



Cardiac Sciences

Research Day 2019



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Cardiac Sciences Auditorium

3rd Floor, Advanced Cardiac Imaging Building

King Abdulaziz Cardiac Center

Tuesday, 19 February 2019, from 0730H to 1700H

Program



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0745 0800

Registration

0800 0815

Welcome Address

Professor Mohamed Al-Moamary
Executive Director, Medical Services
KAMC– Riyadh

0815 0900

Keynote Speaker

Dr Ahmed Al Askar
Executive Director, King Abdullah International
Medical Research Center

0900 1015

Session I: Oral Presentation (Adult)

0900 Ms Jawaher Towhari (EP)

0915 Dr Mohamed Al Annany (Surgery)

0930 Dr Abdulwahab Hussain (Cath)

0945 Dr Turkeyah AlBacker (IM)

1000 Ms Ruba Alahaideb (Clinic)

1015 1030

Coffee / Tea Break



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Program



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1030 1215

Session II: Oral Presentation (Pediatrics)

1030 Ms Norah A Alsumih

1045 Dr Obayda Diraneyya

1100 Dr Ali Abdali

1115 Dr Dhafer Ali Alshahrani

1130 Dr Seham Osman Omer

1145 Dr Ghassan Shaath

1200 Dr Seham Osman Omer

1100 1200

Session III-A: Moderated Poster Presentation Posters 1 to 9 (Adult)

1215 1300

Prayer / Lunch Break



Program



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1300 1400

**Session III-B:
Moderated Poster Presentation**
Posters 10 to 18 (Adult)

1400 1600

**Session IV: Oral Presentation
(Adult)**

1400 Mr Fadi Obeid (Clinic)

1415 Dr Jabir Farea (Imaging)

1430 Ms Lama Alenazi (Echo)

1445 Dr Mohamed Al Annany (Surgery)

1500 Ms Ahad Aloayed (Echo)

1515 Dr Amal Alfarhan (IM)

1530 Dr Abdullah Shousha (Surgery)

1545 1615

Judges Deliberation for the Awards

1615 1700

Awards Ceremony



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Awards

Oral Awards (Adult Track)

1st Place Oral Presentation Award

2nd Place Oral Presentation Award

Oral Awards (Pediatric Track)

1st Place Oral Presentation Award

2nd Place Oral Presentation Award

Poster Presentation (Adult Track)

1st Place Poster Award

2nd Place Poster Award



Cardiac**S**ciences**R**esearch**D**ay**2019**



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Abstracts



Abstracts

Oral Presentation

- 1. Evaluation of the Diagnostic Accuracy of Smartphone Electrocardiogram Recorder Compared to Standard 12 lead Electrocardiography in Hospital settings**
Jawaher Towhari, Nazish Masud, Haitham Alanazi
- 2. Outcome after mitral valve repair for functional ischemic mitral regurgitation.**
Mohamed Al Annany, Rawdene Van Onselen, Abdullah Al Ghamdi, Ahmed A Arifi
- 3. Aortic Pulsatility, and Not Mean Arterial Pressure, is an Independent Determinant of Left Main Coronary Artery Disease**
Abdul Wahab Hussain, Mohammad Balghith, Kamal Ayoub, Fayaz Khan, Samir Al-Chaghouri, Fawaz AlMutairi, Ali Alghamdi, Azra Mahmud
- 4. Prevalence of Hyponatremia Among Patients Who Used Indapamide and Hydrochlorothiazide: A Single Center Retrospective Study**
M. Al Qahtani, T AlBacker, A Al Shahrani, A. Alskaini, N. Abukhalid, N. Al Johani, M. Al Ammari, L. Al Swaidan, S. Binsalih, A. Al Sayyari, A. Theaby
- 5. Prevalence and predictors of masked hypertension, white coat & non-dipping in an adult Middle-Eastern population**
Ruba Alahaideb, Sara Alhelabi, Mayar Abanumay, Amgad Alonazy, Haifa Alshammary, Afnan Alfawwaz, Azra Mahmud
- 6. Anticoagulation Variability as Predictor of Bleeding in Patients with Mechanical Heart Valves**
Fadi Obeid, Reem Sirryeh, Samia Refaeis, Iyad Farah, Samir Shnaikat, Azra Mahmud, Ahmed Alsailleek
- 7. Prognostic Value of Positive Vasodilator-induced ST Segment Changes and Normal 82Rubidium Myocardial Perfusion Imaging: The Added Value of Coronary Flow Reserve**
Jabir Farea, Mousa Alali Alfaris, Dalia Ahmed, Awadelkarin Elneama, Ihab Suliman, Mohsen Alharthi, Ahmed Alsailleek, Mouaz Al-Mallah, Ahmed Aljizeeri, Saba Al Subaie, Nora Alarjani, Hussein Aleissa, Clairenne Mojica





Abstracts

Oral Presentation

- 8. Cardiac Tamponade, Prevalence and Causes in the Adult Population at King Abdul-Aziz Medical City in Riyadh, Echocardiography-Based Study**
Lama Alenazi, Nawal Mofarreh, Latifah Alhumaidi, Shaykhah Almutlaq, Norah Alghazi, Mohammad AlGhamdi
- 9. Femoral Artery Minimal Access Approach in Trans-Catheter Aortic Valve Implantation: Impact on Vascular Complication**
Mohamed Al Annany, Mohamed Balghith, Ali Alghamdi, Kamal Ayoub, Ahmed A Arifi
- 10. Right ventricular involvement is associated with worse in-hospital outcomes among acute inferior wall myocardial infarction in Saudi population: A retrospective single center study**
Ahd Aloayed, Kholood Alqut, Dunya Almutairi, Munira Alqahtani, Areej Aljuhani, Amjad M Ahmed, Mohamed Alghamdi, Dalia Ahmed
- 11. Impact of DNR Order Placements on Patients Clinical Care**
Amal Alfarhan, Salem Baharoon, Abdulla Al Sayyari
- 12. Mitral Valve Repair and Mitral Valve Replacement with Total Chordal Preservation: Comparative evaluation of the left ventricular remodeling and function**
Abdullah Shousha, Ahmad Omran, Alla Mohamed, Rawdene van Onselen, Abdullah Al Ghamdi, Ahmed A Arifi



Abstracts Oral Presentation

- 1. 5-Year Survival, Performance and Neurodevelopmental Outcome of Children Post Cardiopulmonary Resuscitation After Cardiac Surgery**
Norah A Alsumih, Mohamed S Kabbani, Sarah A Alsadun, Hussam K Hamadah, Abdulraouf Jijeh
- 2. Behavior of residual gradient after aortic coarctation repair: A longitudinal data analysis**
Osama M. Eldadah, MD, Obayda M. Diraneyya, MD, Abda A. Hrfi, MD, Mohammad Hassan A. Mohammed, MD, Maria L. Valls, MD, Ahmad Al-Omrani, MD and Abdullah A. Alghamdi, MD
- 3. Activated clotting time (ACT) in children during cardiac catheterization with different heparin doses**
Mr. Ali Abdali, Mr. Ali Alshahrani, Mr. Faisal Alswaidan, Mr. Walead Almutairy, Mr. Mshari Alsaead, Mr. Fawaz Alawadh, Dr. Mohammed Hassan, Mr. Fahad Alanazi, Dr. Omar Altamimi
- 4. Left ventricular non-compaction (LVNC) in the setting of laterality defects (heterotaxy syndromes): Is there a specific association with left isomerism?**
Dhafer Ali F. Alshahrani, Hiba Saleh, Abdusselam M.A. Alsayad, Abdulraouf Jijeh, Jörg Männer, Talat Mesud Yelbuz
- 5. New predicting factors for early degenerative changes of right ventricle– pulmonary artery Contegra® conduit**
Seham Osman Omer, Mohammed Issa, Fahad Al Habshan, Ahmed Al-Omrani, Abdullah Al Ghamdi, Talat Mesud Yelbuz, Omar Tamimi
- 6. Stent or shunt - what could be better for children with duct dependent pulmonary circulation: a 10 years single center experience?**
Ghassan A. Shaath, Mohammed Alfararjeh, Mohammed Allugmani, Abdulraouf MZ. Jijeh, Fahad Alhabshan, Mansour Almutairi, Ahmed Alomrani, Omar Tamimi
- 7. Is transposition of the great arteries (TGA) associated with shortening of the intra-pericardial portions of the great arterial trunks?**
Seham Osman Omer, Fahad Al Habshan, Abdulraouf Jijeh, Natalia C. Caimbon, Carmelita C. Enriquez, Jörg Männer, Talat Mesud Yelbuz



Abstracts Poster Presentation

- 1. Left Ventricular Outflow Tract Velocity Time Integral Equalize The Left Ventricular Ejection Fraction Ability to Define Heart Failure Patients with Reduced and Mid-Range Ejection Fraction**
Rehab Saud Almutairi, Muna Omer Alsomali, Norah Khalid Al-khalifah, Raed Odeh, May Alkhateeb, Azhar Akhmimi, Amjad M. Ahmed, Abdelrahman Jamiel, Abedelmagid A. Mukhtar
- 2. Impact of lipid disorders on mortality among patients with heart failure.**
M. Al Qahtani, T. Al Backer, T Al Anazi, N. AlJohani, S. Binsalih, M. AlGobin, H. Al-Shammari
- 3. Characteristics of Saudi patients with congestive heart failure and adherence to management guidelines in a tertiary hospital in Riyadh, Saudi Arabia**
Mohammad Alqahtani, Thari Alanazi, Salih Binsalih, Najj Aljohani, Mohammed Alshammari, Ali Ashagag, Mohammed Abdullah, Sara Buabbas, Manar Abdulbaqia
- 4. Gender differences in the clinical characteristics of Saudi heart failure patients with subsequent stroke**
Mohammad Alqahtani, Ali AlKhtaami, Mohammed AlGobain, Najj Aljohani, Salih A. Bin Salih, Fatimah AlShalati, Thari Alanazi
- 5. Predicting Postoperative Atrial Fibrillation Using CHA2DS2-VASc score: A Retrospective Observational Study**
Dr. Abdullah AlJohani, Dr. Lama AlFehaid, Dr. Abdullah AlGhamdi, Dr. Hind Almodaimegh
- 6. The Incidence of Lethal arrhythmia and Sudden Cardiac Death in Non-Ischemic Cardiomyopathy Patients with Implantable Cardioverter Defibrillator or Cardiac Resynchronization Therapy Defibrillator In King Abdulaziz Cardiac Center, Riyadh**
Nuha Abdulaziz Al-Ajlan, Ashah Lail Al-Adwany, Elham Saleh Al-Zahrani, Amany Mohammed Al-Toies, Afnan Abdulrahman Al-Warthan, Abdulmohsen Al-Mosaad, Shireen Mohammed
- 7. The degree and determinants of physical activity improvement in patients after cardiac devices implantation, a 3-month-follow-up study at KAMC, Riyadh, KSA**
Sarah M. Alzahrani, MPH. Ahmed Alsaiieek, MD., Haitham Alenazi, MD. Ashraf El-Metwally, MD
- 8. Demographic Differences Between Genders In Heart Failure Clinic: Does Outcome Affected?**
May Al-Khateeb, Raed Odeh, Husam I. Ardah, Amjad M. Ahmed, Mukhtar Abdelmajed
- 9. Multifunctional Evaluation in Elderly Patients Hospitalized for Heart Disease.**
Attayeb Alameen, Amjad M. Ahmed, Iyad Farah, Mohammed Aziz.





Abstracts Poster Presentation

- 10. Blood Glucose Status Mediates Microvascular Dysfunction in Patients referred for Positron Emission Tomography**
Awadelkarin Elneama, Mousa Alali Alfaris, Dalia Ahmed, Jabir Farea, Ihab Suliman, Mohsen Alharthi, Amed Alsaileek, Mouaz Al-Mallah, Ahmed Aljizeeri, Saba Al Subaie, Nora Alarjani, Hussein Aleissa, Clairenne Mojica
- 11. Resistant hypertension- The Unconquered Frontier**
Haifa Alshammary, Afnan Alfawwaz, Ruba Alahaideb, Sara Alhelabi, Mayar Abanumay, Amgad Alonazy, Azra Mahmud
- 12. Central aortic pressures and aortic stiffness are related to left ventricular dysfunction- the double-edged sword?**
Shane'i Ali Mohammed Shane'i, Ali Alghamdi, Kamal Ayoub, Mohammad Balghith, Fayaz Khan, Amira Enezi, Bandar Al Haddadi, Hanan Al Shammmary, Majed Battah Al Shammmary, Azra Mahmud
- 13. Sex Differences In Invasive Measures Of Coronary Physiology In Patients Undergoing Cardiac Catheterization**
Mohammad Ali Abdullah Zayed, Mohammad Balghith, Kamal Ayoub, Amira Enezi, Ahmed Al-Saileek, Ali Alghamdi, Azra Mahmud
- 14. The relationship between tricuspid regurgitation and cardiac device lead in adult patients at King Abdulaziz Cardiac Center.**
Khawlah Abdulkareem, Shouq Bin Duhaim, Hind Alturiqui, Haya Alettel, Winnie Philip, Amjad Ahmed, Haitham Alanazi
- 15. A Retrospective Cohort Study to Evaluate Prolonged Mechanical Ventilation Related Risk Factors in Postoperative Cardiac Surgery Patients**
Dr. Abdullah Al Johani, Dr. Mohammed Al Zahrani, Dr. Abdullah A. Alghamdi, Dr. Hind AlModaimegh
- 16. The effect of anemia on the coronary microcirculation as measured by vasodilator stress Positron Emission Tomography**
Dikra al-Dobai, Ibrahim Alharbi, Mousa Alali Alfaris, Dalia Ahmed, Jabir Farea, Awadelkarin Elneama, Ihab Suliman, Mohsen Alharthi, Ahmed Alsaileek, Mouaz Al-Mallah, Ahmed Aljizeeri, Saba Al Subaie, Nora Alarjani, Hussein Aleissa, Clairenne Mojica
- 17. Blood Pressure Control, Life Style and Disease Awareness among Saudi Hypertensive Patients**
Huda Al Durahim, Abdulla Abdulaal, Abdulla Al Sayyari
- 18. Safety & Efficacy of Apixaban in Stroke Prevention for Cardiac Patients with Established Non-valvular Atrial Fibrillation**
Daliah Ali, Iyad Farah, Mohamed Abdulshafy, Alanoud Alsaud, Abdulmagid Mukhtar

