ABSTRACT LIST

25th International Symposium on Adult Congenital Heart Disease
‘Transforming ACHD Care’

June 3-6, 2015
Toronto, Ontario

www.TorontoACHDConference.ca
# TABLE OF CONTENT

## ISACHD Award Winners

<table>
<thead>
<tr>
<th>Award</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCA Investigator Award</td>
<td>1</td>
</tr>
<tr>
<td>Young Investigator Award</td>
<td>1</td>
</tr>
</tbody>
</table>

## ORAL PRESENTATIONS

<table>
<thead>
<tr>
<th>Date</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday</td>
<td>1</td>
</tr>
<tr>
<td>Friday</td>
<td>2</td>
</tr>
<tr>
<td>Saturday</td>
<td>2</td>
</tr>
</tbody>
</table>

## POSTER PRESENTATIONS

<table>
<thead>
<tr>
<th>Posters</th>
<th>Date</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1-20</td>
<td>Wednesday</td>
<td>2</td>
</tr>
<tr>
<td>#21-40</td>
<td>Thursday</td>
<td>5</td>
</tr>
<tr>
<td>#41-59</td>
<td>Friday</td>
<td>7</td>
</tr>
</tbody>
</table>
ISACHD INVESTIGATOR AWARD WINNERS

Friday June 5, 2015

5:10 – 5:25pm - Winner of the ISACHD CCA Investigator Award
ADULT CONGENITAL HEART DISEASE SURGERY IN THE DEVELOPING WORLD
Dorothy (Disty) Pearson; Curt Daniels; Kimberlee Gauvreau; Kathy Jenkins; Paul Khairy; Boston
Children’s Hospital, Bedford, United States

5:25 – 5:40pm - Winner of the ISACHD Young Investigator Award
GENOTYPE IMPACTS SURVIVAL IN MARFAN’S SYNDROME
Romy Franken; Maarten Groenink; Vivian de Waard; Helena MA Feenstra; Arthur J Scholte; Maarten P van den Berg; Gerard Pals; Aeilko Zwinderman; Janneke Timmermans; Barbara JM Mulder; AMC,
Department Cardiology, Amsterdam

ORAL PRESENTATIONS (listed by date of presentation)

Thursday June 4, 2015

9:20 – 9:30am
COMPARISON OF PERIOPERATIVE MANAGEMENT OF ANOMALOUS AORTIC ORIGIN OF A CORONARY ARTERY BETWEEN AN ADULT AND PEDIATRIC CARDIAC CENTER
Jeremy Herrmann; Leah Goldberg; Abigail Khan; Sara Partington; Julie Brothers; Christoper Mascio; Thomas Spray; Yuli Kim; Stephanie Fuller; University of Pennsylvania, Philadelphia, United States

9:30 – 9:40am
ADULT PRESENTATION OF ANOMALOUS CORONARY ARTERY ORIGIN FROM PULMONARY ARTERIES
Maryanne Caruana; Graham Stuart; Stephanie Curtis; Alessandra Frigiola; Natali Chung; Catherine Head; Lorna Swan; Konstantinos Dimopoulos; Mark Turner; Radwa Bedair; Bristol Heart Institute, University Hospitals Bristol NHS Foundation Trust, Bristol, United Kingdom

4:35 – 4:45pm
CORONARY ARTERY COMPLICATIONS FOLLOWING AORTIC ROOT REPLACEMENT IN MARFAN SYNDROME AND FAMILIAL AORTIC ANEURYSM PATIENTS ARE COMMON AND SUPPORT THE NEED FOR LONG-TERM SURVEILLANCE
Hema Krishna; Dominic Wiktor; Salil Ginde; Lindsey Katzmark; James Tweddell; Michael Mitchell; Michael Earing; Medical College of Wisconsin, Milwaukee, United States

4:45 – 4:55pm
BICUSPID AND UNICUSPID AORTIC VALVE: FATE OF MODERATE/SEVERE MIXED AORTIC VALVE DISEASE
Alexander Egbe; Joseph Poterucha; Carole Warnes; Division of Cardiovascular Diseases, Mayo Clinic, Rochester, USA
Friday June 5, 2015

9:20 – 9:30am
FUNCTIONAL PARAMETERS OR BIOMARKERS: WHICH BEST PREDICTS PROGNOSIS IN ADULTS WITH PULMONARY ARTERIAL HYPERTENSION DUE TO CONGENITAL HEART DISEASE?
Ilja Blok; Annelieke van Riel; Mark Schuuring; Rianne de Bruin-Bon; Arie van Dijk; Elke Hoendermis; Aeilko Zwinderman; Barbara Mulder; Berto Bouma; Academic Medical Center, Amsterdam, NL

9:30 – 9:40am
TREAT AND REPAIR STRATEGIES FOR ADULT PATIENTS WITH ATRIAL SEPTAL DEFECT AND SEVERE PULMONARY ATRIAL HYPERTENSION
TEIJI AKAGI; Yasufumi Kijima; Yoichi Takaya; Koji Nakagawa; Hiroshi Ito; Shunji Sano; Okayama University, Okayama, Japan

Saturday June 6, 2015

9:20 – 9:30am
ASSESSMENT OF PREVALENCE OF KIDNEY DISEASE IN THE ADULT FONTAN POPULATION
Dana Lee; Marla Kiess; Derek Human; Amanda Barlow; Shanta Chakrabarti; Jasmine Grewal; St.Paul’s Hospital, University of British Columbia, West Vancouver, Canada

9:30 – 9:40am
INCREASING BODY MASS INDEX IS ASSOCIATED WITH THE INCIDENCE OF TACHYARRHYTHMIA DURING FOLLOW-UP OF ADULTS WITH COMPLEX CONGENITAL HEART DISEASE
NORIHISA TOH; Ines Uribe Morales; Zakariya Albinmousa; Krishnakumar Nair; Rachel Wald; Andrew Crean; Alessia Di Carlo; S. Lucy Roche; The Toronto Congenital Cardiac Centre for Adults Peter Munk Cardiac Center, Toronto General Hospital, Toronto, Canada

POSTER PRESENTATIONS (listed by date of presentation)

Wednesday June 3, 2015

1. ADULT FONTAN PATIENTS AT THE JUNGFRAUJOCH - CARDIOPULMONARY ADAPTATION TO SHORT-TERM HIGH ALTITUDE EXPOSURE
Markus Schwerzmann; Roger Staempfli; Jean-Paul Schmid; Prisca Eser; Lukas Trachsel; Christina De Luigi; Kerstin Wustmann; Corina Thomet; Matthias Greutmann; Daniel Tobler; Matthias Wilhelm; University Hospital Inselspital, Center for Congenital Heart Disease, Bern, Switzerland

2. ABNORMAL SYSTOLIC MOTION OF THE MITRAL VALVE IN ADULTS WITH TETRALOGY OF FALLOT
Anushree Agarwal; Ian Harris; Vaikom Mahadevan; Elyse Foster; University of California San Francisco, San Francisco, USA
3. **FLUOROLESS CATHETER ABLATION OF INTRAATRIAL REENTRANT TACHYCARDIA STATUS POST FONTAN PROCEDURE**
   Mario Zambito; Bennett Samuel; Joseph Vettukattil; Christopher Ratnasamy; *College of Human Medicine, Michigan State University, Grand Rapids, United States*

4. **INCIDENCE AND SPECTRUM OF CLINICAL ARRHYTHMIAS IN ADULTS PATIENTS WITH CONGENITALLY CORRECTED TRANSPOSITION OF THE GREAT ARTERIES (CC-TGA)**
   Chenni Sriram; Shameer Ahmed; William Davidson; Mario Gonzalez; *Heart and Vascular Institute, Penn State Milton S Hershey Medical Center, Hershey, United States*

5. **HEMODYNAMIC EFFECTS OF PULMONARY VALVE REPLACEMENT AFTER REPAIR OF ISOLATED PULMONARY STENOSIS**
   Jouke Bokma; Michiel Winter; Maarten Groenink; Hubert Vliegen; Arie van Dijk; Folkert Meijboom; Els Pieper; Mark Hazekamp; Dave Koolbergen; Barbara Mulder; Berto Bouma; *Academic Medical Center, Amsterdam, NL*

6. **SURVIVAL AND OUTCOMES OF PATIENTS WITH UNOPERATED SINGLE VENTRICLE: A 30-YEAR CASE SERIES**
   Joseph Poterucha; Dennis Bierle; Paul Julsrud; Heidi Connolly; Nasar Ammash; Nandan Anavekar; Carole Warnes; *Mayo Clinic, Rochester, United States*

7. **NON-INVASIVE EDEMA INDEX ASSESSED BY BIOELECTRICAL IMPEDANCE SPECTROSCOPY CAN PREDICT CARDIAC EVENTS IN ADULTS WITH CONGENITAL HEART DISEASE**
   YUMI SHIINA; Naoto Kawamatsu; Takeaki Shirai; Koichiro Niwa; *Tokyo, Japan*

8. **ABNORMAL LUNG FUNCTION PREDICTS MORBIDITY AND MORTALITY IN ADULT PATIENTS WITH FONTAN PHYSIOLOGY**
   Matthew Buelow; Salil Ginde; Kate Cohen; Jennifer Dixon; Ruta Brazauskas; Scott Cohen; Michael Earing; *Medical College of Wisconsin, Children’s Hospital of Wisconsin, Milwaukee, United States*

9. **ABNORMAL LUNG FUNCTION PREDICTS MORBIDITY AND MORTALITY IN ADULTS PATIENTS WITH REPAIRED TETRALOGY OF FALLOT**
   Matthew Buelow; Salil Ginde; Kate Cohen; Jennifer Dixon; Ruta Brazauskas; Scott Cohen; Michael Earing; *Medical College of Wisconsin, Children’s Hospital of Wisconsin, Milwaukee, United States*

10. **LEFT VENTRICULAR MECHANICAL EFFICIENCY IMPROVES AFTER PULMONARY VALVE REPLACEMENT IN ADULT PATIENTS WITH TETRALOGY OF FALLOT**
    Kenichiro Yamamura; Ichiro Sakamoto; Eiji Morihana; Michinobu Nagao; Yoshihisa Tanoue; Toshiro Hara; *Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan*

11. **TETRALOGY OF FALLOT REPAIR WITH PULMONARY ANNULAR SPARING TECHNIQUE: AN EMERGING ADULT COHORT**
    Robin Ducas; Louise Harris; Rachel Wald; Camilla Kayedpour; Edward Hickey; Candice Silversides; *University of Toronto, Toronto, Canada*
12. OUTCOMES FOR SURGICAL REPAIR OF KOMMERELL DIVERTICULUM AND ANEURYSM
   Joseph Poterucha; Nandan Anavekar; Talha Niaz; Anu Agarwal; Naser Ammash; Joseph Dearani;
   Alberto Pochettino; Carole Warnes; Heidi Connolly; Mayo Clinic, Rochester, United States

13. INCIDENCE AND CLINICAL PRESENTATION OF KOMMERELL DIVERTICULUM AND ANEURYSM
   Joseph Poterucha; Nandan Anavekar; Talha Niaz; Anu Agarwal; Joseph Dearani; Naser Ammash;
   Carole Warnes; Heidi Connolly; Mayo Clinic, Rochester, United States

14. LONG-TERM OUTCOMES AFTER SURGICAL REPAIR OF COMPLETE ATRIOVENTRICULAR SEPTAL DEFECT
   Salil Ginde; Garick Hill; Scott Cohen; Ronald Woods; Michael Mitchell; James Tweddell; Michael Earling;
   Medical College of Wisconsin, Milwaukee, United States

15. ASSOCIATION BETWEEN FUNCTIONAL OUTCOME AND VENTRICULAR MECHANICS AFTER SURGERY IN EBSTEIN'S ANOMALY: A SPECKLE TRACKING STUDY
   Krong-on Pinyolucksana; Benjamin Eidem; Hector Villarraga; Joseph Dearani; Heidi Connolly; Garvan Kane; Naser Ammash; Mayo Clinic, Rochester, United States

16. CHARACTERISTICS AND IN-HOSPITAL OUTCOMES OF ADULT SINGLE VENTRICLE PATIENTS UNDERGOING FONTAN OPERATION: INSIGHTS FROM ADMINISTRATIVE DATA
   Madhukar Kollengode; David Kao; Amber Khanna; Division of Cardiology - University of Colorado
   Anschutz Medical Campus, Denver, United States

17. RAPID REVERSAL OF PULMONARY HYPERTENSION IN FAILING MUSTARD PHYSIOLOGY AFTER CONTINUOUS FLOW SYSTEMIC VENTRICULAR ASSIST DEVICE
   Joel Simon; Mark Turrentine; I-wen Wang; Marco Caccamo; W. Aaron Kay; Krannert Institute of Cardiology, Indiana University Health, Indianapolis, United States

18. EFFECT OF INSPIRATORY MUSCLE TRAINING ON EXERCISE PARAMETERS IN PATIENTS WITH FONTAN PHYSIOLOGY
   Fred Wu; Alexander Opotowsky; Erica Denhoff; Russell Gongwer; Michelle Gurvitz; Michael Landzberg; Keri Shafer; Michael Singh; Anne Valente; Bartolome Celli; Jonathan Rhodes; Boston Children's Hospital, Boston, United States

19. TRANSCATHETER BALLOON DILATATION OF COR TRIATRIATUM SINISTER IN A 51-YEAR OLD PATIENT WITH SEVERE PULMONARY ARTERIAL HYPERTENSION
   Mehul Patel; Joseph Vettukattil; Helen DeVos Children's Hospital, Michigan State University, Grand Rapids, United States

20. OUTCOMES IN ADULTS WITH TRUNCUS ARTERIOSUS.
   Ghadeera Al Mansoori; Nazanin Aghel; Erwin Oechslin; Candice Silversides; Toronto Congenital Cardiac Cntr for Adults, Toronto General Hosp, Toronto, Canada, Toronto, Canada
21. RESVERATROL INHIBITS AORTIC ROOT DILATATION IN MARFAN MICE
Romy Franken; Stijntje Hibender; Edith Schermer; Inge van der Made; Yigal Pinto; Maarten Groenink; Aeilko Zwinderman; Barbara Mulder; Carlie de Vries; Vivian de Waard; AMC, Department Cardiology, Amsterdam

22. SUPRACRISTAL VENTRICULAR SEPTAL DEFECT IN ADULTS: IS IT TIME FOR A PARADIGM SHIFT?
Alexander Egbe; Carole Warnes; Joseph Poterucha; Joseph Dearani; Division of Cardiovascular Diseases, Mayo Clinic, Rochester, USA

23. QRS FRAGMENTATION IS SUPERIOR TO QRS DURATION IN PREDICTING MORTALITY IN ADULTS WITH TETRALOGY OF FALLOT
Jouke Bokma; Michiel Winter; Hubert Vliegen; Arie van Dijk; Els Pieper; Folkert Meijboom; Marco Post; Barbara Mulder; Berto Bouma; Academic Medical Center, Amsterdam, NL

24. LIFELONG ENDOCARDITIS PROPHYLAXIS FOR CONGENITAL HEART DISEASE PATIENTS WITH PROSTHETIC MATERIAL?
Joey Kuijpers; Folkert Meijboom; Arie van Dijk; Petronella Pieper; Hubert Vliegen; Barbara Mulder; Berto Bouma; Academic Medical Center, Amsterdam, NL

25. IMPROVED VENTRICULAR FUNCTION AFTER TEE‐GUIDED CARDIOVERSION OF ATRIAL ARRHYTHMIAS IN PATIENTS AFTER THE FONTAN OPERATION
Joseph Poterucha; Alexander Egbe; Jonathan Johnson; Talha Niaz; Phillip Wackel; Bryan Cannon; Benjamin Eidem; Frank Cetta; Mayo Clinic, Rochester, United States

26. ATYPICAL SYMPTOMS AND ABNORMAL ROUTINE CARDIAC SCREENING IN YOUNG ADULTS: VARIOUS PRESENTATION OF ANOMALOUS CORONARY ARTERY FROM THE PULMONARY ARTERY.
Daniëlle Robbers-Visser; Matthijs Boekholdt; Ad Backx; Anje Spijkerboer; Maarten Groenink; Dave Koolbergen; Berto Bouma; Barbara Mulder; Academic Medical Center, Amsterdam, Netherlands

27. LIFELONG AORTIC DILATATION RATE IN ADULT PATIENTS WITH BICUSPID AORTIC VALVE DISEASE WITH AND WITHOUT AORTIC COARCTATION.
George Tokmaji; Wilke M.C. Koenraadt; Michiel M. Winter; Monique R.M. Jongbloed; Barbara J.M. Mulder; Berto J. Bouma; Academic Medical Center, Amsterdam, Netherlands

28. BAV MORPHOLOGY IN RELATION TO CORONARY ARTERY ANATOMY, VESSEL DOMINANCE AND OUTCOME.
Wilke M.C. Koenraadt; George Tokmaji; Marco C. DeRuiter; Hubert W. Vliegen; Arthur J.H.A. Scholte; Hans-Marc J. Siebelink; Adriana C. Gittenberger-de Groot; Barbara J. Mulder; Berto J. Bouma; Martin J. Schalij; Monique R.M. Jongbloed; Department of Cardiology, Leiden University Medical Center, Leiden, Netherlands
29. **NOACS, ARE THEY SAFE IN CONGENITAL HEART DISEASE? FIRST RESULTS OF AN INTERNATIONAL MULTICENTER REGISTRY.**  
*Hayang Yang*; Gert Sieswerda; Werner Budts; Megalie Ladouceur; Daniel Tobler; Markus Schwerzmann; Tobias Rutz; Matthias Greutmann; Giancarlo Scognamiglio; Berto Bouma; Barbara Mulder; *Academic Medical Center, Cardiology, Amsterdam, Netherlands, Amsterdam, NL*

30. **ASTHMA-LIKE DYSPNEA IN PATIENTS WITH A SECUNDUM ATRIAL SEPTAL DEFECT UNDERGOING PERCUTANEOUS CLOSURE.**  
*Martina Nassif*; Caroline B.B.C.M. Heuschen; Huangling Lu; Berto J. Bouma; Barbara J.M. Mulder; Robbert Winter; *Academic Medical Center, Amsterdam, Amsterdam, NL*

31. **ICD IMPLANTATION IN ADULTS WITH CONGENITAL HEART DISEASE IS ASSOCIATED WITH HIGH RATES OF BOTH APPROPRIATE AND INAPPROPRIATE SHOCKS. A SYSTEMATIC REVIEW AND META-ANALYSIS.**  
*Jim T. Vehmeijer*; T.F. Brouwer; J. Limpens; R.E. Knops; B.J. Bouma; B.J.M. Mulder; J.R. de Groot; *Academic Medical Center, Dep. of Cardiology, Amsterdam, NL*

32. **LOCATION MATTERS: LEFT HEART OBSTRUCTION IN PREGNANCY**  
*Margaret Fuchs*; Ali Zaidi; Justin Rose; Tracey Sisk; Curt Daniels; Elisa Bradley; *The Ohio State University & Nationwide Children’s Hospital, Columbus, USA*

33. **THE IMPORTANCE OF DISCUSSING EMPLOYMENT AND INSURANCE CHALLENGES WITH ADULTS WITH CONGENITAL HEART DISEASE**  
*Lisa Deng*; Abigail May Khan; Lacey Gleason; David Drajpuch; Stephanie Fuller; Leah Goldberg; Christopher Mascio; Sara Partington; Lynda Tobin; Yuli Kim; Adrienne Kovacs; *Philadelphia Adult Congenital Heart Center, Joint Program of Hospital of the University of Pennsylvania and The Children’s Hospital of Philadelphia, San Francisco, United States*

34. **FAMILY PLANNING NEEDS OF MEN AND WOMEN WITH CONGENITAL HEART DISEASE**  
*Lisa Deng*; Lacey Gleason; Abigail May Khan; David Drajpuch; Stephanie Fuller; Leah Goldberg; Christopher Mascio; Sara Partington; Lynda Tobin; Yuli Kim; Adrienne Kovacs; *Philadelphia Adult Congenital Heart Center, Joint Program of Hospital of the University of Pennsylvania and The Children’s Hospital of Philadelphia, San Francisco, United States*

35. **ANOMALOUS RIGHT CORONARY ARTERY FROM THE PULMONARY ARTERY (ARCAPA) IN A MULTIPAROUS WOMAN WITH LEFT VENTRICULAR DYSFUNCTION**  
*Aarthi Sabanayagam*; David Briston; Jose Taveras; Linda Haramati; Ali N. Zaidi; *Montefiore Heart & Vascular Care Institute, Albert Einstein College of Medicine, Bronx NY, Bronx-New York, United States*

36. **IMPACT OF AN SMS REMINDER SYSTEM ON MISSED APPOINTMENTS IN AN OUTPATIENT CLINIC FOR ADULTS WITH CONGENITAL HEART DISEASE**  
*Kristien Van Deyk*; Shana De Wilde; Eva Goossens; Werner Budts; Philip Moons; *Leuven, Belgium*

37. **CORONARY ANOMALY; SEVEN-YEAR FOLLOW UP OF DIAGNOSTIC AND THERAPEUTIC ENTITY**  
*Sumaya Al Helali*; Wiam Abdelsalam; Saeed Al Ahmari; Gharmallah Al Zahrani; Abdullah Belfageih; Sameer Al Dulikan; *Prince Sultan Cardiac Center-Riyadh, Riyadh, Saudi Arabia*
38. DEFINING THE NEXT GENERATION OF ADULT FONTAN PATIENTS
Michael Gritti; An Duong; Fredrik Halvorsen; Eric Pham-Hung; William Williams; Glen Van Arsdell; Christopher Calderone; Edward Hickey; The Hospital for Sick Children, Toronto, Canada

39. FACTORS INFLUENCING QUALITY OF LIFE IN PATIENTS WITH MARFAN SYNDROME
Ju Ryoung Moon; June Huh; Jinyoung Song; I-Seok Kang; Seung Woo Park; Ji-Hyuk Yang; Tae-Gook Jun; Samsung Medical Center, Seoul, Korea

40. TRAINING THE NEXT GENERATION OF ADULT CARDIOLOGISTS - IS ACHD ECHO OVERLOOKED?
Lauren Lastinger; Emily Ruden; Sharon Roble; Jennifer Dickerson; Scott Maffett; Nicole Gardinier; Tom Ryan; Curt Daniels; Elisa Bradley; The Ohio State University, Columbus, United States

Friday June 5, 2015

41. EXPERIENCES OF COMBINED TREATMENTS OF SELECTIVE PULMONARY VASODILATORS AFTER THE TRANS-CATHETER CLOSURE IN ATRIAL SEPTAL DEFECT WITH PULMONARY ARTERIAL HYPERTENSION
Lucy Eun; Jo Won Jung; Jae Young Choi; Yonsei University Severance Hospital, Seoul, South Korea

42. VARIABILITY IN CARE AND OUTCOMES FOR ADULTS WITH KAWASAKI DISEASE: EARLY FINDINGS FROM THE TORONTO ADULT KAWASAKI DISEASE CLINIC
Michelle Keir; Andrew Crean; University of Toronto, Toronto, Canada

43. CLOSED, NOT CURED! CONTINUING RISK OF PULMONARY HYPERTENSION AFTER SHUNT REPAIR
Annelieke C.M.J. van Riel; Ilja M. Blok; Elly M.C.J. Wajon; Arthur S.J.M. Sadée; Mirjam Bakker-de Boo; Arie P.J. van Dijk; Elke S. Hoendermis; Robert K. Riezebos; Barbara J.M. Mulder; Berto J. Bouma; Academic Medical Center Amsterdam, Amsterdam, NL

44. SECUNDUM ATRIAL SEPTAL DEFECT IS ASSOCIATED WITH REDUCED SURVIVAL IN ADULT MEN
Joey Kuijpers; Teun van der Bom; Annelieke van Riel; Folkert Meijboom; Arie van Dijk; Petronella Pieper; Hubert Vliegen; Jolien Roos-Hesselink; Aeilko Zwijnderman; Barbara Mulder; Berto Bouma; Academic Medical Center, Amsterdam, Netherlands

45. UNCERTAINTIES IN INSURANCES FOR ADULTS WITH CONGENITAL HEART DISEASE
Maayke Sluman; Silke Apers; Berto Bouma; Joost van Melle; Kathinka Peels; Marco Post; Marc Waskowsky; Philip Moons; Barbara Mulder; Department of Cardiology, Academic Medical Center, Amsterdam, The Netherlands, Amsterdam, NL

46. MACITENTAN SUPERIOR TO BOSENTAN IN PULMONARY ARTERIAL HYPERTENSION DUE TO CONGENITAL HEART DISEASE?
Ilja Blok; Annelieke van Riel; Mark Schuuring; Rianne de Bruin-Bon; Arie van Dijk; Aeilko Zwijnderman; Barbara Mulder; Berto Bouma; Academic Medical Center, Amsterdam, NL
47. **EXERCISE-INDUCED PULMONARY ARTERIAL HYPERTENSION IN CLOSED DEFECTS: A NEW POPULATION AT RISK?**
   - Annelieke C.M.J. van Riel; Rianne de Bruin-Bon; Emma C. Gerts; Ilja M. Blok; Barbara J.M. Mulder; Berto J. Bouma; *Academic Medical Center, Amsterdam, NL*

48. **OUTCOME OF PREGNANCY IN WOMEN WITH DIAGNOSIS OF AORTIC COARCTATION**
   - Alessia Quattrone; Anne Skeide; Katrine O. Eriksen; Mette-Eli Elise Esensen; *Department of Cardiology, Oslo University Hospital, Rikshospitalet, Oslo, Norway*

49. **PREGNANCY OUTCOMES IN MATERNAL CONGENITAL HEART DISEASE**
   - Wayne Franklin; Allison Mahlstedt; Angeline Opina; Leda Klouda; Manisha Gandhi; *Baylor College of Medicine, Houston, United States*

50. **AN ANALYSIS OF ADULT CONGENITAL HEART DISEASE PATIENTS UNDERGOING BYPASS GRAFTING FOR ATHEROSCLEROTIC CORONARY ARTERY DISEASE**
   - Jeremy Herrmann; Christopher Mascio; Yuli Kim; Clare Ridley; Prakash Patel; Michael Acker; Thomas Spray; Stephanie Fuller; *University of Pennsylvania, Philadelphia, United States*

51. **ANTICOAGULATION THERAPY IN ADULTS WITH CONGENITAL HEART DISEASE: A PILOT STUDY**
   - Ines Uribe-Morales; Katrijn Jansen; Susan Jenkins; Candice Silvesides; Eri Yeo; Adrienne Kovacs; *University of Toronto, Toronto, Canada*

52. **OUTCOMES IN PULMONARY HYPERTENSION DURING PREGNANCY: A RETROSPECTIVE SINGLE CENTRE EXPERIENCE**
   - Simon Houston; John Granton; Candice K. Silversides; Mathew Sermer; Erwin N. Oechslin; *University Health Network, Division of Respirology, University of Toronto, Toronto, Canada*

53. **CANCER: ANOTHER THREAT FOR ADULTS WITH CONGENITAL HEART DISEASE?**
   - Maayke Sluman; Ilonca Vaartjes; Charlotte Onland-Moret; Berto Bouma; Elsken van der Wall; Barbara Mulder; *Department of Cardiology, Academic Medical Center, Amsterdam, NL*

54. **PREVALENCE OF OBSTRUCTIVE SLEEP APNOEA IN MIDDLE-AGED PATIENTS WITH EISENMENGER SYNDROME**
   - Cristel M S Hjortshoej; Annette Schophuus Jensen; Poul Jenum; Lars Soendergaard; *Dept. of Cardiology, Rigshospitalet, Copenhagen, Denmark*

55. **OUTCOME ON SPECIFIC THERAPY IN CONGENITAL HEART DISEASE RELATED PULMONARY ARTERIAL HYPERTENSION WHEN COMPARED WITH IDIOPATHIC PULMONARY HYPERTENSION**
   - Olga Hajnalka Balint; Andras Temesvari; *Hungarian Institute of Cardiology, Budapest, Hungary*

56. **CLINICAL PROFILE OF THE PHILIPPINE GENERAL HOSPITAL ADULT CONGENITAL HEART DISEASE PATIENTS SEEN AT THE OUT PATIENT CLINIC (CLIP-PATCHED)**
   - Christine Train; Angelo Dave Javier; Jaime Alfonso Aherrera; Jose Eduardo Duya; Michael Estur; Ramon Abarquez; Rodel Buituizon; Elmer Jasper llanes; Jose Donato Magno; Felix Eduardo Punzalan; Raul Jara; *Philippine General Hospital, Manila, Philippines*
57. PREVALENCE AND CORRELATES OF SLEEP-DISORDERED BREATHING IN CONGENITAL HEART DISEASE
   Madhu Chari; Erwin Oechslin; Clodagh Ryan; University Health Network, Toronto, Canada

58. PREVALENCE OF METABOLIC SYNDROME AMONG JAPANESE ADULT CONGENITAL HEART DISEASE PATIENTS: A SINGLE CENTER EXPERIENCE
   Angelo Dave Javier; Koichiro Niwa; Toronto General Hospital, Toronto, Canada

59. INCREASED BMI IS ASSOCIATED WITH HEART FAILURE AND MORTALITY IN FONTAN PATIENTS
   Sara C. Martinez; Mirnela Byku; Ari M. Cedars; Philip A. Ludbrook MD; Joseph J. Billadello;
   Washington University School of Medicine in St. Louis, MO, United States