



NATIONAL CARDIOVASCULAR CONFERENCE 2022

Event endorsed by



Conference Day 1 September 23, 2022 Friday

8:30-9:00 Registration

Inauguration

09:00-09:07 Opening remarks

Tumur-Ochir Ts., Director of Third State Central Hospital
Mungunchimeg D., FESC, FJCS, President of MSC, Head of the NCC

09:07-09:10 What has NCVV 2022 prepared for you?

Batnaran D., Chair of the NCVV 2022 organizing committee, Cardiologist at rhythmology center, TSCH

09:10-09:35 Can we eradicate coronary disease from Mongolia and develop a novel population model of
(09:10PM-09:35PM EST) CV Health promotion? (Q&A 10 min)
Jagat Narula, PhD, Mount Sinai, NY, USA, JACC Executive Editor

Session 1

CARDIOVASCULAR DISEASE RISK FACTORS AND PREVALENCE

Moderators: Batgerel O., MD, Ph.D, Deputy Director for Academic Affairs, TSCH
Batnaran D., MD, Ph.D, Cardiac rhythmology center, TSCH

09:35-09:55 Latest Public Health Measurements and Future Trend Directed Towards CVD Prevention (Q&A 10 min)
Bayarbold D., Head of Public Health Sector of Ministry of Health

09:55-10:15 CVD prevention: current issues, national guidelines, and modern demands (Q&A 10 min)
Mungunchimeg D., FESC, FJCS, President of MSC, Head of the NCC

10:15-10:35 Prevalence and Dynamics of CVD Risk Factors in Mongolia (Q&A 10 min)
Narantuya D., Consulting Physician, CCU, TSCH

10:35-10:55 Recent Clinical Advances in Reducing Risk for Dyslipidemia (Q&A 10 min)
Oyuntugs B., Endocrinology department, MNUMS

10:55-11:15 Type 2 Diabetes Mellitus as a Modifiable Risk Factor of Cardiovascular Disease (Q&A 10 min)
Orgil S., Cardiologist at Darkhan-Uul General Hospital

11:15-11:30 Sponsor Lecture

11:30-11:35 Завсарлага

Session 2

HYPERTENSIVE HEART DISEASE

Moderators: Tsevelmaa R., Cardiovascular consulting physician of Mongolia
Gereltuya Ch., MSc, Cardiologist, Intermed Hospital

11:35-11:55 Hypertension prevalence and its risk factors among Ulaanbaatar citizens. How the public sees Hypertension? (Q&A 10 min)
Burmaa B., MD, Ph.D, Senior lecturer at Department of Cardiology, MNUMS

11:55-12:15 Key Factors Associated with Uncontrolled Hypertension (Q&A 10 min)
Tsolmon U., MD, Ph.D, Head of Department of Cardiology, MNUMS

12:15-12:40 Advancement in hypertension control to prevent cardiovascular diseases (Q&A 10 min)
(13:15-13:40 JST)
Koji Hasegawa., MD, Ph.D, Kyoto Medical Center, Japan

12:40-13:00 Future possibilities in monitoring and managing hypertension using artificial intelligence (Q&A 10 min)
Gantuul N., Resident Doctor in Internal Medicine, TSCH, Secretary team, MSC

13:00-13:15 Break

Session 3
HEART FAILURE

*Moderators: Tsolmon U., MD, Ph.D, Head of Department of Cardiology, MNUMS
Ankhubayar L., MSc, Head of Heart Center, FCHM*

- 13:15-13:35 Screening for heart failure: a chance to reduce the prevalence of heart failure (Q&A 10 min)
Chingerel Kh, MD, Ph.D, Senior lecturer at Department of Cardiology, MNUMS
- 13:35-13:55 Heart Failure Registry - A Valuable Method for Management Improvement (Q&A 10 min)
Ganchimeg U., MD, MSc, Cardiology Department, TSCH
- 13:55-14:15 Significance of Cardiac MRI: Detecting the Underlying Cause (Q&A 10 min)
Byambasuren V., MD, Ph.D, Lecturer at Department of Cardiology, MNUMS
- 14:15-14:35 Heart Failure Monitoring: The Challenges We Face (Q&A 10 min)
Odgerel Ts., MD, MSc, Cardiology Department, TSCH
- 14:35-14:55 Advanced Heart Failure: How can we enhance the management to the next level? (Q&A 10 min)
Tsolmon Ts., MD, Cardiology Department, TSCH
- 14:55-15:10 Sponsor Lecture
- 15:10-15:15 Break

Session 4
CONGENITAL HEART DISEASE

*Moderators: Damdinsuren Ts., MD, MSc, Department of Angiography, TSCH
Nandintsetseg B., MD, MSc, Cardiology Department, TSCH*

- 15:15-15:35 Screening for Heart Disease in Children Using ECG (Q&A 10 min)? (Асуулт & Хариулт 10 мин)
Bayarmaa N., Pediatric Interventionist, TSCH
- 15:35-15:55 Heart Failure Hospitalization in Adult Patients with Congenital Heart Disease - Risk Factors for Repeat Admissions (Q&A 10 min)
Nurjanar G., MD, Cardiology Department, TSCH
- 15:55-16:15 Balloon angioplasty and stent implantation for coarctation of aorta (Q&A 10 min)
Bat-Undrakh J., MSc, Department of Cardiovascular and Connective Tissue Diseases, NCMCH
- 16:15-16:40 Atrial Septal defect: from diagnosis to treatment – Marie Lannelongue Hospital experience (Асуулт & Хариулт 10 мин)
(10:15-10:40 CEST)
*Clément Batteux, MD, Hospital Marie Lannelongue, France
Benoît Gerardin, Hospital Marie Lannelongue, France*

End of Day 1



NATIONAL CARDIOVASCULAR CONFERENCE 2022

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Parallel Session - Day 1 September 23, 2022 Friday

Registration

Session 1

INTERVENTIONAL CARDIOLOGY

*Moderators: Lkhagvasuren Z., PhD, Professor, Consulting physician, Angiography Department, TSCH
Batzaya Ts., MSc, Head of Coronary Care Unit, TSCH*

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| 11:20-11:40 | Introduction of PCI in Orkhon province: challenges and advantages (Q&A 10 min) <i>Erdembileg M., MSc, Orkhon province regional diagnostic and treatment center</i> |
| 11:40-12:00 | Opportunities to develop PCI in regional diagnostic and treatment centers (Q&A 10 min) <i>Lkhagvasuren Z., PhD, Consulting physician, Angiography Department, TSCH</i> |
| 12:00-12:20 | The effect of in-hospital cardiogenic shock on long-term prognosis after PCI in patients with myocardial infarction and multi-vessel disease (Q&A 10 min) <i>Г.Мужидсүрэн, АУ-ы магистр, Зүрхний шигдээсийн тасгийн их эмч, УГТЭ</i> |
| 12:20-12:40 | Introducing the CHIP (Complex High-risk Indicated Procedure/Patients) under IVUS control in patients with Intra Aortic Balloon Pump (Q&A 10 min) <i>Batmyagmar Kh., PhD, Head of Cardiology Department, Intermed Hospital, Consulting Physician at Cardiology Center, FCHM</i> |
| 12:40-13:00 | Detecting pulmonary artery resistance in preparation for cardiac surgery (Q&A 10 min) <i>Nandintsetseg B., Cardiology Department, TSCH</i> |
| 13:00-13:25 (07:00-07:25 CEST) | Chronic thromboembolic pulmonary hypertension (CTEPH) (Q&A 10 min) <i>Benoît Gerardin, Hospital Marie Lannelongue, France</i> |
| 13:25-13:45 | Gender disparities among cardiologists specialized in angiography in Mongolia (Q&A 10 min) <i>Punsaldulam Ts., National Cardiovascular Center</i> |
| 13:45-14:05 | Use of catheter laboratory, radiation exposure, and ways to reduce exposure (Q&A 10 min) <i>Damdinjav E., Cath Lab Technician, FCHM</i> |



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Parallel Session - Day 1 September 23, 2022 Friday

Session 2

CARDIOVASCULAR SURGERY

*Moderators: Tsegeenjav D., Sc.D, Cardiovascular Surgeon
Tuvjargal Ch., MSc, Head of Department of Cardiovascular Surgery, TSCH*

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| 14:30-14:55 (15:30-15:55 KST) | Acute Aortic Dissection Type A Management (Q&A 10 min) <i>Byung Chul Chang., MD, PhD, Cha Bundang medical center</i> |
| 14:55-15:20 | Aortic Valve Sparing Surgery Technique (Q&A 10 min) <i>Dr.Charpentier A., INCCI</i> |
| 15:20-15:40 | Result of Complete Atrioventricular Canal Defect Repair - case discussion (Q&A 10 min) <i>Ganbat V., Department of Cardiovascular Surgery, TSCH</i> |
| 15:40-16:00 | Stepwise surgical management in cases of severe pulmonary HTN in patients with VSD (Q&A 10 min) <i>Buyantugs Ts., Department of Cardiovascular Surgery, UB Songdo Hospital</i> |
| 16:00-16:20 | Transseptal approach for mitral valve replacement experience at UB Songdo Hospital, case discussion (Q&A 10 min) <i>Khashchuluun B., Department of Cardiovascular Surgery, UB Songdo Hospital</i> |
| 16:20-16:40 | Selective brain perfusion during aortic surgery with moderate hypothermic state (Q&A 10 min) <i>Nyamsuren S., Department of Cardiovascular Surgery, TSCH</i> |
| 16:40-17:00 | Aortic stenting hybrid surgery for aortic dissection Stanford type B (Q&A 10 min) <i>Enkhdorj R., Department of Cardiovascular Surgery, TSCH</i> |
| 17:00-17:20 | Result of surgical management of bacterial endocarditis (Q&A 10 min) <i>Naranbaatar S., Department of Cardiovascular Surgery, TSCH</i> |
| 17:20-17:40 | Result of endovenous microwave ablation treatment of varicose veins in Mongolia (Q&A 10 min) <i>Mandakhnar Ch., Cardiovascular Surgery Unit, FCHM</i> |



NATIONAL CARDIOVASCULAR CONFERENCE 2022

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Conference Day 2 September 24, 2022 Saturday

8:30-9:00 Registration

Session 5

ACUTE CARDIOVASCULAR CARE

*Moderators: Ganbat Ts., Consulting Physician at Intensive Care Unit, FCHM
Yanjiv O., Head of Department of Emergency Medicine, TSCH*

09:00-09:20 Acute Chest Pain Differentials and Management at Emergency Department (Q&A 10 min)
Ochirbat B., Emergency Department, TSCH

09:20-09:40 How to Accurately Assess Hemodynamics during Acute Cardiovascular Care? (Q&A 10 min)
Munkhbat O., Intensive Care Unit, TSCH

09:40-10:00 Inotropic support and transition to oral medications (Q&A 10 min)
Ankhtsetseg B., Intensive Care Unit, TSCH

10:00-10:20 Role of echocardiography in differential diagnostics of cardiogenic shock (Q&A 10 min)
Purevjargal L., MSc, Cardiology Department, SSCH

10:20-10:40 Cardiologist's care and monitoring in patients on cancer chemotherapy (Q&A 10 min)
Oyunkhand B., Cardiology Department, Intermed Hospital

10:40-11:00 Acute heart failure related to toxins (Q&A 10 min)
Namid Kh., Resident Doctor in Internal Medicine, SSCH

11:00-11:05 Break

Session 6

CARDIAC ARRHYTHMIA

*Moderators: Mungun-Ulzii Kh., FAPSC, FJCS, Head of Cardiac Rhythmology Center, TSCH
Erdenekhui L., MSc, Head of Cardiology Department, SSCH*

11:05-11:30 (11:05PM-11:30PM EST) Inherited cardiac disorders in children and families (Q&A 10 min)
Dominic Abrams., MRCP, MBA, Inherited Cardiac Arrhythmia Program, Boston Children's Hospital, USA

11:30-11:50 How Does the Stroke Unit Manage Cryptogenic Stroke cases in Mongolia (Q&A 10 min)
Baigalmaa G., MSc, Head of Stroke Unit, TSCH

11:50-12:10 Issues related to antiarrhythmic drug use in Mongolia (Q&A 10 min)
Saruul Ts., PhD, Cardiac Rhythmology Center, TSCH

12:10-12:30 Issues Related to Cardio-Genetics (Q&A 10 min)
Mungun-Ulzii Kh., FAPSC, FJCS, Head of Cardiac Rhythmology Center, TSCH

12:30-12:50 Wide Complex Tachycardia Differential Diagnostics and Management (Q&A 10 min)
Dosjan Ye., Cardiac Rhythmology Center, TSCH

12:50-13:15 (07:50-08:15 IDT) Screening for atrial fibrillation (Q&A 10 min)
Moti Haim, Soroka Medical Center, Israel

13:15-13:30 Break

Session 7

CORONARY ARTERY DISEASE

*Moderators: D.Mungunchimeg, FESC, FJCS, President of MSC, Head of the NCC
Batmyagmar Kh., PhD, Head of Cardiology Department, Intermed Hospital, Consulting Physician at Cardiology Center, FCHM*

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| 13:30-13:55 (13:30-13:55 UTC+8) | Antiplatelet Use In Acute Coronary Syndrome (Q&A 10 min) <i>Jack Wei Chieh Tan, FAMS, FESC, FACC, MBA, National Heart Centre, Singapore</i> |
| 13:55-14:15 | Significance of stress echocardiography in patients with coronary artery diseases (Q&A 10 min) <i>Gereltuya Ch., MSc, Cardiologist, Intermed Hospital</i> |
| 14:15-14:35 | Emergency PCI in acute myocardial infarction at State Second Central Hospital (Q&A 10 min) <i>Dashdemberel Kh., Cardiology Department, SSCH</i> |
| 14:35-15:00 (08:35-09:00 CEST) | To Be Announced (Q&A 10 min) <i>Rémy Pilière., Medical and Surgical Centers Ambroise Pare, Hartmann</i> |
| 15:00-15:20 | Clinical characteristic and in-hospital mortality of aVR ST elevation myocardial infarction (Q&A 10 min) <i>Munkhtulga G., Coronary Care Unit, TSCH</i> |
| 15:20-15:35 | Sponsor Lecture |
| 15:35-15:40 | Break |

Session 8

VALVULAR HEART DISEASE

*Moderators: Ariyasuren L., Head of Cardiology Department, TSCH
Munkhtulga G., Coronary Care Unit, TSCH*

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| 15:40-16:00 | Study of statistics and patient monitoring results based on MnCardio program in patients with valvular disease (Q&A 10 min) <i>Munkhsuvd O., Cardiology Department, TSCH</i> |
| 16:00-16:20 | Special Considerations Regarding Warfarin Therapy in Patients with Prosthetic Heart Valve and follow-up study of warfarin monitoring (Q&A 10 min) <i>Munkhtulga G., Coronary Care Unit, TSCH</i> |
| 16:20-16:45 (10:20-10:45 CEST) | Moderate Aortic Stenosis - Diagnosis and Prognosis (Q&A 10 min) <i>Jeroen Bax, MD, PhD, FESC, FACC, Leiden University Medical Center</i> |
| 16:45-17:05 | Bacterial Endocarditis Cases (Q&A 10 min) <i>Ariyasuren L., Head of Cardiology Department, TSCH</i> |
| 17:05-17:25 (10:45-11:05 CEST) | The Reversibility of Cardiac Damage After TAVI (Q&A 10 min) <i>Rinchyenkhand M., PhD Candidate, Leiden University Medical Center</i> |

End of Day 2



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Parallel Session - Day 2 September 24, 2022 Saturday

Session 3

NURSES AND ALLIED PROFESSIONALS

*Moderators: Batgerel O., MD, Ph.D, Deputy Director for Academic Affairs, TSCH
Tungaamaa D., Head of Nursing Department, TSCH*

- 10:00-10:20 Psychological characteristics of patients admitted to coronary care unit (Q&A 10 min)
Luvsandolgor L., Nurse, Coronary Care Unit, TSCH
- 10:20-10:40 Characteristics of care provided to patients with acute myocardial infarction (Q&A 10 min)
Head nurse, Coronary Care Unit, TSCH
- 10:40-11:00 Role of nurses in monitoring anticoagulant and antiaggregant medications in valvular heart disease patients (Q&A 10 min)
Otgontuya D., Head nurse, Cardiology Department, TSCH
- 11:00-11:20 Fluid balance monitoring in patients with congestive heart failure: Its overall effect on management (Q&A 10 min)
Banzragch G., Nurse, Cardiology Department, TSCH
- 11:20-11:40 Effect of lung inflator and oxygen therapy in patients at post cardiac surgery ICU (Q&A 10 min)
Yanjindulam Ch., Intensive care nurse, Cardiovascular Surgery Department, TSCH
- 11:40-12:00 Role of nurses at post-cardiac surgery ICU in reducing length of stay (Q&A 10 min)
Ivshinnorov P., Head nurse, Cardiovascular Surgery Department, TSCH
- 12:00-12:20 Trends in cardiovascular nursing care (Q&A 10 min)
Baasanjargal N., Nursing Department, TSCH
- 12:20-12:40 Physical therapy and rehab treatment in patients recovering from COVID-19 - case discussion (Q&A 10 min)
Lkhagvadorj B., Rehabilitation Department, TSCH

End of Parallel Sessions



NATIONAL CARDIOVASCULAR CONFERENCE 2022

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Conference Day 3 September 25, 2022 Sunday

9:30-10:00 Registration

Session 9

NEW ESC GUIDELINES

*Moderators: Bayasgalan N., MSc, Senior Lecturer at Department of Cardiology, MNUMS
Mijidsuren G., MSc, Coronary Care Unit, TSCH*

10:00-10:20 Ventricular arrhythmias and the prevention of sudden cardiac death (Q&A 10 min)
Gerelmaa T., Cardiac Rhythmology Center, TSCH

10:20-10:40 Cardiovascular assessment and management of patients undergoing non-cardiac surgery (Q&A 10 min)
Erkejan D., Cardiology Department, TSCH

10:40-11:00 Cardio-Oncology (Q&A 10 min)
Batchimeg J., MSc, Cardiology Department, Mungun Guur Hospital

11:00-11:20 Pulmonary Hypertension (Q&A 10 min)
Anargul B., Cardiologist, Bayan-Ulgii Central Hospital

11:20-11:25 Break

Session 10

MONGOLIAN NEW GUIDELINES AND STANDARDS

*Moderators: Serjee D., Sc.D, Professor
Tuvjargal Ch., PhD, Head of Department of Cardiovascular Surgery, TSCH*

11:25-11:45 Valvular heart disease (Q&A 10 min)
Ariyasuren L., Head of Cardiology Department, TSCH

11:45-12:05 Standards of technique for cardiac device implantation (Q&A 10 min)
Mungun-Ulzii Kh., FAPSC, FJCS, Head of Cardiac Rhythmology Center, TSCH

12:05-12:25 Clinical Guideline for Rehabilitation During Open Thoracic Surgery - project (Q&A 10 min)
Enkhjin B., Rehabilitation Department, TSCH

12:25-12:45 Guideline adherence in rural hospitals (Q&A 10 min)
Punsaldulam Ts., NCC

Session 11

ESC CONGRESS 2022 HIGHLIGHTS

*Moderators: Mungunchimeg D., President of MSC, Head of NCC
Tsolmon Ts., Cardiology Department, TSCH*

12:45-13:45 Highlights of ESC Congress 2022
*Tuguldur N., Department of Cardiovascular Surgery, TSCH
Batsuren B., Department of Cardiovascular Surgery, TSCH
Narantsatsral N., Cardiology Department, TSCH*

13:45-14:00 Award Ceremony
Closing Ceremony