

FRIDAY, JUNE 15, 2012

5:00 PM- 6:30 PM

OPENING CEREMONY

**GRAND
BALLROOM A**

**KEYNOTE ADDRESS: TRACHEAL
TRANSPLANTATION**

Martin Birchall (London, United Kingdom)

6:30 PM- 8:00 PM

OPENING RECEPTION

EXHIBIT HALL

SATURDAY, JUNE 16, 2012

7:00 AM- 8:00 AM

CONTINENTAL BREAKFAST

EXHIBIT HALL

8:00 AM- 5:30 PM

POSTER SESSION 1

**WHITEHALL
ROOM**

8:00 AM- 9:00 AM

**KEYNOTE ADDRESS: POTENTIALS OF STEM-
CELL THERAPY IN MAJOR AIRWAY DISORDERS**

**GRAND
BALLROOM A**

Emmanuel Martinod (Bobigny, France)

9:00 AM-12:00 PM

SYMPOSIUM 1: BRONCHIAL THERMOPLASTY

**GRAND
BALLROOM A**

Chair: Gerard Cox (Hamilton, Canada)

Co-Chair: Mario Castro (St. Louis, United States)

HOW TO PERFORM BRONCHIAL THERMOPLASTY?

Michel Laviolette (Quebec, Canada)

**EVIDENCE SUPPORTS BRONCHIAL THEROMPLASTY
FOR SEVERE ASTHMA: A DEBATE**

Sumita Khatri (Cleveland, United States); Gerard Cox
(Hamilton, Canada)

**AN OPTIMAL PATIENT - THE PHENOTYPE, THE
TESTS AND THE FOLLOW-UP**

Mario Castro (St. Louis, United States)

EXHIBIT HALL

10:30 AM-10:50 AM

REFRESHMENT BREAK

**HOW TO ESTABLISH A BRONCHIAL
THERMOPLASTY FACILITY**

Ganesh Krishna (Mountain View, California)

33125

**BRONCHIAL OCCLUSION WITH SILICONE SPIGOT
(EWS) ON ENDOBRONCHIAL BLEEDING,
PULMONARY FISTULA, AND ENDOSCOPIC LUNG
VOLUME REDUCTION (ELVR) WITH SILICONE
SPIGOT**

Makoto Sakugawa (Okayama, Japan)

33033

**LONG AND SHORT-TERM RESULTS OF
BRONCHOSCOPIC LUNG VOLUME REDUCTION
USING EMV (ENDOBRONCHIAL MIYAZAWA
VALVE) FOR ADVANCED EMPHYSEMA**

Hideki Miyazawa (Japan); Hideki Shinno (Japan)

29798

**VAPOR TRIAL: 12 MONTHS EFFICACY AND SAFETY
FOLLOWING ENDOSCOPIC THERMAL VAPOR
ABLATION (INTERVAPORTM) FOR PATIENTS WITH
HETEROGENEOUS EMPHYSEMA**

Felix J.F. Herth (Heidelberg, Germany); Armin Ernst
(Boston, United States); Arschang Valipour (Vienna,
Austria); Christian Witt (Berlin, Germany); Franz Stanzel
(Hemer, Germany); Gregory Snell (Melbourne, United
States); Jim J. Egan (Dublin, Ireland); Kim Baker (Iowa
City, United States); Manfred Wagner (Nürnberg, Germany);
Mark Gotfried (Phoenix, United States); Peter Hopkins
(Chermside, Australia); Steven Kesten (Tustin, United
States)

9:00 AM-12:00 PM

**SYMPOSIUM 2: EARLY DIAGNOSIS OF LUNG
CANCER**

GOLD ROOM

Chair: Steven Lam (Vancouver, Canada)
Co-Chair: Luc Thiberville (Normandy, France)

**IMPLICATION OF LUNG CANCER SCREENING FOR
THE ENDOSCOPIST**

Steven Lam (Vancouver, Canada)

OPTICAL COHERENCE TOMOGRAPHY

Melissa Suter (Boston, United States)

CONFOCAL MICROENDOSCOPY

Luc Thiberville (France)

10:30 AM-10:50 AM

REFRESHMENT BREAK

EXHIBIT HALL

ENDO-CYTOSCOPY SYSTEM

Kiyoshi Shibuya (Japan)

33276

**LUNG PARENCHYMAL INVOLVEMENT BY DIFFUSE
PLEURAL MESOTHELIOMA: A CASE REPORT**

Salah Najm (Cleveland, United States); Lamia Ibrahim
(Cleveland, United States); Nisha Agarwal (India, India);
Rana Hejal (Cleveland, United States)

33153

**COMBINED FLUORESCENCE BRONCHOSCOPY,
LOCAL FLUORESCENCE SPECTROSCOPY AND
IMMUNOCYTOCHEMICAL EXAMINATION FOR MUC-
1 FOR EARLY STAGE CENTRAL LUNG CANCER
DIAGNOSIS**

Larisa Valentinovna Telegina (Moscow, Russia)

32794

**A POSITIVE FEEDBACK LOOP BETWEEN
THROMBOXANE SYNTHASE AND THROMBOXANE
A₂ RECEPTOR-1 PROMOTES LUNG TUMOR
GROWTH**

George G Chen (Hong Kong, Hong Kong); Calvin SH Ng
(Hong Kong, Hong Kong); Innes YP Wan (Hong Kong,
Hong Kong); Malcolm J Underwood (Hong Kong, Hong

Kong); Mingyue Li; Run-Yue Huang (Mumbai, India)

33483

REAL-TIME MICROSCOPIC IMAGING OF SQUAMOUS
CELL CARCINOMA LESIONS USING AN
INTEGRATED-TYPE ENDO-CYTOSCOPY SYSTEM

Takashi Ishida (Fukushima, Japan); Hiroshi Yokouchi
(Fukushima, Japan); Hiroyuki Minemura (Fukushima,
Japan); Kengo Oshima (Fukushima, Japan); Kenichiro Hirai
(Fukushima, Japan); Kenya Kanazawa (Fukushima, Jarvis
Island); Mitsuru Munakata (Fukushima, Japan); Satoko
Sekine (Fukushima, Japan); Yoshinori Tanino (Fukushima,
Japan)

9:00 AM-12:00 PM

**WORLD CONGRESS FOR
BRONCHOSOPHAGOLOGY**

**GRAND
BALLROOM B**

Chair: Thomas Rice (Cleveland, United States)
Co-Chair: Paul Castellanos (Birmingham, United States)

CHEVALIER JACKSON: THE ROOTS OF THE IBES
AND THE AMAZING FRONTIERS WE HAVE SINCE
CORSED

Paul Castellanos (Birmingham, United States)

ENDOSCOPIC ESOPHAGEAL ULTRASOUND: 2012

Sunguk Jang (United States)

ENDOSCOPIC MANAGEMENT OF ESOPHAGEAL
PERFORATIONS

John Dumont (United States)

ENDOSCOPIC MUCOSAL RESECTION AND
SUBMUCOSAL RESECTION

Ken Wang (United States)

10:30 AM-10:50 AM

REFRESHMENT BREAK

EXHIBIT HALL

ENDOSCOPIC ABLATIVE THERAPY FOR BARRETT

ESOPHAGUS AND ADENOCARCINOMA
Amitabh Chak (United States)

ENDOSCOPY AND ESOPHAGEAL MOTILITY
DISORDERS
Prashanti Thota, (United States)

PANEL DISCUSSION

Thomas Rice (Cleveland, United States); John Dumont
(United States) ; Sunguk Jang (United States; Ken Wang
(United States); Amitabh Chak (United States) ; Prashanti
Thota (United States)

12 Noon- 1:00 PM

**LUNCH
POSTER SESSION VIEWING**

**EXHIBIT HALL
WHITEHALL**

1:00 PM- 3:00 PM

**SYMPOSIUM 3: ENDOBRONCHIAL VOLUME
REDUCTION**

**GRAND
BALLROOM A**

Chair: Felix Herth (Heidelberg, Germany)
Co-Chair: Frank Scirba (United Sates)

PATHOPHYSIOLOGY OF LVRS
Frank Scirba (United States)

THE BLOCKING DEVICES
Armin Ernst (Boston, United States)

THE NON-BLOCKING METHODS
Pallav Shah (London, United Kingdom)

PATIENT SELECTION
Felix Herth (Heidelberg, Germany)

1:00 PM- 3:00 PM

**SYMPOSIUM 4: DIAGNOSING PULMONARY
NODULE**

GOLD ROOM

Chair: Thomas Gildea (Cleveland, United States)
Co-Chair: Noriaki Kurimoto (Kawasaki, Japan)

PERIPHERAL-EBUS AND PATHOLOGY OF LUNG
NODULE

Noriaki Kurimoto (Kawasaki, Japan)

ELECTROMAGNETIC NAVIGATION: INNOVATIONS
FOR 2012 AND BEYOND

Yehuda Schwarz (Tel-Aviv, Israel)

WHAT IS LATEST ON VIRTUAL BRONCHOSCOPY
NAVIGATION?

Fumihiko Asano (Gifu, Japan)

CONFOCAL MICROENDOSCOPY FOR PULMONARY
NODULES

Luc Thiberville (France)

1:00 PM- 3:00 PM

**SYMPOSIUM 5: BRONCHOSCOPY IN LUNG
TRANSPLANTATION**

AMBASSADOR

Chair: Luis F. Angel (San Antonio, United States)

Co-Chair: Michael Machuzak (Cleveland, United States)

SURGICAL TECHNIQUES FOR ANASTOMOSIS

Hugo Esteva (Buenos Aires, Argentina)

MANAGEMENT OF ANASTOMOTIC
COMPLICATIONS

Michael Machuzak (Cleveland, United States)

PRO/CON- SURVEILLANCE IN LUNG TRANSPLANT:
IS IT WORTH IT?

David Mason (Cleveland, United States); Luis F. Angel
(United States)

BRONCHIAL ARTERY REVASCULARIZATION IN
LUNG TRANSPLANTATION

Gosta Pettersson (Cleveland, United States)

33502

CRYOPROBE VERSUS FORCEPS BIOPSY FOR POST-
LUNG TRANSPLANT SURVEILLANCE

Jason Atticus Akulian (Baltimore, United States);
Christopher Gilbert (Baltimore, United States); David Feller-

Kopman (Baltimore, United States); Lonny Yarmus (Baltimore, United States); Peter Illei (Baltimore, United States)

1:00 PM- 3:00 PM

OTOLARYNGOLOGY SYMPOSIUM PEDIATRIC TRACHEAL DISEASE

GRAND BALLROOM B

Chair: Ellen Friedman (Houston, United States)

THE SLIDE TRACHEOPLASTY: IS SEGMENTAL TRACHEAL RESECTION NO LONGER NEEDED IN PEDIATRIC AIRWAY SURGERY?

Michael Rutter (Cincinnati, United States)

STENTS, DILATION AND SINGLE STAGE TRACHEOPLASTY; OUTCOMES AND PEARLS FOR SUCCESS

Ellen Friedman (Houston, United States)

PEDIATRIC SEGMENTAL TRACHEAL RESECTION IN JAPAN

Koichi Tomoda (Osaka, Japan)

PEDIATRIC AIRWAY STENOSIS: OPEN AND MINIMALLY INVASIVE TECHNIQUES; PEARLS AND PITFALLS

Michael Rutter (Cincinnati, United States)

PROPOSAL FOR ASSESSING THE OUTCOMES FROM AIRWAY SURGERY

Guri Sandhu (Slough, United Kingdom)

FLEXIBLE URETROSCOPIC LASER RESECTION OF A LARGE CARINAL POLYP IN A THREE MONTHS OLD GIRL : A CASE REPORT AND REVIEW OF LITERATURE

Sushil Jain (Mumbai, India); Ketan Parekh (Mumbai, India)

SESSION DISCUSSION

33497

Ellen Friedman (Houston, United States); Guri Sandhu (Slough, United Kingdom); Koichi Tomoda (Osaka, Japan); Michael Rutter (Cincinnati, United States)

3:00 PM- 3:30 PM

REFRESHMENT BREAK

EXHIBIT HALL

3:30 PM- 5:30 PM

SYMPOSIUM 6: WHAT A BRONCHOSCOPIST SHOULD KNOW ABOUT BRONCHOMALACIA?

GRAND BALLROOM A

Chair: Eric Edell (United States)

Co-Chair: Sidharta Gangadharan (Boston, United States)

WHAT IS TRACHEOBRONCHOMALACIA?

Septimiu Murgu (Irvine, United States)

CAN COMPUTED TOMOGRAPHY AID IN THE MANAGEMENT OF TRACHEOBRONCHOMALACIA?

Jeffrey Kanne (Madison, United States)

WHAT IS OPTIMAL MANAGEMENT APPROACH FOR TRACHEOBRONCHOMALACIA?

Sidharta Gangadharan (Boston, United States)

DIFFICULT CASES OF TRACHEOBRONCHOMALACIA.

Adnan Majid (Boston, United States)

3:30 PM- 5:30 PM

SYMPOSIUM 7: BRONCHOSCOPY IN EMERGING COUNTRIES

GOLD ROOM

Chair: Chris Bollinger (Tygerberg Cape Town, South Africa)

Co-Chair: Yasar El Sameed (Providence, United States)

ESTABLISHING A BRONCHOSCOPY PROGRAM IN EMERGING COUNTRIES

Turhan Ece (Istanbul, Turkey)

CHALLENGES OF INTERVENTIONAL PULMONOLOGY IN INDIA

Amir Khoja (Pune, India)

INTERVENTIONAL BRONCHOSCOPY AND
PLEUROSCOPY

Mohammed Munavvar (London, United Kingdom)

THORACIC ULTRASOUND FOR EMERGING
COUNTRIES

C.F.N. Koegelenberg (Cape Town, South Africa)

3:30 PM- 5:30 PM

**SYMPOSIUM 8: BRONCHOSCOPY IN PEDIATRIC
PATIENTS**

AMBASSADOR

Chair: Robert Wood (Cincinnati, United States)

RIGID BRONCHOSCOPY IN PEDIATRICS

Michael Rutter (Cincinnati, United States)

RIGID AND FLEXIBLE BRONCHOSCOPY IN
PEDIATRICS

Robert Wood (Cincinnati, United States)

SAMPLING THE PEDIATRIC AIRWAYS:

Andrea Banfi (Budapest, Hungary)

EVALUATION OF PEDIATRIC PATIENTS FOR
ASPIRATION

Paul Boesch (Cincinnati, United States)

ETHICAL ISSUES IN PEDIATRIC BRONCHOSCOPY

Petr Pohunek (Prague, Czech Republic)

SESSION DISCUSSION

Andrea Banfi (Budapest, Hungary); Michael Rutter
(Cincinnati, United States); Paul Boesch (Cincinnati, United
States); Petr Pohunek (Prague, Czech Republic); Robert
Wood (Cincinnati, United States)

3:30 PM- 5:30 PM

**OTOLARYNGOLOGY SYMPOSIUM ADULT
TRACHEAL DISEASE**

**GRAND
BALLROOM B**

Martin Birchall (London, United Kingdom)

**SEGMENTAL TRACHEAL RESECTION: INDICATIONS,
TECHNIQUES AND RISKS**

Paul Castellanos (Birmingham, United States)

ENDOSCOPIC TREATMENT OF TRACHEAL STENOSIS

Guri Sandhu (Slough, United Kingdom)

**AIRWAY DILATION: INDICATIONS AND
TECHNIQUES FOR AWAKE DILATION**

Paul Castellanos (Birmingham, United States)

TRACHEAL TRANSPLANTATION

Martin Birchall (Westminster, London, United Kingdom)

GUIDELINES FOR AIRWAY BALLOON DILATION

Michael Rutter (Cincinnati, United States)

**AWAKE AIRWAY DILATION: TECHNIQUE
INDICATION AND LIMITATIONS**

Paul Castellanos (Birmingham, United States)

SESSION DISCUSSION

Guri Sandhu (Slough, United Kingdom); Martin Birchall (Westminster, London, United Kingdom); Michael Rutter (Cincinnati, United States); Paul Castellanos (Birmingham, United States)

SUNDAY, JUNE 17, 2012

7:00 AM- 8:00 AM

CONTINENTAL BREAKFAST

EXHIBIT HALL

8:00 AM- 5:30 PM

POSTER SESSION 2

**WHITEHALL
ROOM**

8:00 AM- 9:00 AM

KEYNOTE ADDRESS - LUNG CANCER SCREENING
James Jett (Denver, United States)

**GRAND
BALLROOM A**

9:00 AM-12:00 PM

SYMPOSIUM 9: EDUCATION IN BRONCHOSCOPY

**GRAND
BALLROOM A**

Chair: Henri Colt (Irvine, United States)
Co-Chair: Momen Wahidi (Durham, United States)

REGIONAL BRONCHOSCOPY COURSES:
CURRICULAR DESIGN, GOALS & OBJECTIVES
Carla Lamb (Burlington, United States)

BRONCHOSCOPY ASSESSMENT TOOLS: HOW DO
THEY WORK & WHY?
Momen Wahidi (Durham, United States)

SIMULATION AND THE SECRETS OF STEP BY STEP
INSTRUCTIONS
David Ost (Houston, United States)

10:30 AM- 10:50PM

REFRESHMENT BREAK

EXHIBIT HALL

RESULTS OF BRONCHOSCOPY TRAINING:
John Mullon (Rochester, United States); Patricia Vujacich
(Buenos Aires, Argentina); Pyng Lee (Singapore)

MODELS MUST BE ABLE TO BLEED -THE REAL
INTERVENTIONAL BLEEDING SIMULATOR A NEW
TRAINING MODEL FOR INTERVENTIONAL
BRONCHOSCOPY PROCEDURES AS A SUFFICIENT

33102

SUBSTITUTE FOR TRAINING ON LIVE ANIMALS

Martin Hackl (Natters, Austria); Armin Sulzmann (Heiligkreuzsteinach, Germany); Herbert Jamnig (Natters, Austria); Michael Luelf (Heiligkreuzsteinach, Germany)

33132

AIRWAY INJURY AFTER INTUBATION FOR LUNG SURGERY: DOUBLE LUMEN TUBE COMPARED TO EZ BLOCKER

Erik Van der Heijden (Nijmegen, Netherlands); Ad Verhagen (Nijmegen, Netherlands); Garance Van Rooij (Nijmegen, Netherlands); Jo Mourisse (Nijmegen, Netherlands); Jordi Liesveld (Nijmegen, Netherlands); Olga Schuurbiers (Nijmegen, Netherlands); Stefan Van der Heide (Nijmegen, Netherlands)

26633

NOVEL APPROACHES TO THE PATIENT WITH MASSIVE HEMOPTYSIS

Scott Parrish (Bethesda, United States)

33028

PROSPECTIVE INTERNATIONAL TRIAL OF ENDOBRONCHIAL IMPLANTATION OF ELECTROMAGNETIC FIDUCIALS FOR REAL-TIME TRACKING OF LUNG TUMORS DURING RADIOTHERAPY (RT)

Chris Thomas Bolliger (Tygerberg Cape Town, South Africa)

9:00 AM-12:00 PM

SYMPOSIUM 10: NON-INVASIVE STAGING OF LUNG CANCER

GOLD ROOM

Chair: Gerard Silvestri (Mount Pleasant, United States)
Co-Chair: Teruomi Miyazawa (Kawasaki, Japan)

REVISED LUNG CANCER STAGING SYSTEM: WHAT ARE THE IMPORTANT CHANGES AND WHY DO THEY MATTER?

Eric Edell (Rochester, United States)

INTEGRATED APPROACH USING IMAGING & MINIMALLY INVASIVE PROCEDURES IN STAGING OF LUNG CANCER

Michael Unger (Philadelphia, United States)

HISTOLOGIC AND MOLECULAR STAGING FOR
LUNG CANCER: IMPORTANT DETERMINANT OF
TREATMENT

Teruomi Miyazawa (Kawasaki, Japan)

10:30 AM- 10:50PM

REFRESHMENT BREAK

EXHIBT HALL

TRANS-ESOPHAGEAL BRONCHOSCOPIC
ULTRASOUND-GUIDED FINE NEEDLE ASPIRATION

Masahide Oki (Nagoya, Japan)

33217

HISTOLOGIC AND MOLECULAR STAGING FOR
LUNG CANCER: IMPORTANT DETERMINANT OF
TREATMENT

Teruomi Miyazawa (Kawasaki, Japan)

26254

ENDOBONCHIAL ULTRASOUND-GUIDED
TRANSTRONCHIAL NEEDLE ASPIRATION:
DETERMINANTS OF SAMPLING ADEQUACY

Zachary Scott DePew (Rochester, United States); Aaron O
Bungum (Rochester, United States); David E Midthun
(Rochester, United States); Eric S Edell (Rochester, United
States); Fabien Maldonado (Rochester, United States); John J
Mullon (Rochester, United States); Paul A Decker
(Rochester, United States)

33273

LUNGPOINT VIRTUAL BRONCHOSCOPY
NAVIGATION SYSTEM FOR DIAGNOSIS OF
PULMONARY LESIONS

Michael A Jantz (Gainesville, United States); Abbie
Begnaud (Gainesville, United States); Firas El Mufdi
(Gainesville, United States); Ragheed Alturkmani
(Gainesville, United States)

33139

DIAGNOSTICS OF SOLITARY PULMONARY
NODULES- COMPARISON OF TWO
ENDOBONCHIAL CONFIRMATORY TECHNIQUES

Jiri Votruba (Prague 5, Czech Republic)

9:00 AM-12:00 PM

SYMPOSIUM 11: CURRENT STATUS OF TBNA

AMBASSADOR

Chair: Stefano Gasparini (Ancona, Italy)

Co-Chair: J. Francis Turner (Las Vegas, United States)

**TBNA: FROM THE BEGINNING TO THE THIRD
MILLENNIUM**

Ko Pen Wang (Baltimore, United States)

**PROGNOSTIC FACTORS FOR TBNA DIAGNOSTIC
YIELD EVIDENCE FROM THE LITERATURE**

Stefano Gasparini (Ancona, Italy)

**ROLE OF CONVENTIONAL TBNA IN LUNG CANCER
STAGING IN THE ERA OF EBUS**

Robert Browning (Bethesda, United States)

10:30 AM- 10:50PM

REFRESHMENT BREAK

EXHIBIT HALL

**TBNA IN THE DIAGNOSIS OF SARCOIDOSIS AND
NON-MALIGNANT DISEASES: IS EBUS REALLY
NECESSARY?**

Rocco Trisolini (Bologna, Italy)

33095

**INFLUENCE OF THE ENDOBRONCHIAL
ULTRASOUND TRAINING ON THE RESULTS OF
CONVENTIONAL TRANSBRONCHIAL NEEDLE
ASPIRATION (TBNA)**

Rosa Cordovilla (Salamanca, Spain); Aldo Mateo Torracchi (Salamanca, Spain); Gonzalo Varela (Salamanca, Spain); M^a Carmen García-Macías (Salamanca, Spain); Magdalena Sancho (Salamanca, Spain); Manuel Lanchas (Salamanca, Spain); Miguel Barrueco (Salamanca, Spain)

30657

**CONVENTIONAL VERSUS ENDOBRONCHIAL
ULTRASOUND-GUIDED TRANSBRONCHIAL NEEDLE
ASPIRATION- EFFICACY AND SAFETY IN HANDS
MORE EXPERIENCED IN CONVENTIONAL THAN
EBUS-TBNA**

SEMRA BILACEROGLU (IZMIR, Turkey); NUR YUCEL (Mumbai, India); ZEKIYE AYDOGDU (IZMIR, Turkey)

- 33207
ULTRASOUND GUIDANCE FOR TRANSTHORACIC
FINE NEEDLE BIOPSY
Marija Momchilo Zdraveska (Skopje, Macedonia); Arben
Redzeqi (Skopje, Macedonia); Dejan Todevski (Skopje,
Macedonia); Tome Stefanovski (Skopje, Macedonia)
- 32799
DYNACT-NAVIGATION IN THE BRONCHOSCOPY
SUITE - A FIRST FEASIBILITY STUDY SHOWS
PROMISING RESULTS.
Wolfgang Hohenforst-Schmidt (Neudrossenfeld, Germany);
Johannes Brachmann (Coburg, Germany)
- 33231
FACTORS RELATED TO THE DIAGNOSTIC YIELD OF
ULTRATHIN BRONCHOSCOPE FOR PERIPHERAL
PULMONARY LESIONS
Noelia Cubero (Barcelona, Spain); Antoni Rosell
(L'Hospitalet de Llobregat, Barcelona, Spain); Daniel
Huertas (Barcelona, Spain); Jordi Dorca (L'Hospitalet de
Llobregat, Barcelona, Spain); Maritzel Pari (Barcelona,
Spain); Noelia Cubero (Barcelona, Spain); Rosa López-
Lisbona (L'Hospitalet de Llobregat, Barcelona, Spain)

9:00 AM-12:00 PM

SYMPOSIUM: ENT

**GRAND
BALLROOM B**

Chair: Paul Castellanos (Birmingham, United States)
Co-Chair: Michael Benninger (Cleveland, United States)

VASCULITIS: MAXIMIZING TREATMENT TO
IMPROVE OUTCOMES OF AIRWAY SURGERY
Carol Langford (Cleveland, United States)

EITOLGY AND ENDOSCOPIC MANAGEMENT OF
SUBLOTTIC STENOSIS
Michael Benninger (Cleveland, United States)

ENDOSCOPIC MANAGEMENT OF COMPLEX
LARYNGOTRACHEAL STENOSIS
Thomas Gildea (Cleveland, United States)

OPEN SURGICAL APPROACHES TO LARYNX AND
UPPER AIRWAY STENOSIS, TRACHEAL RESECTION
Guri Sandhu (Slough, United Kingdom); Robert Lorenz

(Cleveland, United States)

10:30 AM- 10:50PM

REFRESHMENT BREAK

EXHIBIT HALL

CASE PRESENTATIONS AND PANEL DISCUSSION

Carol Langford; Michael Benninger (Cleveland, United States); Paul Castellanos (Birmingham, United States); Thomas Gildea (Cleveland, United States)

33022

MODIFIED TRACHEOSTOMY THROUGH A TRACHEAL STENT

Ashutosh Sachdeva (Richmond, United States); Ashutosh Sachdeva (Richmond, United States); Gregory Wiaterek (Richmond, United States); Hans Lee (Richmond, United States); Rajiv Malhotra (Richmond, United States); R. Wesley Shepherd (Richmond, United States)

33058

VIBRATION RESPONSE IMAGING (VRI) IN THE DIAGNOSIS AND OUTCOME ASSESSMENTS OF INTERVENTIONAL BRONCHOSCOPY IN CASES WITH CENTRAL AIRWAY OBSTRUCTION.

Masamichi Mineshita (Kawasaki, Japan)

32963

NOVEL TECHNIQUE TO RESTORE PATENCY IN COMPLETE SUBGLOTTIC STENOSIS

Michael Shawn Machuzak (Cleveland, United States); Thomas Robert Gildea (Cleveland, United States)

33294

EMERGENCY PERCUTANEOUS TRACHEOTOMY IN FAILED INTUBATION

Bassem Beshey (Alex, Egypt); Emad Ibrahim (Alexandria, Egypt)

33535

DUMON SILICONE Y-STENTS IN NON-MALIGNANT AND MALIGNANT CENTRAL AIRWAY OBSTRUCTION: THE CLEVELAND CLINIC EXPERIENCE

Wissam Jaber (Cleveland, United States); Ashish Maskey (Cleveland, United States); Francisco Almeida (Cleveland, United States); Joseph Cicenica (Cleveland, United States);

Michael Shawn Machuzak (Cleveland, United States);
Thomas Gildea (Cleveland, United States); Yvonne Meli
(Cleveland, United States)

12 Noon- 1:00 PM

**LUNCH
POSTER HALL VIEWING**

**EXHIBIT HALL
WHITEHALL**

1:00 PM- 3:00 PM

**SYMPOSIUM 12: SAFETY AND QUALITY IN
BRONCHOSCOPY**

**GRAND
BALLROOM A**

Chair: Edward Haponik (Winston-Salem, United States)
Co-Chair: Prasoon Jain (Clarksburg, United States)

SAFETY OF BRONCHOSCOPY AND OTHER
INTERVENTIONAL PROCEDURES IN PATIENTS
WITH PULMONARY ARTERIAL HYPERTENSION
Omar Minai (Cleveland, United States)

RECOGNIZING HIGH RISK PATIENTS
Prasoon Jain (Clarksburg, United States)

RISK PREVENTION IN BRONCHOSCOPY
John Mullon (Rochester, United States)

PANEL DISCUSSION: DEFINING, MEASURING, AND
ENHANCING BRONCHOSCOPY QUALITY
Heinrich Becker (Heidelberg, Germany); John Beamis
(Honolulu, United States); Ko Pen Wang (Baltimore, United
States); Udaya B. Prakash (Rochester, United States)

1:00 PM- 3:00 PM

SYMPOSIUM 13: ENDOBRONCHIAL ULTRASOUND GOLD ROOM

Chair: Kazuhiro Yasufuku (Toronto, Canada)
Co-Chair: Andrew Haas (Philadelphia, United States)

ROLE OF RADIAL PROBE EBUS FOR PERIPHERAL
LUNG NODULES BEYOND TISSUE DIAGNOSIS
Alain Tremblay (Calgary, Canada)

GENOMIC PROFILING OF LUNG CANCER BY EBUS-

TBNA : A MINIMALLY INVASIVE APPROACH TO
PERSONALIZED MEDICINE

Kazuhiro Yasufuku (Toronto, Canada)

TECHNICAL CONSIDERATIONS, COSTS &
COMPLICATIONS OF EBUS: IS IT REALLY WORTH IT
FOR BRONCHOSCOPISTS?

Andrew Haas (Philadelphia, United States)

TRAINING AND COMPETENCY FOR EBUS: HOW
SHOULD YOU START EBUS?

David Feller Kopman (Baltimore, United States)

1:00 PM- 3:00 PM

**SYMPOSIUM 14: CONTROVERSIES IN
INTERVENTIONAL PULMONOLOGY**

AMBASSADOR

Chair: Pyng Lee (Singapore)

Co-Chair: Herve Dutau (Marseille, France)

SURGERY VS THERAPEUTIC BRONCHOSCOPY FOR
CARCINOID

Jean-Michel Vergnon (Saint Etienne, France, Metropolitan);
Michael Unger (Philadelphia, United States)

NEED FOR EBUS IN THE DIAGNOSIS OF
SARCOIDOSIS

Pyng Lee (Singapore)

FLEXIBLE VS RIGID BRONCHOSCOPE FOR THE
REMOVAL OF A FOREIGN BODY

Fabien Maldonado (Rochester, United States); R. Wesley
Shepherd (Richmond, United States)

ELECTROMAGNETIC NAVIGATION VS
PERCUTANEOUS NEEDLE ASPIRATION FOR
PERIPHERAL NODULES

Thomas Gildea (Cleveland, United States)

1:00 PM- 3:00 PM

**OTOLARYNGOLOGY SYMPOSIUM
LARYNGOPLASTY**

**GRAND
BALLROOM B**

INCIDENCE AND MANAGEMENT OF INJURIES TO
THE GLOTTIS

Guri Sandhu (Slough, United Kingdom)

TRANS ORAL TREATMENT OF LARYNGEAL WEBS

Sachin Gandhi (Pune)

SOFT TISSUE REARRANGEMENT FOR LARYNGEAL
RECONSTRUCTION

Paul Castellanos (Birmingham, United States)

MANAGEMENT OF THE CRITICAL AIRWAY

Guri Sandhu (Slough, United Kingdom)

QUESTIONS AND DISCUSSION

Guri Sandhu (Slough, United Kingdom); Paul Castellanos
(Birmingham, United States); Sachin Gandhi (Pune)

3:00 PM- 3:30 PM

REFRESHMENT BREAK

EXHIBIT HALL

3:30 PM- 5:30 PM

**SYMPOSIUM 15: COST-EFFECTIVENESS IN
INTERVENTIONAL PULMONOLOGY**

**GRAND
BALLROOM A**

Chair: Alain Tremblay (Calgary, Canada)

Co-Chair: Kevin Kovitz (Elk Grove Village, United States)

WHAT IS COST EFFECTIVENESS?

Erika Penz (Calgary, Canada)

CHALLENGES OF SETTING-UP AN
INTERVENTIONAL PULMONOLOGY PROGRAM IN
PRIVATE PRACTICE

Kevin Kovitz (Elk Grove Village, United States)

COST EFFECTIVE APPROACH IN THE DIAGNOSIS OF
A SOLITARY PULMONARY NODULE

Alain Tremblay (Calgary, Canada)

COST -ANALYSIS OF PULMONARY PROCEDURES

Gaetane Michaud (Boston, United States)

3:30 PM- 5:30 PM

**SYMPOSIUM 16: RECENT ADVANCES IN
BRONCHOSCOPY**

GOLD ROOM

Chair: Daniel Serman (United States)

Co-Chair: Rex Yung (Baltimore, United States)

EXAMINATION OF AIRWAY MUCOSA WITH NOVEL
CHIPS & FIBERS: CAN WE DO BETTER THAN THE
CCD CAMERA?

Rex Yung (Baltimore, United States)

MERGING BRONCHOSCOPY AND REAL-TIME
IMAGING FOR DIAGNOSIS OF PULMONARY
LESIONS

Scott Ferguson (Madison, United States)

GOING "OFF-ROAD" TO ACCESS PERIPHERAL LUNG
NODULE TRANSPARENCHYMAL NODULE ACCESS
(TPNA)

Felix Herth (Heidelberg, Germany)

QOL EVALUATION IN INTERVENTIONAL
PULMONOLOGY

Alain Tremblay (Calgary, Canada)

3:30 PM- 5:30 PM

**SYMPOSIUM 17: JEAN DUMON SYMPOSIUM
SELECTED TOPICS IN INTERVENTIONAL
PULMONOLOGY**

AMBASSADOR

Co-Chair: Jose Pablo Diaz-Jimenez (Barcelona, Spain)

Co-Chair: Herve Dutau (Marseille, France)

BLUNT AND PENETRATING INJURY TO CENTRAL
AIRWAYS

Stella Martinez Jaramillo (Bogata, Colombia)

ENDOBROCHIAL MANAGEMNT OF PROLONGED
AIRLEAK

Yoichi Watanebe (Okayama City, Japan)

ENDOBRONCHIAL MANAGEMENT OF BRONCHOPULMONARY FISTULA

David Feller Kopman (Baltimore, United States)

ENDOSCOPIC MANAGEMENT OF T.E. FISTULA

Jose Pablo Diaz-Jimenez (Barcelona, Spain)

3:30 PM- 5:30 PM

OTOLARYNGOLOGY SYMPOSIUM SPECIAL TOPICS IN LARYNGOBRONCHESOPHAGOLOGY GRAND BALLROOM B

FRONTIERS IN SENTINEL NODE SURGERY

Naoyuki Kohno (Mitaka, Japan)

TORS ASSISTED TONGUE BASE RESECTION FOR REFRACTORY OSA

Kirk Withrow (Tuscaloosa, United States)

TRANS ORAL CRICOPHARYNGEUS MYOTOMY MYECTOMY ESOPHAGOPLASTY

Paul Castellanos (Birmingham, United States)

LARYNGEAL REINNERVATION

Martin Birchall (Westminster, United Kingdom)

EMERGENCY AIRWAY ACCESS AND TEMPORIZING TECHNIQUES IN PEDIATRICS

Michael Rutter (Cincinnati, United States)

QUESTIONS AND DISCUSSION

Michael Rutter (Cincinnati, United States); Naoyuki Kohno (Mitaka, Japan); Paul Castellanos (Birmingham, United States)

MONDAY, JUNE 18, 2012

7:00 AM- 8:00 AM	CONTINENTAL BREAKFAST	EXHIBIT HALL
8:00 AM- 5:30 PM	POSTER SESSION 3	WHITEHALL ROOM
8:00 AM- 8:40 AM	KEYNOTE ADDRESS: INTERVENTIONAL PULMONOLOGY: PAST, PRESENT, AND THE FUTURE Heinrich Becker (Heidelberg, Germany)	GRAND BALLROOM A
8:40 AM-11:25 AM	SYMPOSIUM 18: FUNCTIONAL BRONCHOSCOPY Chair: Teruomi Miyazawa (Kawasaki, Japan) Co-Chair: Jean-Michel Vergnon (Saint Etienne, France, Metropolitan) VIBRATION RESPONSE IMAGING: A NEW TOOL FOR INTERVENTIONAL PULMONOLOGIST Heinrich Becker (Heidelberg, Germany) FUNCTIONAL EVALUATION OF TRACHEOBRONCHIAL MALACIA Septimiu Murgu (Irvine, United States)	GRAND BALLROOM A
9:30 AM- 9:55 AM	REFRESHMENT BREAK MEASUREMENT OF COLLATERAL VENTILATION Jean-Michel Vergnon (Saint Etienne, France, Metropolitan) ASSESSMENT OF MAJOR AIRWAY OBSTRUCTION USING LATERAL PRESSURES Hiroki Nishine (Kawasaki, Japan) FUNCTIONAL BRONCHOSCOPY Lutz Frietag (Essen, Germany)	EXHIBIT HALL

33187 ASSESSMENT OF TRACHEOBRONCHIAL STENOSIS
USING A NOVEL STEREOSCOPIC BRONCHOSCOPE
FOR AIRWAY MEASUREMENT
Nobuyama Seiichi (Kawasaki, Japan); Hiroki Nishine
(Kawasaki, Japan); Hiroshi Handa (Kawasaki, Japan);
Hirotaka Kida (Kawasaki, Japan); Masamichi Mineshita
(Kawasaki, Japan); Takeo Inoue (Kawasaki, Japan); Teruomi
Miyazawa (Kawasaki, Japan)

33129 EVALUATING RESPIRATORY RESISTANCE DURING
INTERVENTIONAL BRONCHOSCOPY USING
IMPULSE OSCILLOMETRY
Hiroshi Handa (Kawasaki, Kanagawa, Japan); Furuya Naoki
(Kawasaki, Kanagawa, Japan); Hiroki Nishine (Kawasaki,
Kanagawa, Japan); Hirotaka Kida (Kawasaki, Japan);
Masamichi Mineshita (Kawasaki, Kanagawa, Japan); Seiichi
Nobuyama (Kawasaki, Japan); Takeo Inoue (Kawasaki,
Japan); Teruomi Miyazawa (Kawasaki, Japan)

33496 LOCALIZATION OF BRONCHOPLEURAL FISTULA
USING SPECT IMAGING
Daniel A Nader (Tulsa, United States)

33213 ASSESSMENT OF AIRWAY STENOSIS USING
LATERAL AIRWAY PRESSURE DURING
INTERVENTIONAL BRONCHOSCOPY
Nishine Hiroki (Kawasaki, Japan); Furuya Naoki (Kawasaki,
Kanagawa, Japan); Hiroshi Handa (Kawasaki, Japan);
Hirotaka Kida (Kawasaki, Japan); Masamichi Mineshita
(Kawasaki, Kanagawa, Japan); Noriaki Kurimoto (Kawasaki,
Japan); Seiichi Nobuyama (Kawasaki, Japan); Takehiko
Hiramoto (Kawasaki, Japan); Takeo Inoue (Kawasaki,
Japan); Teppei Inoue (Kawasaki, Japan); Teruomi Miyazawa
(Kawasaki, Japan)

33496

8:40 AM-11:25 AM

**SYMPOSIUM 19: ALL YOU WANT TO KNOW
ABOUT ENDOBRONCHIAL STENTS**

GOLD ROOM

Chair: Lutz Freitag (Essen, Germany)
Co-Chair: Ramon Rami Porta (Spain)

METALLIC Y-STENTS: NEW DEVICE IN THE
ARMAMENTIERIUM OF THE INTERVENTIONAL
PULMONOLOGIST

Ralf Eberhardt (Heidelberg, Germany)

SURFACE OF THE METALLIC STENT:
DETERMINANT OF SUCCESS

Lutz Frietag (Essen, Germany)

9:30 AM- 9:55 AM

REFRESHMENT BREAK

EXHIBIT HALL

Y-STENTS?...WHY NOT?...INDICATIONS AND
CONTRAINDICATIONS FOR DISTAL
TRACHEOBRONCHIAL RECONSTRUCTION WITH
EXTENDED PROSTHESES.

Michael Machuzak (Cleveland, United States)

SEEING IS BELIEVING...HYBRID EXTRACTION OF
INCORPORATED METALLIC AIRWAY STENTS

Sudish Murthy (Cleveland, United States)

33555

DOES A METALLIC TRACHEOBRONCHIAL STENT
AFFECT RADIATION DOSE IN THE AIRWAY AND
SURROUNDING TISSUES? AN IN VIVO STUDY USING
A PORCINE MODEL AND COMPUTED TOMOGRAPHY
(CT) RADIATION TREATMENT PLANNING

Faiz Y Bhora (New York, United States); Andrew Evans
(New York, United States); Anudh Jain (New York, United
States); David Lee (New York, United States); Freida
Trichter (New York, United States); Gary Schwartz (New
York, United States); Jason Ostenson (New York, United
States); Koji Park (New York, United States); Sadiq
Rehmani (New York, United States); Syed Razi (New York,
United States)

33538

EFFICACY AND SAFETY OF AIRWAY STENTING
BOUND WITH IODINE-125 SEEDS IN TREATING
TUMOROUS AIRWAY STENOSIS

Jianlin Hu (Chongqing, China)

33522

COMPLEX METALLIC STENT REMOVAL: DECADE
AFTER DEPLOYMENT

Danai Khemasuwan (Cleveland, United States); Michael Shawn Machuzak (Cleveland, United States); Thomas R Gildea (Cleveland, United States)

33476

MANAGEMENT OF COMPLEX AIRWAY STENOSIS IN LUNG TRANSPLANT RECIPIENTS WITH MODIFIED SILICONE STENTS

Divya C Patel (Cleveland, United States); Michael Shawn Machuzak (Cleveland, United States)

33173

BACTERIAL COLONIZATION IN PATIENTS WITH TRACHEOBRONCHIAL STENTING

Milena Encheva (Sofia, Bulgaria); Encho Savov (Sofia, Bulgaria); Kosta Kostov (Sofia, Bulgaria)

8:40 AM-11:25 AM

SYMPOSIUM 20: CURRENT STATUS OF PLEUROSCOPY

AMBASSADOR

Chair: Y C Gary Lee (Perth, Australia)
Co-Chair: Semra Bilaceroglu (Izmir, Turkey)

PLEUROSCOPY: WHY DO IT; HOW TO LEARN; WHICH TECHNIQUE?

Philippe Astoul (Marseille, France)

WHERE SHOULD PLEUROSCOPY BE PLACED IN THE DIAGNOSTIC WORKUP OF PLEURAL EFFUSION IN 2012?

Y C Gary Lee (Perth, Australia)

9:30 AM- 9:55 AM

REFRESHMENT BREAK

EXHIBIT HALL

DEBATE: • 10 DO'S AND DON'TS: OLD TRICKS FROM THE MASTERS • YOUNG GUNS AND NEW TOYS

Henri Colt (Irvine, United States); Pyng Lee (Singapore)

DEBATE: THORACOSCOPIC PLEURODESIS IS PREFERRED OVER INDWELLING PLEURAL CATHETER IN MALIGNANT PLEURAL EFFUSION MANAGEMENT

Alain Tremblay (Calgary, Canada); Francis Sheski (Indianapolis, United States)

- 33533 PLEUROSCOPY: TERTIARY CARE CENTRE
EXPERIENCE IN GUJARAT
Mukesh N Patel (Ahmedabad, India); Varun R Patel
(Ahmedabad, India)
- 33274 DRAMATIC REDUCTION OF CEA POST SPRAY
CRYOTHERAPY IN A PATIENT WITH PLEURAL
BASED MALIGNANCY
Gordon Hunter Downie (Mt Pleasant, United States); Adam
Wellikoff (Shreveport, United States)
- 33224 FULL-THICKNESS PLEURAL BIOPSY TECHNIQUE
USING AN INSULATED-TIP DIATHERMIC KNIFE
DURING SEMIRIGID PLEUROSCOPY
Shinji Sasada (Tokyo, Japan); Hiroyuki Sakurai (Tokyo,
Japan); Hisao Asamura (Tokyo, Japan); Kunimitsu,
Kawahara (Osaka, Japan); Norio Okamoto (Osaka, Japan);
Shun-ichi Watanabe (Tokyo, Japan); Takaaki Tsuchida
(Tokyo, Japan); Takehiro Izumo (Tokyo, Japan); Yukiko
Nakamura (Tokyo, Japan)
- 33188 THE NEW INTERVENTIONAL TECHNIQUE BY
PHOTODYNAMIC THERAPY USING COMPOSITE-
TYPE OPTICAL FIBERSCOPE OF 1.0 MM IN
DIAMETER FOR PERIPHERAL PARENCHYMAL
LESION
Jitsuo Usuda (Shinjuku-ku, Japan); Hidetoshi Honda (Tokyo,
Japan); Hisashi Saji (Tokyo, Japan); Ken Imai (Shinjuku-ku,
Japan); Norihiko Ikeda (Tokyo, Japan); Taichirou Ishizumi
(Tokyo, Japan); Tatsuo Ohira (Tokyo, Japan); Yujin Kudo
(Tokyo, Japan)

11:25 AM- 12:25 PM

**LUNCH
POSTER SESSION VIEWING**

**ON YOUR OWN
WHITEHALL**

12:25 PM- 2:05 PM

**SYMPOSIUM 21: RADIOGRAPHIC
BRONCHOSCOPIC CORRELATION**

**GRAND
BALLROOM A**

Chair: Jeffrey Kanne (Madison, United States)
Co-Chair: David Naidich (New York, United States)

RADIOLOGY OF SMALL AIRWAYS DISEASES FOR A

BRONCHOSCOPIST

Gerald Abbott (United States)

RADIOLOGY OF TRACHEAL DISEASE

Jonathan Chung (Denver, United States)

CT-BRONCHOSCOPIC CORRELATION

Jeffrey Kanne (Madison, United States)

ADVANCED RADIOLOGY METHODS FOR
VISUALIZING THE AIRWAYS

David Naidich (New York, United States)

12:25 PM- 2:05 PM

**SYMPOSIUM 22: SURGICAL MANAGEMENT OF
AIRWAY LESIONS**

GOLD ROOM

Chair: Sudish Murthy (Cleveland, United States)

Co-Chair: Tony Gray (Boxborough, United States)

LARYNGOTRACHEAL RECONSTRUCTION FOR
BENIGN DISEASE

Brian Burkey (Cleveland, United States)

SIMPLE SOLUTION FOR CHRONIC
TRACHEOCUTANEOUS FISTULA

Siva Raja (Cleveland, United States)

CERVICAL TRACHEAL RESECTION: OPTIMAL
MANAGEMENT OF SHORT-SEGMENT STENOSIS

Malcolm DeCamp (Boston, United States)

COMPLEX RESECTION & RECONSTRUCTION OF THE
MID AND DISTAL TRACHEA: INDICATIONS AND
TECHNIQUES

Sudish Murthy (Cleveland, United States)

12:25 PM- 2:05 PM

**SYMPOSIUM 23: ANESTHESIA FOR
INTERVENTIONAL BRONCHOSCOPY**

AMBASSADOR

Chair: Basem Abdelmalak (Cleveland, United States)

Co-Chair: Mona Sarkiss (Houston, United States)

ANESTHESIA FOR ADVANCED DIAGNOSTIC
BRONCHOSCOPY

Mona Sarkiss (Houston, United States)

ANESTHETIC CONSIDERATIONS AND TECHNIQUES
FOR INTERVENTIONAL PULMONOLOGY
PROCEDURES

Basem Abdelmalak (Cleveland, United States)

ANESTHESIA FOR SPECIAL BRONCHOSCOPIC
SURGERY CASES: MEDIASTINAL MASS AND
RUPTURED TRACHEA

John Doyle (Cleveland, United States)

CONTROVERSIES IN ANESTHESIA AND SEDATION
FOR ADVANCED DIAGNOSTIC BRONCHOSCOPY

Joseph Cicenja (Cleveland, United States)

2:05 PM- 2:20 PM

REFRESHMENT BREAK

EXHIBIT HALL

2:20 PM- 4:00 PM

**SYMPOSIUM 24: MODES OF ENDOBRONCHIAL
RADIATION RADIOFREQUENCY ABLATION**

**GRAND
BALLROOM A**

Chair: David Ost (Houston, United States)

Co-Chair: Michael Simoff (Detroit, United States)

BRACHYTHERAPY: PRIMARY, ADJUNCT AND
COMBINED TREATMENT MODALITY

David E Midthun (Rochester, United States)

RADIATION THERAPY: AN UPDATE

Gregory Videtic (Cleveland, United States)

STEREOTACTIC BODY RADIATION THERAPY,
PROTON BEAM THERAPY AND RECENT ADVANCES

Benjamin Movsas (Detroit, United States)

RADIOFREQUENCY ABLATION: LUNG TREATMENT
AS GOOD AS LIVER?

Alda Tam (Houston, United States)

2:20 PM- 4:00 PM

**SYMPOSIUM 25: THERMAL ABLATION &
CRYOTHERAPY OF ENDOBRONCHIAL LESIONS**

GOLD ROOM

Chair: Rodolfo Morice (Houston, United States)

Co-Chair: Fabien Maldonado (Rochester, United States)

**DO I NEED TO PURCHASE A LASER UNIT FOR MY IP
PROGRAM? A DEBATE:**

Georgie A. Eapen (Pro:) (Houston, United States); Tom
Sutedja (Amsterdam, Netherlands)

**CURRENT STATUS OF ENDOBRONCHIAL
CRYOTHERAPY**

Francisco Almeida (Cleveland, United States)

**BAROTRAUMA: UNDERRECOGNIZED ENTITY IN
INTERVENTIONAL PULMONOLOGY**

Fabien Maldonado (Rochester, United States)

**"NO GUTS, NO GLORY" CHALLENGING CASES FOR
INTERVENTIONAL PULMONOLOGIST**

Roberto Fernando Casal (Houston, United States)

2:20 PM- 4:00 PM

**SYMPOSIUM 26: PERCUTANEOUS DILATATIONAL
TRACHEOSTOMY (PDT)**

AMBASSADOR

Chair: Ben P. DeBoisblanc (New Orleans, United States)

Co-Chair: Ali Musani (Denver, United States)

ABC OF CIGALIA PDT

Ali Musani (Denver, United States)

**WHY HAS OTOLARYNGOLOGY FAILED TO
EMBRACE PDT?**

Paul Castellanos (Birmingham, United States)

DIFFICULT PDT

Ben DeBoisblanc (New Orleans, United States)

NOVEL TECHNIQUES AND INNOVATIONS IN PDT

David Opperman (Denver, United States); Tony Gray
(Boxborough, United States)

4:00 PM- 5:15 PM

**KEYNOTE ADDRESS: EVOLUTION OF
THERAPEUTIC ENDOSCOPY FOR THE LAST 30
YEARS**

Jean-Francois Dumon (France)

**GRAND
BALLROOM A**

CLOSING CEREMONY

Atul C. Mehta (Cleveland, United States)