



**GENERAL THORACIC
SURGICAL CLUB**

**THIRTY – FIRST
ANNUAL MEETING**

March 8–11 2018



**DOVE
MOUNTAIN**

The Ritz Carlton Dove Mountain
Marana, Arizona

ACKNOWLEDGEMENTS

Thank you to our exhibitors

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Rochester, MN



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ACCREDITATION

▪ **ACCREDITATION STATEMENT**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The Society of Thoracic Surgeons and General Thoracic Surgical Club. The Society of Thoracic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

▪ **DESIGNATION STATEMENT**

The Society of Thoracic Surgeons designates this live activity for a maximum of 13.50 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

▪ **DIRECTIONS TO CLAIM CREDIT**

Please visit www.gtsc.org and click on Evaluation/Claim Credit. This link will be available beginning Sunday, March 11. From this Survey Monkey website, you will be able to evaluate the courses and claim your CME credits. Although this website will not generate your certificate, your credit amount will be recorded. Certificate download instructions will be emailed 3 to 6 weeks after the symposium. For information regarding CME credits following this meeting, please contact Wesley K. Peart, MA, CME Compliance and Program Coordinator at the Society of Thoracic Surgeons office at wpeart@sts.org or 312-202-5834.

PLANNING COMMITTEE DISCLOSURES

Unless otherwise noted, Planning Committee members have no commercial relationships to disclose.

Mark Allen

(Employment- Mayo Clinic; Speakers Bureau/Honoraria and Ownership Interest-Medtronic; Consultant/Advisory Board-STS)

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Dennis Wigle

(Research Grant-Biostage, Evelo, Merck and NIC; Other Research Support-Boston Scientific)

SPEAKER/MODERATOR DISCLOSURES

Unless otherwise noted, speakers/moderators have no commercial relationships to disclose.

Robert Cerfolio

(Consultant/Advisory Board-Bovie, ConMed AirSeal, Covidien, Ethicon, Google, Intuitive, Medtronic, Pinnacle, and Transcentric)

Gail Darling

Trevor Davis

Frank Detterbeck

(Research Grant-Medela; Other-Spiration)

Jessica Donington

Bart Frazzitta

Richard Freeman

Elizabeth Habermann

John Handy

Wayne Hofstetter

Harold Howe

M. Blair Marshall

(Consultant/Advisory Board-Ethicon; Off-Label-V-Loc Suture, Covidien)

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Keith Mortman

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Keith Naunheim

(Speakers Bureau/Honoraria-Beth Israel Deaconess Hospital, Boston Lung Cancer Alliance Nashville)

Daryl Pearlstein

(Speakers Bureau/Honoraria-Intuitive Surgical)

Adrian Sacher

(Speakers Bureau/Honoraria-AstraZeneca; Consultant/Advisory Board-AstraZeneca and Gristone Oncology; Other-AstraZeneca and Genentech-Roche)

Christopher Seder

B Payne Stanifer

SPEAKER/MODERATOR DISCLOSURES

(Continued)

Ara Vaporciyan

Dennis Wigle

(Research Grant-Biostage, Evelo, Merck and NIC;
Other Research Support-Boston Scientific)

Stephanie Worrell

Kazuhiro Yasufuku

(Research Grant-Olympus; Other Research
Support-Siemens, Novadaq and Veran;
Consultant/Advisory Board-Olympus, Intuitive,
Covidien, J & J and Auris Surgical Robotics)

DESIRABLE PHYSICIAN ATTRIBUTES

The speakers will present ideas for patient care that are compassionate and appropriate to treat patients. By attending, participants will increase their medical knowledge of evolving biomedical, clinical and cognate sciences and be able to apply this knowledge to patient care. The activity will teach attendees how to appraise scientific information and improve their practices. The discussion sessions will allow practice and improvement in communication skills among professionals. The lectures on health care issues will demonstrate how thoracic surgeons fit into the larger context of medicine.

GTSC 31st ANNUAL MEETING OVERALL LEARNING OBJECTIVES

Upon completion of this activity, GTSC participants should be able to:

1. Discuss new technology including robotics, bronchoscopic techniques and DNA analysis
2. Evaluate the various technical aspects of robotic surgery, opioid addiction and staging
3. Summarize new concepts in administration, quality improvement, novel therapies, and education.
4. Discuss alternative methods of caring and treating patients with postoperative pain.
5. Explain and discuss peer to peer programs for esophageal cancer and recent developments in MOC.

GTSC 31st ANNUAL MEETING SESSION LEARNING OBJECTIVES

Overall

- The purpose of this meeting is to provide a forum for general thoracic surgeons to learn the most up-to-date information on research, patient care, pathophysiology, surgical techniques and educational methods to maintain the optimum surgical care of general thoracic patients.

Ginsberg Clinical Trials

- These activities are designed to facilitate improved competence and patient outcomes. The format is short presentations followed by discussion.

Sessions I thru IV

- These activities are designed to facilitate improved competence, performance-in-practice and patient outcomes. The format is didactic lectures with extensive discussion after each session.

**GTSC 31st ANNUAL MEETING
SESSION LEARNING OBJECTIVES
(CONTINUED)**

Movie Night

- This activity is designed to facilitate improved understanding of the technical aspects of various general thoracic surgical procedures and provide an open forum for discussion about surgical decision making and techniques.

Super Bowl of X-Rays

- This activity is designed to facilitate improved competence in performance-in-practice and improved patient outcomes. The format is case studies via presentation of patients with unusual radiographic findings and a contest between teams to make the proper diagnosis and treatment.

SCHEDULE OF EVENTS

31st ANNUAL MEETING GENERAL THORACIC SURGICAL CLUB

Thursday, March 8, 2018

Robert. J. Ginsberg Clinical Trials
Ritz-Carlton Plaza 1 & 2
(casual attire)

- 7:30 a.m.** **Continental Breakfast**
(Clinical Trials Attendees Only)
- 8:00 a.m.** **Welcome and Introduction**
Drs. Dennis Wigle &
Linda Martin
- 8:10 a.m.** **Focused Review of**
Cooperative Group Trials
with Thoracic Surgery
Involvement
- CALGB 140503 – Limited**
Resection vs Lobectomy
Dennis Wigle, M.D.
- ALCHEMIST –**
Dennis Wigle, M.D.
- SWOG:**
- NCIC – Gail Darling, M.D.**
- RTOG 1010 –**
Linda Martin, M.D.
- Varenicline Pre-Surgery**
Dennis Wigle, M.D.
Linda Martin, M.D.
- Pre-Op Rehabilitation**
Dennis Wigle, M.D.
Linda Martin, M.D.

Thursday, March 8, 2018 (con't)

IIIA Update –
Linda Martin, M.D.

Esophageal Cancer Studies –
Linda Martin, M.D.

10:00 - 10:30 a.m. Break

**10:30 a.m. Other Concepts/Novel
Trial Ideas**

**11:00 a.m. Update on General
Thoracic Surgery Trials
Network Development**

**11:15 a.m. Trials Network Concepts
Summary /Review of
Empty Spaces**

NOON Wrap-up and Adjourn

**1:00 – 8:00 p.m. Registration Desk Open
*Library***

**7:00 – 10:00 p.m. Welcome Reception
*Tortolita Ballroom & Terrace
(casual attire)***

Friday, March 9

**7:00 a.m. – Noon GTSC Hospitality Desk
Open
*Ritz-Carlton Foyer***

**7:00 – 9:00 a.m. Breakfast
*Tortolita A & B***

Friday, March 9 (con't)

- 8:00 – Noon** **Exhibits & Poster Display**
Ritz-Carlton Plaza 3 & 4
- 8:00 – Noon** **Scientific Session**
Ritz-Carlton Plaza 1 & 2
(casual attire)
- 8:00 – 8:05 a.m.** **Introduction/Announcements**

SESSION I

Moderator: Gail Darling, M.D.

- 8:05 – 8:35 a.m.** **Bronchoscopic Techniques
for Lung Cancer Diagnosis
and Treatment**
Kazuhiro Yasufuku, M.D.
- 8:35 – 9:05 a.m.** **The Use of Free DNA
Analysis for Lung Cancer**
Adrian Sacher, M.D.
- 9:05 – 9:25 a.m.** **The Society of Thoracic
Surgeons Update**
Keith Naunheim, M.D.
President,
*The Society of Thoracic
Surgeons*
- 9:25 – 9:35 a.m.** **Discussion**
- 9:35 – 10:00 a.m.** **Break**
Ritz-Carlton Plaza 3 & 4

SESSION II

Moderator: Jessica Donington, M.D.

- 10:00 - 10:30 a.m.** **Robots I**
Kazuhiro Yasufuku M.D.
- 10:30 – 10:50 a.m.** **Robots II**
Robert Cerfolio, M.D.

Friday, March 9 (con't)

10:50 – 11:10 a.m. Initiating an Enhanced Recovery Program
Linda Martin, M.D.

11: 10 – 11:30 a.m. The Opioid Crisis – What Can Thoracic Surgeons Do?
Elizabeth Habermann, PhD.

11:30 – NOON Discussion

NOON Lunch
Tortolita Lawn & Terraces

NOON Golf Tournament
(Confirm participation Thursday at GTSC registration desk-
Box lunches provided)

EVENING SESSION

5:30 – 7:00 p.m. Movie Night
Ritz-Carlton Plaza 1 & 2
Moderator:
Mark Ferguson, M.D.
(casual attire)

5:30 – 5:45 p.m. VATS Sequestration
Christopher Seder, M.D.

5:45 – 6:00 p.m. Giant Zenker's Diverticulum
Keith Mortman, M.D.

6:00 – 6:15 p.m. Esophageal Cyst
B. Payne Stanifer, M.D.

6:15 – 6:30 p.m. Localization of Pulmonary Nodules
Daryl Pearlstein, M.D.

6:30 – 6:45 p.m. Bronchus Intermedius Sleeve Resection
M. Blair Marshall, M.D.

Friday, March 9 (con't)

6:45 – 7:00 p.m. **Left Upper Lobe
Segmentectomy**
Stephanie Worrell, M.D.

7:00 – 10:00 p.m. **Dinner**
Tortolita A & B
(casual attire)

Saturday, March 10

6:20 a.m. – Noon **GTSC Hospitality Desk
Open**
Ritz-Carlton Foyer

6:30 a.m. **Fun Run**
Front Drive
(sign-up at GTSC registration desk)

7:00 – 9:00 a.m. **Breakfast**
Tortolita A & B

8:00 – Noon **Exhibits & Poster Display**
Ritz-Carlton Plaza 3 & 4

8:00 a.m. – Noon **Scientific Session**
Ritz-Carlton Plaza 1 & 2
(casual attire)

8:00 – 8:05 a.m. **Introduction/Announcements**

8:05 – 8:25 a.m. **Abstract Presentations**
Moderator:
Ara Vaporciyan, M.D.
*(5 minute presentation, 5 minute
discussion)*

**Results of Low Dose CT
Lung Cancer Screening at
a Non-University Tertiary
Hospital System**
John Handy, M.D.

Saturday, March 10 (con't)

**Assessing Unplanned
Healthcare Encounters
following Resection for
Non-Small Cell Lung
Cancer (NSCLC): Should
We Be More Proactive?**
Trevor Davis, M.D.

SESSION III

Moderator: Harold Howe, M.D.

**8:25 – 8:45 a.m. The New Lung Cancer
Staging System**
Frank Detterbeck, M.D.

**8:45 – 9:05 a.m. The New Esophageal
Cancer Staging System**
Wayne Hofstetter, M.D.

**9:05 – 9:35 a.m. Novel Therapies for
Thoracic Malignancies**
Adrian Sacher, M.D.

9:35 – 10:00 a.m. Discussion

10:00 – 10:25 a.m. Break
Ritz-Carlton Plaza 3 & 4

SESSION IV

Moderator: Linda Martin, M.D.

10:25 – 10:45 a.m. Flipping the Classroom
Ara Vaporciyan, M.D.

**10:45 – 11:05 a.m. Peer to Patient Program
for Esophageal Cancer**
Bart Frazzitta

11:05 – 11:25 a.m. Update on ABTS MOC
Bryan Meyers, M.D.
Chair, ABTS

11:25 – 11:45 a.m. DISCUSSION

Saturday, March 10 (con't)

11:45 – NOON BUSINESS MEETING

NOON Lunch
Tortolita Lawn & Terraces

1 – 4 p.m. Tennis Tournament

EVENING SESSION
Ritz-Carlton Plaza 1 & 2

5:30 – 7:00 p.m. Super Bowl of X-Rays
*Richard Freeman/
Linda Martin/
John Mitchell*

6:00 – 10:00 p.m. Children's program
Dove Mountain Ballroom
(please sign up at GTSC
registration desk)

7:00 p.m. Champagne Reception
Tortolita Foyer

7:30 p.m. Gala Dinner and Awards
Tortolita A & B
(*semi-formal*)

**REMEMBER TO
SPRING AHEAD TONIGHT**

Sunday, March 11, 2018

7:00 – 10:00 a.m. Breakfast
Tortolita A & B

Coffee and rolls are available beginning at 5:00 a.m. in the Reception Center for those members who are on their way prior to breakfast.

We hope that you enjoyed the 31st Annual Meeting and hope to see you next year at the Naples Grande Beach Resort, Naples, Florida, March 7 – 10, 2019.

**Peter C. Pairolero Scholarship
Award Recipients**

Dr. Leah Backhus – 2008
Dr. Bryan Whitson – 2009
Dr. James Harris – 2010
Dr. Mara Antonoff – 2011
Dr. Ryan Macke – 2012
Dr. Shawn S. Groth – 2013
Dr. Gary Schwartz – 2014
Dr. Loretta Erhunmwunsee – 2015
Dr. Biniam Kidane – 2016
Dr. Vernissia Tam – 2017
Dr. Jessica Hudson – 2018

**Society of Thoracic Surgeons Scholarship
Award Recipients**

Dr. Daniel Buitrago – 2018
Dr. Stephanie Worrell - 2018

Future Meetings

March 7 – 10, 2019
Naples Grande Beach Resort
Naples, Florida

March 12 – 15, 2020
Hilton Tucson El Conquistador
Tucson, Arizona

March 11 – 14, 2021
Hyatt Regency Coconut Point
Bonita Springs, Florida

PAST MEETINGS

1988

Mission Hills Resort
Rancho Mirage, California

1989

La Quinta Hotel Golf & Tennis Resort
La Quinta, California

1990

Marriott's Rancho Las Palmas
Resort & Country Club
Rancho Mirage, California

1991

South Seas Plantation Resort & Yacht Harbour
Captiva Island, Florida

1992

South Seas Plantation Resort & Yacht Harbour
Captiva Island, Florida

1993

South Seas Plantation Resort & Yacht Harbour
Captiva Island, Florida

1994

The Pointe Hilton Resort on South Mountain
Phoenix, Arizona

1995

South Seas Plantation Resort & Yacht Harbour
Captiva Island, Florida

1996

La Quinta Hotel Golf & Tennis Resort
La Quinta, California

1997

South Seas Plantation Resort & Yacht Harbour
Captiva Island, Florida

1998

La Costa Resort and Spa
Carlsbad, California

PAST MEETINGS (con't)

1999

Radisson Suite Beach Resort
Marco Island, Florida

2000

Sheraton El Conquistador
Resort & Country Club
Tucson, Arizona

2001

South Seas Plantation Resort & Yacht Harbour
Captiva Island, Florida

2002

Sheraton El Conquistador
Resort & Country Club
Tucson, Arizona

2003

The Registry Resort
Naples, Florida

2004

The Wigwam Resort
Litchfield Park, Arizona

2005

The Registry Resort
Naples, Florida

2006

Hilton El Conquistador Resort & Country Club
Tucson, Arizona

2007

South Seas Resort
Captiva Island, Florida

2008

Rancho Bernardo Inn
San Diego, California

2009

The Don CeSar
St. Pete Beach, Florida

PAST MEETINGS (con't)

2010

La Costa Resort & Spa
Carlsbad, California

2011

South Seas Resort
Captiva Island, Florida

2012

Rancho Bernardo Inn
San Diego, California

2013

Waldorf Astoria
Naples, Florida

2014

Wigwam Golf Resort & Spa
Litchfield Park, Arizona

2015

Naples Grande Beach Resort
Naples, Florida

2016

Hilton Tucson El Conquistador
Tucson, Arizona

2017

Hilton Clearwater Beach
Clearwater Beach, Florida

Early History of the General Thoracic Surgical Club

In July 1984, Victor Trastek joined Peter Pairolero as a consultant in general thoracic surgery (GTS) at Mayo Clinic in Rochester, Minnesota. Trastek had just returned from a fellowship in thoracic surgery at Toronto General Hospital. Together, Trastek and Pairolero developed a "Table of Organization" for GTS at Mayo Clinic. A footnote of this local reorganization was the need for a national conference dedicated to GTS.

In January 1985, the 21st Annual Meeting of The Society of Thoracic Surgeons (STS) was held in Toronto. The meeting occurred over two-and-a-half days and consisted of five general plenary sessions with a total of 43 presentations--33 cardiac and 8 thoracic (18.6%). This limited number of GTS presentations was quite common at the annual meetings of both the STS and the American Association for Thoracic Surgery (AATS) in the 1980s. Clearly, these few presentations did not meet the needs of general thoracic (GT) surgeons.

In March 1985, Thomas DeMeester and Peter Pairolero discussed the need for an annual meeting dedicated to GTS. DeMeester suggested a regional meeting in the central-northeast section of the United States patterned after the Southern and Western Thoracic Surgical Associations. Other GT surgeons were queried; while most were enthusiastic, a few were not in favor of such an endeavor.

In April 1986, Robert Ginsberg, Thomas Todd, and Victor Trastek met at the International Stapling Symposium in Pittsburgh to discuss the creation of a general thoracic surgical meeting with the objectives being a forum for clinical surgery, research, and education. They proposed the name "General Thoracic Surgical Club". They developed a timetable that would result in the first meeting occurring during the third week of January 1988. The meetings were "to alternate between summer and winter locations that provide a good social atmosphere for having fun." Todd agreed to develop bylaws, Ginsberg the program, and Trastek to arrange logistics and serve as secretary.

In May 1986, Todd delivered the bylaws with the name General Thoracic Surgical Club (GTSC). The organization would have a president and secretary/treasurer. Only board-certified surgeons whose practice consisted of at least 50% GTS were eligible for membership. Members would be required to pay dues and participate in the annual meetings. The club would have three committees: program, membership, and education.

In July 1986, Jean Deslauriers and Robert Ginsberg proposed four meeting objectives that included improving the quality of clinical surgery, establishing a forum for basic and clinical research, developing standards for GTS training, and encouraging international participation. They also proposed a two-and-a-half day meeting with two half-day scientific sessions that included four symposia--three clinical and one resident education.

In August 1986, Deslauriers, Ginsberg, Pairolero, and Trastek met to select ten GT surgeons to serve on a steering committee that would meet at the American College of Surgeons meeting in New Orleans. Thomas DeMeester, Jean Deslauriers, Pen Faber, Robert Ginsberg, E. Carmack Holmes, Joseph Miller, Gordon Murray, Peter Pairolero, Thomas Todd, and Victor Trastek were asked to serve. The steering committee met on October 21, 1989, at the Elmwood Room in the Hilton Hotel in New Orleans. Almost immediately, the proposed name of the organization as a club became controversial. After a long discussion no resolution could be reached and the issue was tabled. The group went on to recommend that the organization should have five committees (membership, program, education, legal, and nominating) and that membership should be limited to 200. Meetings were to be held in small resorts and were to alternate between summer and winter. The group unanimously decided that all presentations were to be made by surgeons and not by residents.

In January 1987, 22 GT surgeons, including Hermes Grillo, who was STS President that year, attended an organizational GTS meeting at the Loews Anatole Hotel in Dallas. The group consensus now was that the organization should be a club. January 1988 was selected as the first

meeting date and Camelback Mountain Resort in Phoenix was selected as the site (later it became apparent that the club could not afford Camelback's rates and Mission Hills in Rancho Mirage was eventually selected instead).

In April 1987, 14 GT surgeons met at the Como Inn in Chicago during the 1987 Annual Meeting of the AATS. The group decided that the first meeting would be limited to 75 members. Dues were set at \$300, and William Nelems was the first surgeon to submit dues.

In September 1987, Robert Ginsberg, Martin McNeally, Joseph Miller, Peter Pairolero, Thomas Todd, and Victor Trastek met at the annual meeting of the STS in Toronto. Fifty-nine members had already registered for the first meeting. The scientific program organized by Ginsberg was approved. The social program was also organized and consisted of a welcome party on Thursday, golf on Friday afternoon, a fun run Saturday morning, and tennis on Saturday afternoon. Vendor sponsorship was also approved, and by October four vendors had agreed to sponsor the 1988 meeting.

The First Annual Meeting of the GTSC was held in Rancho Mirage on January 22-24, 1988. Ginsberg, McKneally, Miller, Pairolero, Todd, and Trastek were approved as the first Executive Committee members. Ginsberg also arranged for the Executive Committee of the Lung Cancer Study Group to meet the day before the first GTSC Annual Meeting. This pre-meeting combined with the first scientific session that dealt with the neoadjuvant treatment for stage III lung cancer was the beginning of what was in later years to become the "Robert J. Ginsberg Clinical Trials."

At the Tenth Annual Meeting of the GTSC Jean Deslauriers, Robert Ginsberg, Joseph Miller, Peter Pairolero, Thomas Todd, and Victor Trastek were recognized as the Founding Members of the General Thoracic Surgical Club.

