

SAPH2023

THE 16TH ANNUAL CONFERENCE OF
THE SAUDI ASSOCIATION FOR PULMONARY HYPERTENSION

ORGANIZED BY:



16-18 FEBRUARY 2023 | Le Méridien, Al Khobar, KSA

SCIENTIFIC PROGRAM

IN COLLABORATION WITH:



PVRI
Pulmonary Vascular
Research Institute

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Dear Colleagues,

It gives me great pleasure to welcome you all to the 16th Annual Conference of the Saudi Association for Pulmonary Hypertension (SAPH2023) which will be held in Le Méridien, Al Khobar, KSA from 16-18 February 2023.

SAPH is maintaining the quest for development and progress year after year. SAPH2023 aims to create a platform for regional medical professionals to engage in exchange for knowledge and expertise on the latest and best practice methods in Pulmonary Hypertension.

As a continuation of successful collaboration between the Saudi Association for Pulmonary Hypertension (SAPH) and the Pulmonary Vascular Research Institute (PVRI), it has been proven that it is highly successful and helped in introducing physicians in The Middle East and North African countries to the world experts in the field of Pulmonary Hypertension and to the most advanced developments in understanding and managing Pulmonary Hypertension.

The scientific committee is planning a comprehensive Scientific Program covering all aspects of Pulmonary Vascular Diseases in both Adult & Children, from the basics of Pathobiology and Pathophysiology, Diagnosis, Classification and Management to the most advanced development in Therapies and Interventional Modalities. The program will be covered by the internationally recognized leaders in the field of Pulmonary Hypertension.

We are much appreciative to all our distinguished speakers and chairpersons. My hope is that all those who are practicing physicians will make an effort to attend and benefit from this Conference.

With my best regards,



Prof. Abdullah M. Aldalaan, MD
President, Saudi Association for Pulmonary Hypertension (SAPH)
Consultant, Pulmonary Medicine
Director, Pulmonary Hypertension Program, Lung Health Center
King Faisal Specialist Hospital and Research Centre
Professor of Medicine, Alfaisal University
Riyadh, Saudi Arabia



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Professor of Medicine, Alfaisal University
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Shaya Ahmed Alshaya, MD
Chairman, Scientific Committee
Consultant Adult Pulmonary, Pulmonary Hypertension
Program Director, Adult Pulmonary Fellowship
Program
Co-director, Internal Medicine Residency Program
Adult Pulmonary Section, Medical Specialties
Department, King Fahad Medical City
Riyadh, Saudi Arabia



Ragdah Hussain Arif, MD, FRCPC, ABIM
Consultant Pulmonologist and Pulmonary HTN
Consultant
Assistant Professor, King Abdulaziz University/Hospital
Jeddah, Saudi Arabia



Nawal Al Gubaisi, MD, SSC-Med, SF-PD
Consultant Pulmonologist
Pulmonary Hypertension Specialist
The Head of Pulmonary Medicine Unit
King Fahad Medical Military Complex
Dhahran, Saudi Arabia



Mnahi Bin Saedan, MD
Cardiothoracic Radiologist,
King Faisal Specialist Hospital and Research Centre
Riyadh, Saudi Arabia



Hassan S. Alorainy, BsRC, RRT, FAARC
Executive Director, The 16th Annual Conference of
Saudi Association for Pulmonary Hypertension (SAPH2023)
Senior Clinical Respiratory Specialist
Riyadh, Saudi Arabia



Abdallah M. Alasiri, MD
Consultant Pulmonology and Internal Medicine,
Head of Respiratory and TB unit,
Director of GIM Training Program,
Aseer Central Hospital
Abha, Saudi Arabia



Bader J. Alghamdi, MD
Consultant, Pulmonary Medicine, Pulmonary
Hypertension, and Clinical Cardiopulmonary
Exercise Testing
Assistant Professor in King Saud bin Abdulaziz
University for Health Sciences (KSAU-HS)
Section Head of Respirology and Director of
Respirology Fellowship Training Program
Ministry of National Guard
Jeddah, Saudi Arabia



Ahmed Krimly, MD
Consultant, Adult Congenital
Heart Disease and Interventional Cardiology,
King Faisal Cardiac Centre,
King Abdul Aziz Medical City
Jeddah, Saudi Arabia



Mai Alzaydi, PhD
Researcher in Mitochondrial and Vascular Biology
General Manager, Bioengineering Institute
King Abdulaziz City for Science and Technology
(KACST)
Riyadh, Saudi Arabia



DAY 1 - THURSDAY, 16 FEBRUARY 2023

Pre Conference Workshops

Comprehensive Multimodality Imaging Findings in PH/ CTEPH

Time: 4:00pm - 5:00pm | Room: AlMawad Ballroom

Speaker:



Mnahi Bin Saeedan, MD
Cardiothoracic Radiologist,
King Faisal Specialist Hospital and Research Centre
Riyadh, Saudi Arabia

Objectives

The goal is to review the imaging findings of pulmonary hypertension with an emphasis on the role of computed tomography (CT) and to recognize the common diseases in each pulmonary hypertension group.

Structure:

- Presentation listing and showing the lung parenchyma, bronchial arteries, pulmonary arteries, and cardiac findings that can guide radiologists and clinicians to an appropriate diagnosis of different pulmonary hypertension groups.
- Interactive chest CT cases: Participants will access online scrollable CT images of different pulmonary hypertension cases to review them prior to having an open discussion.
- Case-based review: Selected images of different cases will be presented. Each case will have an online multiple choice question to be answered by the participants.
- Participants should bring a laptop, tablet, or smart phone for the interactive activities.

DAY 1 - THURSDAY, 16 FEBRUARY 2023

Pre Conference Workshops

Right Heart Catheterization; State of the Art Measurements

Time: 5:00pm - 6:00pm | Room: AlMawad Ballroom

Speaker:



Abdullah M. Alkhodair, MD, FRCPC
Consultant, Interventional Cardiology /
Pulmonary Hypertension
Adult Cardiology Program Director, King Fahad Medical City
Riyadh, Saudi Arabia

Objectives

To familiarize audience with basics of RHC, when to refer your patient, and how to interpret the numbers

Outline:

In this interactive session, attendees will be updated on:

- Common indications, contraindications, and complications
- The basics of hemodynamics, how it correlates with echocardiogram
- The setup of the correct study
- Some pitfalls that will make results unreliable
- Making sense of the Right Heart Cath numbers
- Interactive Data interpretation



DAY 1 - THURSDAY, 16 FEBRUARY 2023

17:00 - 18:45 **Registration**


18:45 - 19:00 **Welcome Notes**

SESSION 1 : Keynote

Objectives: Highlight the Conference Keynote; as the Prostacyclin is the most Potent and First Targeted Pulmonary Hypertension Therapy. Go Through the PH New Update Over the Last Year 2022.

Chairs: Shaya Al Shaya - **KSA**  Majdy Idrees - **KSA** 

19:00 - 19:30 Prostacyclins; From First to the Last Therapeutic Option and Backward
Olivier Sitbon - **France** 

19:30 - 20:00 PH: Year in Review
Luke Howard - **UK** 

20:00 - 20:30 Living with PH
Interview with Mr. Fahad Al Qahtani (CTEPH Patient) - **KSA** 

20:30 DINNER

END OF 1st DAY

DAY 2 - FRIDAY, 17 FEBRUARY 2023

07:30 - 08:15 Registration


SESSION 2 : PAH Basic Science


Objectives: Go Through the Depth of PH Basic Science and Studies. Demonstrate Some of the New Developments in the Field.

Chairs: Abdullah Aldalaan - *KSA*  Mai Alzaydi - *KSA* 

08:20 - 08:40 Organ on Chip; New Developments in Preclinical Studies in PAH
Beata Wojciak Stothard - *UK* 

08:40 - 09:00 The PDGF Pathway; A New Target in Pulmonary Arterial Hypertension
Marc Humbert - *France*  

09:00 - 09:20 Is it time for Individualizing Treatment Plans?
Sean Gaine - *Ireland* 

09:20 - 09:30 Role of KLF6 Signalling in Endothelial Dysfunction in Pulmonary Arterial Hypertension - Rehab Alharbi - *KSA* 

09:20 - 09:30 Q & A Panel Discussion


09:30 - 09:45 COFFEE BREAK



SESSION 3 : Current PH Guidelines Update

Objectives: Review and Open Discussion of the New Updates in PH Guideline 2022 and its Implications.

Chairs: Nasser Al Busaidi - *Oman*  Hussam Sakijjha - *KSA* 

09:45 - 10:05 The Bases and Impact of the new PH Hemodynamics Definition and Classification
Nazzareno Galiè - *Italy*  

10:05 - 10:25 Risk Stratification; Wisdom Behind the Four Strata!?
Stephan Rosenkranz - *Germany* 

10:25 - 10:45 Treatment Algorithm; Changes in New Guidelines
Marius M. Hoeper - *Germany*  

10:45 - 11:00 Q & A Panel Discussion


11:00 - 13:30 LUNCH BREAK

DAY 2 - FRIDAY, 17 FEBRUARY 2023


SESSION 4 : Clinical PH Current Guidelines

Objectives: Discussing the New Era of Management for PH Groups and Phenotypes.


Chairs: Bader J. Alghamdi - *KSA*  Khaldoon Alhumood - *Kuwait* 

13:30 - 13:50 PH-LHD; Update from Current Guidelines
Jean-Luc Vachiéry - *Belgium* 

13:50 - 14:10 Group III PH; Management Update from Current Guidelines
Oksana A. Shlobin - *USA* 

14:10 - 14:30 PAH Patients with Comorbidities; The Challenge of Following Treatment Guidelines
Majdy Idrees - *KSA* 

14:30 - 14:50 Switching or Adding Treatment in the Low Intermediate Risk Patients.
To Add: 10 Min
Nazzareno Galiè - *Italy*  

To Switch: 10 min
Luke Howard - *UK* 


Rebuttal: 5 min Each

14:50 - 15:00 Q & A Panel Discussion


15:00 - 15:30 COFFEE BREAK

6 MINUTES WALKING TEST

Friday, 17 February 2023 - 13:30pm
Room: ALDIWAN Meeting Room




Instructor



Hessah Alotaibi, BsRC, MPH, RRT, RPFT
Respiratory Therapist and Senior of
Pulmonary Function Laboratory
King Abdulaziz Medical City- Riyadh
Ministry of National Guard Health Affairs (MNG-HA)
Riyadh, Saudi Arabia

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DAY 2 - FRIDAY, 17 FEBRUARY 2023

SESSION 5 : PAH Challenging Cases With live sessions

Objectives: Multidisciplinary Approach for Debatable Cases. Review the Challenges in Diagnosis and Interaction between Interested Teams.

Discussants:

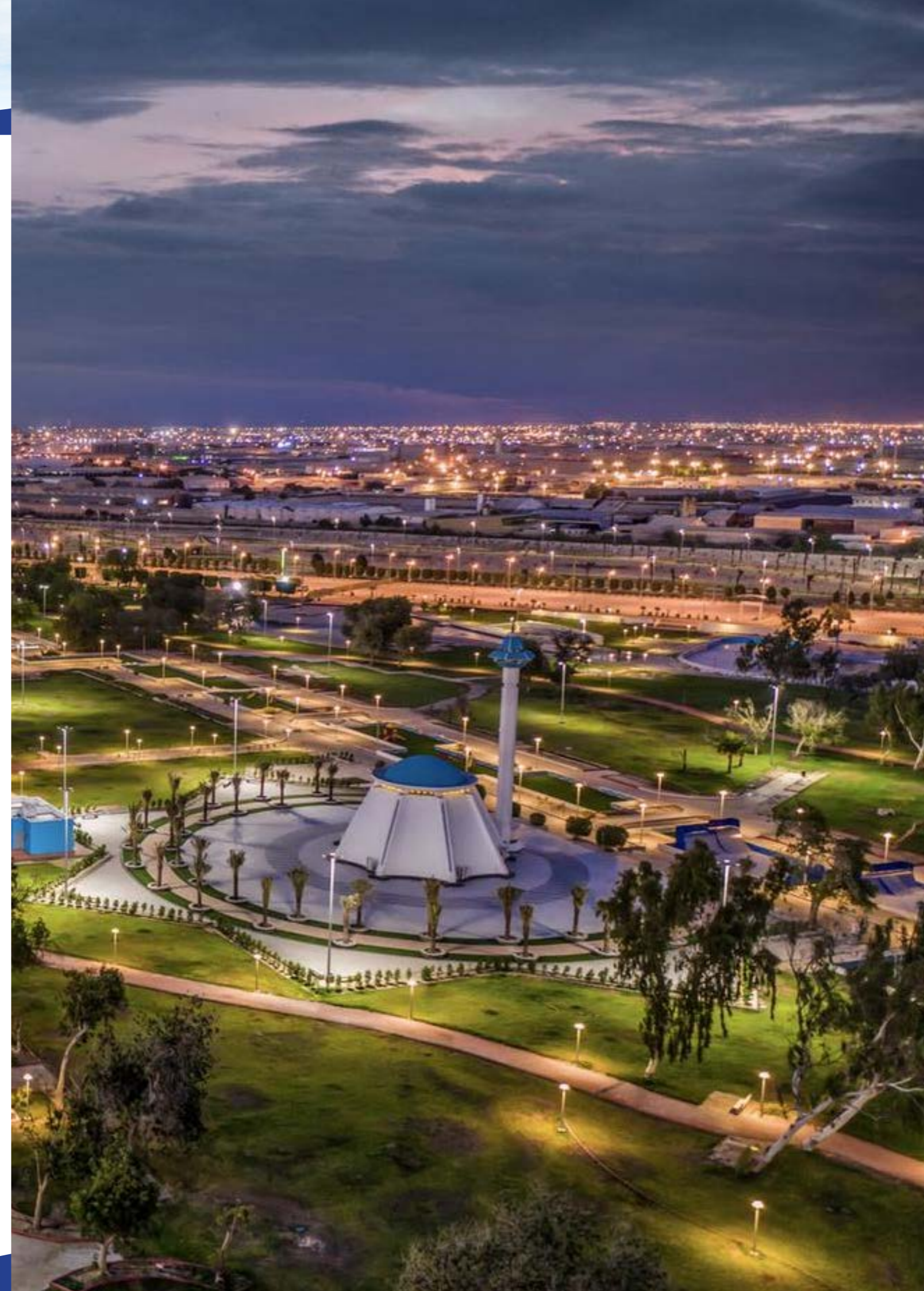
Chairs:

Hani Sabour - UAE  Nawal Al Gobaisi - KSA  Hatem Qutub - KSA 

- 15:30 - 15:55 Case 1: CHD-PAH Surgical Intervention
Ahmed Krimly - **Jeddah, KSA**
- 15:55 - 16:20 Case 2: PVOD- PAH Case, The Whole Treatment Spectrum
Loui Ezzat - **Riyadh, KSA**
- 16:20 - 16:45 Case 3: CTD-PAH Challenging Treatment
Talal Alanazi - **Riyadh, KSA**
- 16:45 - 17:10 Case 4: Complex Pregnancy Course
Shaya Al Shaya - **Riyadh, KSA**
- 17:10 - 17:35 Case 5: Familial PAH with Partial Empty Sella Syndrome
Nouf Bin Humaid - **Jeddah, KSA**

20:30 - 22:00 GALA DINNER

END OF 2nd DAY



DAY 3 - SATURDAY, 18 FEBRUARY 2023


SESSION 6 : PAH - Miscellaneous

Objectives: Discussing Different angles in PH field; like Screening for High-Risk Groups, ICU Management, Rehabilitation and PH in Pediatrics.

Chairs: Ayman Farghaly - Egypt  Khalid Al Najashi - KSA 

09:00 - 09:20 Timely diagnosis in high risk groups; update on screening for PH
Ragdah Arif - KSA 

09:20 - 09:40 Severe RV Failure; Best ICU Management Protocol for best Outcome
Hussam Sakijjha - KSA 

09:40 - 10:00 Pulmonary Rehabilitation for PH Patients
Shareefah Basherri - KSA 

10:00 - 10:20 Management in Pediatrics PAH; Update from current guidelines
Damien Bonnet - France 

10:20 - 10:30 Q & A Panel Discussion


10:30 - 10:45 COFFEE BREAK


DAY 3 - SATURDAY, 18 FEBRUARY 2023


SESSION 7 : CTEPH

Objectives: Dedicated Session for Management Approach in Chronic Thromboembolism with and without Pulmonary Hypertension.

Chairs: Badr Alzahrani - KSA  Saleh Aldammas - KSA 

10:45 - 11:05 CTED Without PH; Treatment Challenge
Hanan Fan - KSA 

11:05 - 11:25 Medical Treatment of CTEPH
Fayez K. Alahmadi - KSA 

11:25 - 11:45 Complex Approach to CTEPH Management; Medical, BPA, PEA (Sequential vs. Combination, and in What Order) - Irene M. Lang - Austria 

11:45 - 11:55 Q & A Panel Discussion

11:55 CLOSING REMARKS

12:00 - LUNCH

END OF 3rd DAY

6 MINUTES WALKING TEST

Saturday, 18 February 2023 - 10:45pm
Room: ALDIWAN Meeting Room

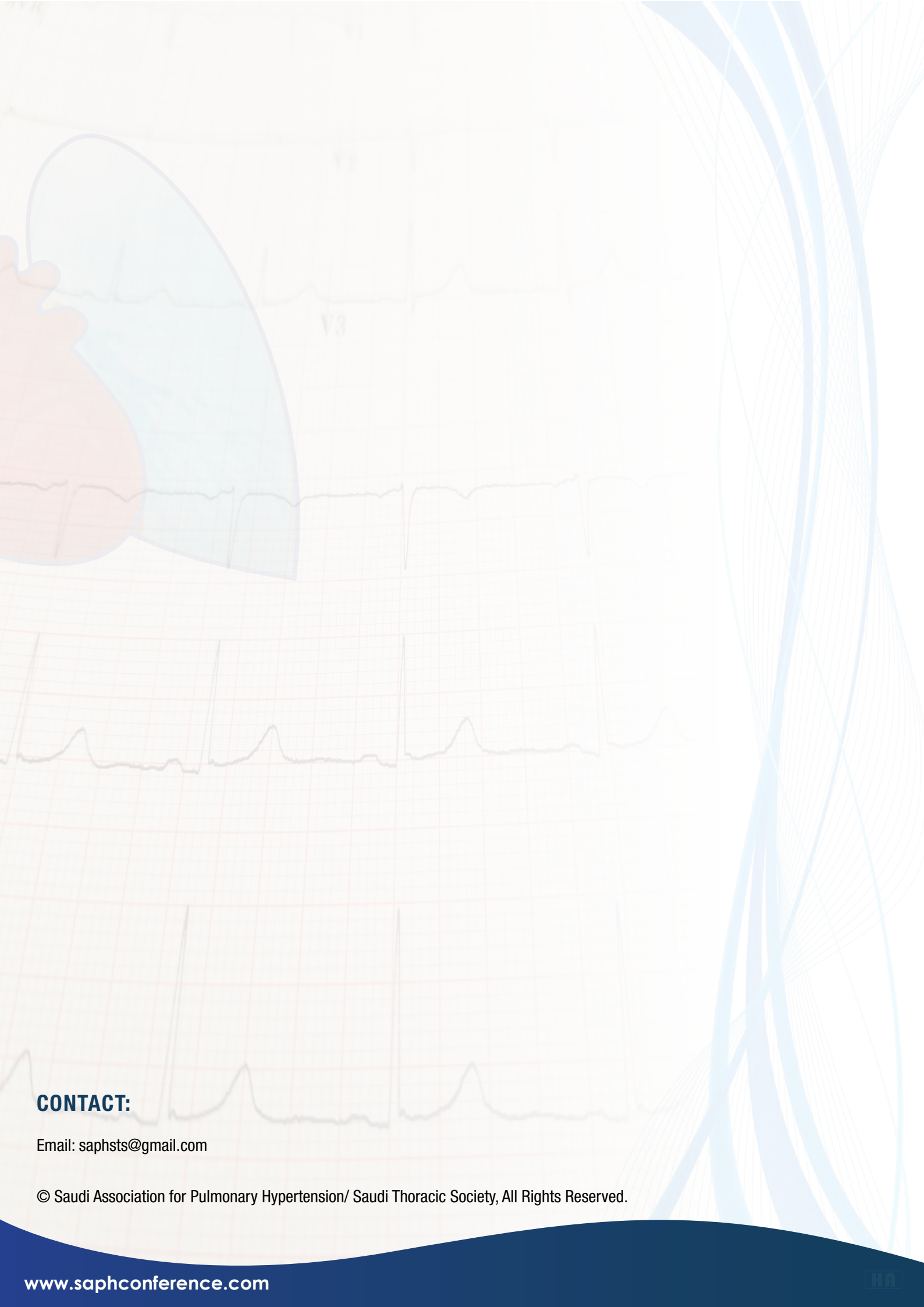
Instructor



Hessah Alotaibi, BsRC, MPH, RRT, RPFT
Respiratory Therapist and Senior of
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King Abdulaziz Medical City- Riyadh
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Riyadh, Saudi Arabia

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