

Wednesday, 14 June, 2023 (10:00-10:30)

Greetings from the Authorities

Ahmadinia
Hall
(W2Ah)

10:00-10:20 ***Welcome and briefing from the president of the Iranian Heart Association & the Congress***
Noohi F. (Iran)

10:20-10:30 ***Welcome and briefing from the president of the Iranian Society of Cardiac Surgeon & the Congress***
Yousefnia MA. (Iran)

Wednesday, 14 June, 2023 (10:45-12:15)

Perfusion
Opening & Perfusion

Hall S
(W3S)

Chairpersons:

Jalali AH., Dabbagh A., ElahiAmin A., Hamedani K.

Moderator: *Moradi AR.*

- 10:45-10:50 Recital of Verses of the Holy Quran
National Anthem of the Islamic Republic of Iran
- 10:50-11:00 Welcome Speech by Congress Scientific Secretary
Madadi S. (Iran)
- 11:00-11:05 Welcome Speech by
Ghanbari A. (executive Secretary of perfusion-IRANSECT)
- 11:05-11:10 A report of scientific program of congress
Sheikhi B. (Scientific Secretary of perfusion-IRANSSECT)
- 11:10-11:20 Perfusion and perfusionist
Yousefnia MA. (ISCS)
- 11:20-11:35 Delnido Versus modified ringer lactate- based Delnido cardioplegia impacts on clinical outcomes in patients undergoing CABGs: Pilot Study
Kachoueian N. (Iran)
- 11:35–11:50 The Evaluation of the correlation of sodium fluctuations with clinical outcomes in children undergoing CPB
Heidarinia S. (Iran)
- 11:50-12:05 Serum Ionized Calcium Levels Hemodynamic Status and Blood Transfusions in Pediatric Heart Surgery Patients
Azizi N. (Iran)
- 12:05-12:15 Q & A

Wednesday, 14 June, 2023 (13:30-15:00)

Perfusion
Blood management

Hall S
(W5S)

Chairpersons:

Kargar F., Khaje Noori. R., Gerami H., Gachkooban AR.

Moderator: *Ahrari F.*

- 13:30-13:45 Use of SvO₂ venous oxygen saturation factor instead of hemoglobin level to decide on blood transfusion to patients during CPB
Hemati M. (Iran)
- 13:45-14:15 Patient Blood Management
Al-Lawati A. (Oman)
- 14:15-14:30 Cardio-micro/plegia method with modified MB solution and Effect on Blood Transfusion
Bagheri M. (Iran)
- 14:30-14:50 Patient centric and family centric, a new approach for patient blood management
Boroujerdi Alavi A. (Iran)
- 14:50-15:00 Q & A

Wednesday, 14 June, 2023 (15:15-16:45)

Perfusion

Complex Aortic Surgery

Hall S

(W6S)

Chairpersons:

Forouzan Nia Kh., Totouchi MZ., Foroutan MR., Imani O.

Moderator: Rafiian E.

- 15:15-15:35 Aortic Arch surgery, Surgical considerations and role of hemadsorption
Zeraatiannejad Davani S. (Iran)
- 15:35-15:55 Anesthesia management of ascending aorta dissection (Type A)
Askarian S. (Iran)
- 15:55-16:10 Perfusion Considerations in Aortic Arch Surgery
Sheikhi B. (Iran)
- 16:10-16:25 Connect data management system and GDP strategy
Desuki Y. (Lebanon)
- 16:25-16:45 Q & A / *Discussion*

Wednesday, 14 June, 2023 (17:00-18:30)

Perfusion

Team working, Ethics and law

*Hall S
(W7S)*

Chairpersons:

Hoseini SR., Soltani B., Shafiee H., Boroujerdi Alavi A.

Moderator: Minasians A.

- 17:00-17:20 Teamworking in cardiac surgery Room
Shirvani Y. (Iran)

- 17:20-17:40 Professional ethics and law, things should to know
Ghanbari A. (Iran)

- 17:40- 18:00 Legal professional challenges
Heibati M. (Iran)

- 18:00-18:30 Expressing opinions, experiences and group discussion

Thursday, 15 June, 2023 (08:30-10:00)

**Perfusion
CPB Management***Hall S
(T2S)***Chairpersons:***Jalili Shahandasht F., Nooralishahi B., Daneshmand S., Hoseini Yazdi M.***Moderator:** *Abedzadeh M.*

- 08:30-08:45 Malfunction of oxygenator and blood leakage: a case report
Rahimi H. (Iran)
- 08:45-09:00 The Correlation of Lipid Peroxidation and Antioxidant Capacity on Perioperative Outcomes in On-Pump CABG in Adults
Gorjipour F. (Iran)
- 09:00-09:15 Simplification of Energy Equivalent Pressure formula for clinical use in pulsatile flow in on-pump cardiac
Bagherinasab M. (Iran)
- 09:15-09:30 Which Factors Influence on Mortality in Patients Undergoing Veno-Venous Extracorporeal Membrane Oxygenation (ECMO)?
Hoseinzadeh M. (Iran)
- 09:30-09:50 CRRT in cardiac surgery patients
Mortazavi SM (Iran)
- 09:50-10:00 Q & A

Thursday, 15 June, 2023 (10:30-12:00)

Perfusion
Myocardial ProtectionHall S
(T3S)**Chairpersons:***Baghaei R., Jalali Farahani AR., Maghsoudi M Shakeri V.***Moderator:** *Niknam S.*

- 10:30-10:45 Cardioplegia safety and monitoring
Desuki Y. (Lebanon)
- 10:45-11:00 A Comparative Study of the Clinical Implications of Cardioplegia Infusion Between the Microplegia Technique and Del Nido Cardioplegia Among Patients Undergoing Coronary Artery Bypass Surgery
Nazari S (Iran)
- 11:00-11:15 The effect of St Thomas cold and warm blood cardioplegia on coronary sinus and arterial blood gases in patients undergoing coronary artery surgery
Hemmati N. (Iran)
- 11:15-11:30 Protective Effect of Five-cycle Arm Cuff Closure in Remote Ischemic Pre-conditioning on Myocardial Function and Clinical Outcomes in Patients Undergoing CABG
Mohammadi R. (Iran)
- 11:30-11:45 The Effects of Cold Blood Cardioplegia with and without Adenosine on Hemodynamic Status
Ghasemi F. (Iran)
- 11:45-12:00 *Q & A*

Thursday, 15 June, 2023 (13:30-15:00)

**Joint Session on HF management
(Perfusion -Cardiac Surgery-Anesthesiology-Heart failure-
Intensive care)**

Hall S
(T5S)

Chairpersons:

Ahmadi ZH., Azarfarin R., Taghavi S., Mahdavi SM., Mafhumi Y.

Moderators: Sadeghi S.

- 13:30–13:45 New approach of multidisciplinary cooperation and advanced team working
Ghanbari A. (Iran)
- 13:45-14:00 Team management of multidisciplinary groups in medical field
Al-Lawati A. (Oman)
- 14:00-14:15 Cardiology indications of ECMO
Naderi N. (Iran)
- 14:15-14:30 Successful ECMO – Right time, Right case
Daliri M. (Iran)
- 14:30-14:45 ECMO Management
Khosravi MB. (Iran)
- 14:45-15:00 Q & A

Thursday, 15 June, 2023 (15:15-16:45)

Perfusion

*Hall S
(T6S)*

15:15-16:45

*Annual General Meeting of IRANSECT & Presenting IRAN
SSECT*

Friday, 16 June, 2023 (08:30-10:00)

Perfusion

Workshop - ECMO

*Hall S
(F2S)*

Moderator:

Bagheri M.

08:30-09:45

ECMO

Roshan Y. (Iran), Fatahi M. (Iran)

09:45-10:00

Brief of Cell Salvage System

Desuki Y. (Lebanon)

Friday, 16 June, 2023 (08:30-10:00)

Perfusion

Workshop –CPB Accidents

*Hall F
(F2F)*

Moderator:

Moradi A.

- 08:30-08:45 Importance of online blood gas monitor during CPB
Desuki Y. (Lebanon)
- 08:45-10:00 *Perfusionist and accidents*
Shafiei. H (Iran), Moradi. AR (Iran)

Friday, 16 June, 2023 (10:30-12:00)

Perfusion
Organ protection*Hall S*
*(F3S)***Chairpersons:***Mansourian S., Moshthagion SH., Rostamani S., Kheirandish MR.**Moderator: Jaafari A.*

- 10:30-10:45 The effect of infusion of Dexmedetomidine to aortic root before aortic cross-clamp removal on the myocardial protection in patients undergoing Mitral Valve Replacement/repair
Hajipour A (Iran)
- 10:45-11:00 The Effect of Pulsatile Perfusion on Liver Function and Clinical Outcome in Pediatric Patients Undergoing Congenital Heart Surgery
Nadi P. (Iran)
- 11:00-11:15 A comparative rapid and delayed full target flow achievement on -- brain tissue oxygen index and ischemic events
Bagherinasab M (Iran)
- 11:15-11:30 Remote ischemic preconditioning effects on inflammatory markers and myocardial protection in coronary artery bypass graft surgery
Gorjipour F. (Iran)
- 11:30-11:45 The effect of Del Nido versus custodiol cardioplegia on clinical outcomes and troponin-I changes among pediatrics with tetralogy of Fallot undergoing cardiopulmonary bypass
Heidarinia S. (Iran)
- 11:45-12:00 Q & A