



Robotic RAB

1st International Congress
on Robotic Assisted Bronchoscopy
& Transbronchial Ablation Update

BRESCIA - ITALY
15th - 17th June 2023

PROGRAM

Welcome to **ROBOTIC RAB**

In the US, Robotic Assisted Bronchoscopy is a highly promising and fast developing part of the future of **Advanced Bronchoscopy & Interventional Pulmonology**, with two current systems being sold and a third being released in early 2023.

There are currently over **500 RAB systems** installed in the US.

In Europe at present there is no location to learn and discuss RAB and help plan for its future in Europe.

This is why an international congress on Robotic Bronchoscopy has to be planned and arranged to be an interactive congress for attendees: and should be hosted in one of the most beautiful, welcoming and «robotics protagonist» countries of Europe:

ITALY

SCIENTIFIC BOARD

ORGANIZING COMMITTEE

MICHELA BEZZI

MD, PhD – University Hospital ASST Spedali Civili – Brescia (HOST)

STEFANO GASPARINI

Full Professor - University of Marche - Ancona, Italy
President of the World Association of Bronchology
and Interventional Pulmonology

US SCIENTIFIC BOARD

ERIK FOLCH

MD, MSc – Mass General Research Institute,
Co-director interventional pulmonology
Massachusetts General Hospital – Boston, USA

D. KYLE HOGARTH

MD, FCCP - Professor of Medicine,
Pulmonary and Critical Care Medicine,
University of Chicago, IL, USA

MICHAEL PRITCHETT

DO, MPH Director, Chest Center of the Carolinas,
First Health of the Carolinas and Pinehurst Medical Clinic, NC, USA

EU/UK SCIENTIFIC BOARD

FELIX HERTH

Chairman and Head, Thoraxklinik
Professor of Respiratory Medicine University of Heidelberg, DE

KELVIN LAU

Clinical Director and Thoracic Surgeon,
Barts Thorax Centre - London, UK

PALLAV SHAH

Professor of Respiratory Medicine at Imperial College, London,
Senior Consultant Physician at the Royal Brompton Hospital
and Chelsea & Westminster Hospital, UK

PROGRAM - DAY 1

THURSDAY JUNE 15TH 2023

PLENARY ROOM

13.30 - 14.00	Registration	
14.00 - 14:10	Opening - Introduction to the conference	Michela Bezzi Stefano Gasparini
14.10 - 14.20	Presentation of the Scientific Board	Scientific Board
14.20 - 14.30	Greetings from international organizations:	
	Greece: Iraklis Titopolous President of HCDS	
	India: Hari Kishan Gonuguntla Head of Interventional Pulmonology Division - Yashoda Hospitals	
	Spain: Antoni Rosell Clinical Director of the Thorax Institute Professor of Medicine (UAB), Hospital Germans Trias (Barcelona)	
	France: Samy Lachkar Head of Bronchoscopy Unit, Pulmonology Department Rouen University Hospital	

1st SESSION

PRESENT AND FUTURE OF ROBOTIC BRONCHOSCOPY

Chair: Erik Folch

14.30 - 14.45	US Experience with RAB	Kyle Hogarth
14.45 - 15.00	The Transition from Navigation-based Bronchoscopy to Image-guided Robotic Bronchoscopy	Bobby Mahajan
15.00 - 15.30	US Experience with ION	Michael Pritchett
15.30 - 16.00	First US experience with the Galaxy System (recorded case presentation)	Kyle Hogarth
16.00 - 16.30	COFFEE BREAK	

2nd SESSION

HOW WILL RAB DEVELOP IN THE NEXT FIVE YEARS?

Chair: Erik Folch

16.30 - 16.45	First US Experience with the Noah Galaxy	Kyle Hogarth
16.45 - 17.00	US Experience with RAB - Case review	Michael Pritchett
17.00 - 17.15	Early Experience with Robotic Bronchoscopy in Europe	Pallav Shah
17.15 - 17.30	The Robotic Bronchoscopy scenario in France	Samy Lachkar

17.30 - 18.00 ROUND TABLE

HOW WILL RAB DEVELOP IN THE NEXT FIVE YEARS

Questions from the Audience

Mauro Benvenuti
Giulia Veronesi
All the prior Speakers

18.00 Closing remarks - first day

PROGRAM - DAY 2

FRIDAY JUNE 16TH 2023

TECHNICAL SUITES

08:15 - 09:00 Galaxy Tech Suite demonstration
Ion Tech Suite demonstration

Joseph Cicensia
Erik Folch

PLENARY ROOM

3rd SESSION

HOW (EXTERNAL) IMAGING GOES ALONG WITH RAB

Chairs: Michael Pritchett – Stefano Bonardelli

09.00 - 09.30	LIVE SESSION - NEIJMEGEN CONE-BEAM CT guided TBB	Erik Van Der Heiden
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09.30 - 09.45	SIEMENS fixed cone beam CT	Krish Bhadra
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09.45 - 10.00	CIOS (Portable Cone Beam CT) integration to Ion	Erik Folch
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10.00 - 10.15	PHILIPS "The role of fixed CBCT"	Pallav Shah
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10.15 - 10.30	Robotic Assisted Bronchoscopy with ZIEHM portable cone beam CT	Thakore Sanket
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10.30 - 11:00	COFFEE BREAK	
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11.00 - 11.15	Augmented Fluoro and Body Vision	Joseph Cicensia
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11.15 - 11.30	Use of Body Vision's Augmented Fluoro and Tomo to improve outcomes with the Monarch	Kyle Hogarth
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11.30 - 11.45	Early Experience with Body Vision in Europe	Michela Bezzi
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11.45 - 12.00	Galaxy An Integrated Imaging Robotic Solution	Catherine Oberg
12.00 - 12.15	Sampling tools in peripheral lesions	Lina Zuccatosta
12.15 - 12.30	Modality use of cryobiopsy with Robotic Bronchoscopy	Catherine Oberg

12.30 - 13.00	LIVE SESSION - BRESCIA Body Vision	Michela Bezzi Mauro Novali
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4th SESSION

CME NEW TECHNOLOGIES AND REIMBURSEMENT STRATEGIES

Chair: Michela Bezzi

13.00 - 13.30	Introduction by local authorities <ul style="list-style-type: none"> • Francesco Castelli Rector, University of Brescia • Massimo Lombardo General Director, ASST Spedali Civili di Brescia • Simona Tironi Regional Councilor for Education, Lombardy Region 	
	ROUND TABLE The Difficulties with Reimbursement in Europe	Joe Cicenía (US) Pallav Shah (UK) Davide Zanchi (IT)

13.30 - 14.30	LIGHT LUNCH
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5th SESSION

MAXIMIZE THE DIAGNOSTIC YIELD OF TBB/TBNA IN SPN-GGO & ILDs

Chair: **Stefano Gasparini**

14.30 - 15.00	LIVE SESSION from the US Cone Beam CT and RAB	Adam Belanger
	Chest Center of the Carolinas First Health of the Carolinas and Pinehurst Medical Clinic	Michael Pritchett

15.00 - 15.15	Modalities of sampling mediastinal lymph nodes: cryo, forceps and large and small needles	Ajay Wagh
15.15 - 15.30	New guiding systems for TBLCB in ILDs (Cone-Beam & Body Vision)	Venerino Poletti
15.30 - 15.45	New sampling tools for RAB and ROSE	Rocco Trisolini

6th SESSION

NEXT 5 YEARS IN REVIEW

Chair: **Kyle Hogarth**

15:45 - 16.15	The role of disposable bronchoscopes in Robotic Bronchoscopy	Krish Bhadra
16.00 - 16.15	Artificial Intelligence & Rapid On Site Examination	Mauro Novali
16.15 - 16.30	Optical Mycroscopy	Michael Pritchett

16.30 - 16.45	AI & Medical Treatment (Early recognition of receptors mutations/ligand expression)	Sonali Sethi
16.45 - 17.00	Automated sample presentation for ROSE	Kyle Hogarth
17.00 - 17.15	Histology, Cytology and Rapid-onsite Evaluation: an ongoing discussion in small sample adequacy (Rapid On Site Histological Analysis: New approaches)	Venerino Poletti

7th SESSION

STUDIES IN GROUNDS

Chair: Venerino Poletti

17.15 - 17.30	Results from the MATCH Study	Krish Bhadra
17.30 - 17.45	Data review from the PRECISE trial	Erik Folch
17.45 - 18.00	Research in Diagnostic Robotic Bronchoscopy	Kyle Hogarth
18.00 - 18.15	Challenges and Opportunities in Research in Robotic Bronchoscopy	Michael Pritchett
18.15	Closing remarks - second day	

PROGRAM - DAY 3

SATURDAY JUNE 17TH 2023

TECHNICAL SUITES

08:15 - 09:00 Galaxy Tech Suite demonstration
Ion Tech Suite demonstration

Sonali Sethi
Catherine Oberg

PLENARY ROOM

8th SESSION

TRANSBRONCHIAL ABLATION UPDATE

Chairs: Kelvin Lau – Federico Rea

09.00 - 09.15 Radiology of Thermal Ablation

Sandy Spiers

09.15 - 09.25 Ablation – The workflow

Michael Pritchett

09.25 - 09.35 How to choose an Ablation Catheter

Pallav Shah

09.35 - 09.45 Alternative Strategies
– Direct Drug Delivery

Scott Oh

09.45 - 10.00 Alternative Strategies
– RFA

Erik Folch

10.00 - 10.15 Alternative Strategies
– Asian Experience of GGO Ablation

Calvin Ng

10.15 - 10.30 Alternative Strategies
– European Experience of ablating
solid lesions

Kelvin Lau

10.30 - 10.45 Alternative Strategies
– Pulsed Field Electroporation

Michela Bezzi

10.45 - 11.00 New generation
Microwave Ablation technology

Kelvin Lau

11.00 - 11:30 COFFEE BREAK

Chairs: Kelvin Lau – Mauro Benvenuti

11.30 - 11.45 Complications and long term outcomes
of Ablation

Kelvin Lau

11.45 - 12.00 Starting an Ablation Program
– Lesson learnt

Agathe Seguin-Givelet

12.00 Closing Remarks

FACULTY

Adam Belanger, USA

Mauro Benvenuti, IT

Michela Bezzi, IT

Krish Bhadra, USA

Stefano Bonardelli, IT

Francesco Castelli, IT

Joseph Cicenía, USA

Davide Farina, IT

Erik Folch, USA

Stefano Gasparini, IT

Hari Kishan Gonuguntla, IN

Felix Herth, DE

Kyle Hogarth, USA

Samy Lachkar, FR

Kelvin Lau, UK

Massimo Lombardo, IT

Bobby Mahajan, USA

Calvin Ng, CN

Mauro Novali, IT

Catherine Oberg, USA

Scott Oh, USA

Venerino Poletti, IT

Michael Pritchett, USA

Federico Rea, IT

Antoni Rosell, SP

Thakore Sanket, USA

Agathe Seguin Givelet, FR

Sonali Sethi, USA

The background of the entire page is a light blue circuit board pattern. It features a complex network of white lines representing traces, with various geometric shapes like circles, squares, and rectangles representing components or vias. The pattern is dense and covers the entire area, with a slightly darker blue vertical band on the left side.

Pallav Shah, UK

Alexander Spiers, UK

Simona Tironi, IT

Iraklis Titopolous, GR

Rocco Trisolini, IT

Erik Van Der Heiden, NL

Giulia Veronesi, IT

Ajay Wagh, USA

Davide Zanchi, IT

Lina Zuccatosta, IT

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