aortic annular enlargement</td>
<td>Anatomy and Surgery Learning Studio (ASLS)</td>
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<tr>
<td>09:30am - 12:30pm</td>
<td>Workshop 2 - Cardiac Surgery advanced life support (CALS)</td>
<td>Centre for Innovation in Medical Education (CIME)</td>
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<tr>
<td>01:30pm - 04:30pm</td>
<td>Workshop 3 - Aortic annular enlargement</td>
<td>Anatomy and Surgery Learning Studio (ASLS)</td>
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<tr>
<td>01:30pm - 04:30pm</td>
<td>Workshop 4 - Catheter skills for cardiac surgeons</td>
<td>Centre for Innovation in Medical Education (CIME)</td>
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### Inauguration Ceremony | AKU Auditorium

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>04:30pm - 04:45pm</td>
<td>Guests to be seated</td>
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<tr>
<td>05:00pm - 05:05pm</td>
<td>Recitation from Holy Quran</td>
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<tr>
<td>05:05pm - 05:10pm</td>
<td>National Anthem</td>
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<tr>
<td>05:10pm - 05:15pm</td>
<td>Introduction, Welcome address by Convener</td>
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<tr>
<td></td>
<td><strong>Prof. Hasanat Sharif</strong></td>
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<tr>
<td>05:15pm - 05:25pm</td>
<td>Address by President – PSCVTS</td>
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<td><strong>Prof. Haider Zaman</strong></td>
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<tr>
<td>05:25pm - 05:35pm</td>
<td>Remarks by Vice Dean – Medical College, AKU</td>
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<td><strong>Prof. Mushtaq Ahmed</strong></td>
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<td>05:35pm - 05:45pm</td>
<td>Address by Chief Guest</td>
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<td><strong>Prof. Atta-ur-Rahman, FRS, NI, HI, SI, TI</strong></td>
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<tr>
<td>05:45pm - 05:55pm</td>
<td>Address by Guest of Honor</td>
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<tr>
<td>05:55pm - 06:00pm</td>
<td>Vote of Thanks by Section Head, Cardiotoracic Surgery</td>
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<td><strong>Dr. Mahim Malik</strong></td>
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<td>06:00pm</td>
<td>Poster &amp; Industry Exhibition</td>
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<tr>
<td>07:00pm</td>
<td>Dinner at Male Hostel Lawn (by invitation only)</td>
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Pakistan Society of Cardiovascular and Thoracic Surgeons
11th Biennial Conference: Cardiothoracic surgery 2020 and beyond

Day 1 | Saturday December 7, 2019
Venue: AKU Auditorium

08:00am  Registration
AKU Auditorium

Moderator: Hasanat Sharif

Panelists Mohammad Aftab, Mustafa Guden, Haider Zaman

12 minutes Presentation & 3 minutes Questions Answers for every presentation.

09:00am - 10:30am  Plenary Session 1

09:00am - 09:15am  Non communicable diseases (NCD) burden, risk factors and outcome in Pakistan Mohammad Wasay

09:15am - 09:30am  Hybrid Operating Room: The future of cardiac surgery is here General Afsheen

09:30am - 09:45am  Building high performance teams and conflict resolution in operating rooms Ghulam Abbas

09:45am - 10:00am  Developing an Advanced Practice nursing program in Pakistan Sulaiman Hassan

10:00am - 10:15am  Pakistani Carpentier: Tribute to our own legend Asjad Khan

10:15am - 10:30am  20,000 patient data: What do we know about cardiac surgery in Pakistan? Anjum Jalal

10:30am  Running Tea
Moderator: **Mahim Malik**

Panelists: **Qamar Abid, Ghulam Abbas, Riaz Anwer Khan**

10:30am - 11:00am Plenary session 2

Keynote speech **Mike McMullan**

11:00am - 01:00pm Debates

11:00am - 12:00pm MICS / OHS

For MICS **Sulaiman Hassan** 15/5mts
For Conventional OHS **Azam Jan** 15/5mts

Panelists:

Panel 1: (**Pervaiz Chaudhary, Ahson Memon, Tayyab Pasha** 5mts)

Panel 2: (**Anjum Jalal, Khalid Rasheed, Shahid Sami** 5mts)

Audience Q&A 10mts

12:00pm - 01:00pm TAVR/SAVR

For TAVR **M. Aftab** 15/5mts
For SAVR **M. Tariq** 15/5mts

Panelists:

Panel 1: (**Mohammad Waseem, Saulat Fatimi, Zafar Tufail** 5mts)

Panel 2: (**Rizwan Memon, Ghufranullah Khan, Mudassar Dar** 5mts)

Audience Q&A 10 mts

01:00pm - 01:30 pm Prayer Break and Lunch at Male Hostel Lawn

1:00pm - 02:00pm Women in Surgery

Moderator: **Mahim Malik**

(Conference Office Building (FOB), Conference Room Ground Floor)
Poster Judgment and Evaluation

Panel of Judges for Posters

Moderator: Shiraz Hashmi
1. Mohammad Aftab / Ghulam Abbas
2. Saeed Ashraf / Selim Isbir
3. Qamar Abid / Gopal Bhatnagar
4. Mustafa Guden / Sulaiman Hassan
5. Mike Macullum / Rozmeen Shivji
6. Khalid Nuri / Sulaiman Hassan

Adult Heart Surgery
Venue: AKU Auditorium
02:00pm - 04:00pm

Moderator Saulat Fatimi
Panelists: Selim Isbir, Saeed Ashraf, Tauqeer Akbar

8 minutes Presentation & 2 minutes Questions Answers for every presentation

02:00pm - 03:10pm Coronary artery Disease and Heart Failure
02:00pm - 02:10pm Total arterial revascularization: The inconvenient truth
              Faiza Shafqat / Shafqat Hasan
02:10pm - 02:20pm Integrating radial artery harvest into revascularization
              Saulat Fatimi / Mohammad Bin Pervez
02:20pm - 02:30pm Off pump coronary revascularization
               Mariam Sarfaraz
02:30pm - 02:40pm Effect of ejection fraction on mortality in CABG patients
               Nabil Iftikhar Awan
02:40pm - 02:50pm Outcome of long segmental reconstruction of LAD
               Faiq Ahmed Khan
02:50pm - 03:00pm ECMO past/present and future
               Yasir Naseem / Mishal Iqbal
03:00pm - 03:10pm Cardiac regeneration
               Satwat Hashmi
Moderator: Shahid Sami

Panelists: Sulaiman Hassan, Gopal Bhatnagar, Fazli Rabi

8 minutes Presentation & 2 minutes Questions Answers for every presentation

03:10pm - 05:00pm Structural Heart Disease and Diseases of Aorta

03:10pm - 03:20pm Minimally Invasive Mitral Valve Repair Mustafa Guden

03:20pm - 03:30pm Can you teach “old doc” new tricks? Raja Parwez

03:30pm - 03:40pm Aortic valve repair Gopal Bhatnagar

03:40pm - 03:50pm Aortic stenosis: Future of surgical AVR Selim Isbir

03:50pm - 04:00pm Should we be doing open heart surgery in octogenarian Qamar Abid / Bazegha Qamar

04:00pm - 04:10pm Outcome of mitral valve repair at PIC Lahore Aftab Younus / Amna Abbas

04:10pm - 04:20pm Early outcomes in MVR by different techniques Mohammad Ashfaq

04:20pm - 04:30pm Microbiological and clinical profile of endocarditis patients Uzma Shahid

04:30pm - 04:40pm An appraisal of de Vega annuloplasty in functional TR Yasir Javed

04:40pm - 04:50pm Use of intravascular ultrasound for management of acute type A dissection Ghincea. Christian / M. Aftab

04:50pm-05:00pm Contemporary experience using hemiarch technique for repair of Acute type A dissection Ghincea. Christian/ M. Aftab

05:00pm Tea
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
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<tbody>
<tr>
<td>02:00pm - 05:00pm</td>
<td>Congenital Heart Surgery</td>
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<tr>
<td>Moderator:</td>
<td>Mahim Malik</td>
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<tr>
<td>Panelists:</td>
<td>Mike McMullan, Khalid Nuri, Asim Khan</td>
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<tr>
<td>02:00pm - 02:10pm</td>
<td>Introduction of panelists and welcome address</td>
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<td>02:10pm - 02:25pm</td>
<td>HRQOL in adult TOF patients’ Maha Inam</td>
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<td>02:25pm - 02:45pm</td>
<td>Minimally invasive paediatric cardiac surgery Mubashir Khan</td>
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<td>02:45pm - 03:00pm</td>
<td>Echo diagnosis of complex cardiac lesions Shazia Mohsin</td>
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<tr>
<td>Invited Talks / Q&amp;A session</td>
<td>TBD Muhammad Khalid Nuri</td>
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<td>03:00pm - 03:30pm</td>
<td>ALCAPA Asim Khan</td>
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<td>03:30pm - 04:00pm</td>
<td>Single Stage Fontan Procedures Muneer Amanullah</td>
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<td>04:00pm - 04:30pm</td>
<td>HRQOL in CHD Patients Laila Ladak</td>
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<td>04:30pm - 05:00pm</td>
<td>Tea</td>
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Venue: Anatomy and Surgery Learning Studio (ASLS)

11th International Biennial Conference: PSCVTS 2019
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter/s</th>
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<tbody>
<tr>
<td>02:00pm</td>
<td>Introduction of panelists and welcome address</td>
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<tr>
<td>02:05pm</td>
<td>Tracheal resection and reconstruction: Nishtar experience of 72 cases</td>
<td>Muhammad Kaleem Ullah</td>
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<tr>
<td>02:35pm</td>
<td>Surgery for Pulmonary Mycetoma – An experience of 819 cases in 16 years</td>
<td>Amer Bilal/ Mohammad Imran</td>
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<td>02:50pm</td>
<td>Comparative study of video-assisted thoracoscopic surgery versus open</td>
<td>Muhammad Arsalan</td>
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<tr>
<td>03:05pm</td>
<td>Early experience of Transaxillary first rib / Cervical rib resection</td>
<td>Syed Zahid Ali Shah</td>
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<td>03:25pm</td>
<td>Benign/infectious diseases</td>
<td>Mohammad Irfan</td>
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<tr>
<td>03:45pm</td>
<td>Malignant diseases</td>
<td>Adnan Jabbar</td>
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<tr>
<td>04:05pm</td>
<td>Pulmonary segmentectomy</td>
<td>Ghulam Abbas</td>
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<td>04:25pm</td>
<td>Lung Cancer</td>
<td>Masooma Aqeel</td>
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<tr>
<td>04:45pm</td>
<td>Trauma</td>
<td>Amer Bilal / M. Imran</td>
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<tr>
<td>05:00pm</td>
<td>Close / Vote of thanks</td>
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<td>Tea</td>
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Perfusion

Venue: Lecture Hall 3

02-00pm - 05:00pm

Recitation from Holy Quran

02-00pm - 02-05pm

Welcome address by Abid Hussain

Moderator: Abid Hussain

Panelist: Mohammad Hafeez, Orangzaib Khan
Mohammad Aqeel, Zahid Jafery

“START SCIENTIFIC SESSION ORAL PAPER”

Presentations:

Note: Three minutes Questions Answers for every presentation.

02-10pm - 02-20pm Cardiopulmonary bypass in pregnancy and safe perfusion strategy Abid Hussain

02-20pm - 02-30pm Cardiopulmonary bypass vs extra corporeal membranes oxygenation Ijaz Hidayat

02-30pm - 02-40pm Report from AMSECT’s Standards operating procedures and guidelines for perfusion practice. Hatim Haider Ali

02-40pm - 02-50pm Recent innovations in perfusion and cardiopulmonary bypass for neonatal and infant cardiac surgery. M. Zaman

02-50pm - 03-00pm What have we learned about perfusion strategies in minimally invasive cardiac surgery? Amir Siddiqui

03-00pm - 03-10pm Coagulation in patients receiving cell salvaged blood. Urooj Bilal

03-20pm - 04-00pm Expert Panel Discussion on (Coming era in perfusion technology and how to advance perfusion practices to improve out comes)

Moderator: Abid Hussain

Panelists: Ijaz Hidayat, Azhar Iqbal, Asif Mushtaq, Zahid Hussain
“START SCIENTIFIC SESSION ORAL PAPER”

Moderator: Abid Hussain

Panelists: Mohammad Arif, Hidayat-ullah, Mohammad Yasir

04:00pm - 04:10pm Minimally invasive extra corporeal circulation.
Waqar Ahmed

04:10pm - 04:20pm Use of Modified Del Nido Cardioplegia for Cardiac Surgery at Rawalpindi Institute. Sanwal Mahmood

04:20pm - 04:30pm Perfusion related issues in pediatric cardiac surgery & retrospective review of neurologic outcomes with cardiopulmonary bypass. Azhar Iqbal

04:30pm - 04:40pm Antigrade and retrograde cerebral perfusion strategies to establish cerebral protection in pediatric open heart surgery.
Saba Rafique

04:40pm - 04:50pm Cardiac Surgery without Perioperative Blood Transfusion. Is it safe and possible?
Adnan Haider

05:00pm Concluding Remarks by Abid Hussain

Lecture Hall # 3
05:00pm Perfusionist Society Meeting

AKU Auditorium
05:00pm Meeting of Pakistan Society of Cardiovascular and Thoracic Surgeons

Lecture Hall # 2
05:00pm Meeting Resident’s Forum

AKU Sports and Rehabilitation Center
07:00pm Gala Dinner (by invitation only)
Pakistan Society of Cardiovascular and Thoracic Surgeons
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Day 2 | Sunday December 8, 2019
Venue: Center for innovation in Medical Education (CIME)

08:00am - 09:00am  Breakfast with mentors (CIME Courtyard)

Cardiac anesthesiology, critical care nursing, quality assurance, nutrition, blood bank, pharmacy and rehabilitation

Moderator: Syed Shahabuddin

Panelists
Saeed Ashraf, Azar Hussain, Asif Ali Khan

09:00am - 09:20am  Are we in need of National Cardiac Surgery Registry?
Imran Ali / Ghufranullah Khan

09:20am - 09:40am  Factors associated with Intra-Aortic Balloon Pump in CABG Nabil Iftikhar

09:40am - 10:00am  Association of Neutrophil-to-lymphocyte ratio and Platelet-to-lymphocyte ratio with early outcomes of Coronary Artery Bypass graft Surgery at a tertiary care hospital Sara Iqbal

10:00am - 10:20am  Utilization and clinical outcomes of Non-invasive ventilation-NIV (BiPAP) in Post-Cardiac Surgery at a Tertiary Care Hospital in Karachi Anam Hakim

10:20am - 10:40am  Growth and Impact of Advanced Practice Nurses Rozmin Shivji

10:40am - 11:00am  Standardizing Intra Operative Patients safety Munira Amin

11:00am  Running Tea
Cardiac Surgical education, training and evaluation

Moderator: Syed Shahabuddin

Panelists Qamar Abid, Fazali Rabbi, Zulfiqar Haider

11:00am - 11:15am Exploring new horizons in cardiac surgical incision management Eesha Hassan

11:15am - 11:30am Cardiac Rehab Neelam Noor

11:30am - 11:45am Wetlab and objective assessment of technical aspects S. Shahabuddin

11:45am - 12:00pm Simulation and simulators AI and machine learning Hasanat Sharif

12:00pm - 01:00pm Tour of CIME

01:00pm Closing Remarks, conference/sessions evaluations and CME certificate collection

01:15pm Namaz and Lunch (CIME Courtyard)

End of Conference