

SHAUN L. W. SAMUELS, MD, FSIR

Personal Information

Name in full: Shaun Laurence Wilkie Samuels, M.D., FSIR

Business Address: 2950 NE 188th St,
Suite 335
Aventura, FL 33180

Business Phone: (305) 608-1099

Home Address: 2950 NE 188th St, #335
Aventura, FL 33180

Home Phone: (305) 608-1099

Date of Birth: 10 May 1961

Place of Birth: Hollywood, California

Citizenship: U.S.A.

Education

College: University of California, Berkeley, B.Sc., Bioengineering with Honors, 1983

Medical School: Northwestern University Medical School, M.D., 1987

Fellowship: University of California, San Francisco, October 1987-June 1988,
Medical Education in Radiology

Internship: Harbor-UCLA Medical Center, Torrance, CA, June 1988-June 1989,
Internal Medicine

Residency: LA County USC Medical Center, July 1991-July 1995, Diagnostic Radiology.
Chief Resident, July 1994-July 1995.

Fellowship: Miami Vascular Institute, Miami, FL, July 1995- July 1996.

Board Certification

Diagnostic Radiology, Diplomate, Awarded June 1995, American Board of Radiology

Certificate of Added Qualification (CAQ), Vascular and Interventional Radiology, American Board of Radiology,
Valid through 2021

Professional Background

American Heart Association Fellowship, studying renal angioplasty patency under direction of Dr. William G. Hayden, Palo Alto, 1982

Biomedical Engineer, with Dr. Thomas J. Fogarty, angioplasty catheter research and design, Palo Alto, 1982

Emergency Physician, Washington Medical Center, Culver City, California, 1990-1991

Professional Appointments/Employment

Clinical Assistant Professor, Department of Radiology, Division of Cardiovascular/Interventional Radiology, Stanford University Hospital, Stanford, California, August 1996-November 2001

Staff Physician, Department of Radiology; Division of Cardiovascular/interventional Radiology; Palo Alto VA Medical Center, Palo Alto, California, August 1996- November 2001

Chief, Division of Cardiovascular/Interventional Radiology, Palo Alto VA Medical Center, Palo Alto, California, 2000-2001

Staff physician, department of radiology, Kaiser Permanente, Santa Clara, California, December 2001-January 2002

Staff physician, Miami Cardiac and Vascular Institute, Miami, Florida, June 2002-April 2016

Staff physician, Oroville Hospital, Oroville, California, December 2016-present

Staff physician, Unique Interventional Radiology, Miami, Florida, January 2018-December 2018

Staff physician, Florida Endovascular and Interventional, Miami Lakes, Florida, December 2018-March 2019

Staff physician, Sacred Heart-Ascension Medical Center, Pensacola, Florida, August 2019-March 2020

Leadership Roles:

Chief Resident in Radiology, LA County USC Medical Center, 1994-95

Division Chief, Interventional Radiology, Palo Alto VA Medical Center, 2001-2002

Leadership Roles BAPTIST HOSPITAL/MCVI:

Program Director, ISET, 2005-Present

Lead Program Director, CIO, 2009-2018:

Initiated and executed one of the most successful, well-attended meetings in interventional oncology in the nation. Over 500 attendees per year.

Member, Institutional Review Board, 2011-2012

Coordinator of Interventional Oncology, MCVI, 2012-2016

Member of Strategic Planning Committee for Baptist Cancer Center, deeply involved in the development of oncologic services for the Baptist Health Care System

Coordinator, Physician's Assistants Program, MCVI, 2010-2016

Society Memberships

Radiological Society of North America, 1992-2010

Society of Interventional Radiology, 1994-present

American Medical Association, May 2006-2012

Honors

Best Doctors 2011- 2012

Society of Interventional Radiology Fellowship Induction, June 2011

Institutional Service

Undergraduate Advisor, Natural Sciences, Undergraduate Advising Center; Stanford University, 1996-1999.

Research Activities

Major areas of research interest:

Catheter design; new device development for endovascular aneurysm repair; endovascular therapy for cardiac disease; inferior vena cava filter design; endovascular therapy for femoropopliteal occlusive disease. Device development for the removal of thrombus and other material from the vascular system.

Patents

[US20100292772A1](#)

Endovascular Router Device and Method

2010-11-18

WO2016200490A1

Method and apparatus for inflation of inflatable elements within medical devices.

2016-4-20

[US6588588](#)

Medical guidewire adapter for packaging reuse

2003-07-08

[US6375006](#)

Method and apparatus for storing medical guidewires

2002-04-23

[US6047825](#)

Method and apparatus for storing medical guidewires

2000-04-11

[US6159230](#)

Expandable lumen device and method of use

2000-12-12

[US6007575](#)

Inflatable intraluminal stent and method for affixing same within the human body

1999-12-28

[US5947995](#)

Method and apparatus for removing blood clots and other objects

1999-09-07

[US5848964](#)

Temporary inflatable filter device and method of use

1998-12-15

[US5843108](#)

Over the wire scalpel

1998-12-01

[US5423851](#)

Method and apparatus for affixing an endoluminal device to the walls of tubular structures within the body
1995-06-13

Publications

Original Papers/ Abstracts:

Dake MD, Semba CP, Kee ST, Razavi MK, Slonim SM, **Samuels SL**. Recanalization of longstanding inferior vena cava obstruction using endovascular stents. (abst) *JVIR(suppl)* **1997**; 8(1): 220.

Dake MD, Semba CP, Kee ST, Razavi MK, Slonim SM, **Samuels SL**. Stent treatment of steal syndromes associated with left subclavian artery obstruction.(abst) *JVIR(suppl)* **1997**; 8(1): 210.

Benenati JF, Becker GJ, Zemel G, Katzen BT, Goodwin LB, **Samuels SL**. Catheter-directed thrombolysis and intervention for iliofemoral deep venous thrombosis: technique and results.(abst) *JVIR (suppl)* **1997**; 8(1): 185.

Armerding MD, Rubin GD, Beaulieu CF, Slonim SM, Olcott EW, **Samuels SL**, Jorgensen MJ, Semba CP, Jeffrey Jr RB, Dake MD. Assessment of stent-graft treatment of aneurysm disease: CT versus conventional angiography. **1997** RSNA abstract

Kato N, Dake MD, Semba CP, Razavi MK, Kee ST Slonim SM, **Samuels SL**, Terasaki KK, Zarins CK, Mitchell RS, Miller DC. Treatment of aorto-iliac aneurysms with the use of single-piece tapered stent-grafts. *J Vasc Interv Radiol* **1998 Jan**; 9:41-49.

Dake MD, Semba CP, Kee ST, Razavi MK, Slonim SM, **Samuels SL**, Sze DY. Hemobahn: Results of a multi-center feasibility study for stent-graft treatment of iliac and femoral occlusive disease. (abst). Presented at the Malmo international Symposium on Critical Issues in Endovascular Grafting. **Jan 29-30, 1999**. Malmo, Sweden

Slonim SM, Dake MD, Razavi MK, Kee ST, **Samuels SL**, Rhee JS, Semba CP. Management of misplaced or migrated endovascular stents. *J Vasc Interv Radiol* **1999**; 10: 851-859.

Ahmed A, **Samuels SL**, Keeffe EB, Cheung RC. Delayed fatal hemorrhage from pseudoaneurysm of the hepatic artery after percutaneous liver biopsy. *Am J Gastroenterology* **2001**; 96: 233-237.

Fann JI, **Samuels SL**, Slonim SM, Burdon TA, and Dalman RL. Treatment of abdominal aortic anastomotic pseudoaneurysm with percutaneous coil embolization. *J Vasc Surg* **2002**; 35:811-4

MacLean AA, Benenati JF, Kovacs MF, Katzen BT, Zemel G, Powell A., **Samuels SL**.: "Thoracic Aortic Stents in a High Risk Patient Cohort: Analysis of a 10 Year Experience". Submitted to *AHA* **2005**.

Diehm N, Dick F, Kovacs M, Zemel G, Powell A, Benenati JF, **Samuels S**, Katzen BT. Influence of stent type on hemodynamic depression after carotid artery stenting. Submitted for publishing to JVIR.

Nicolas Diehm, Barry T. Katzen, **Shaun Samuels**, Constantino Pena, Alex Powell, Florian Dick Sixty-four–detector CT Angiography of Infrarenal Aortic Neck Length and Angulation: Prospective Analysis of Interobserver Variability, **03 June 2008** Journal of Vascular and Interventional Radiology

Vahid Etezadi, Barry T. Katzen, James F. Benenati, Alex Powell, **Shaun Samuels**, Constantino Pena. Outcomes of Endovascular Treatments of SFA and Popliteal Artery Occlusions at Baptist Cardiac and Vascular Institute. Ongoing registry

Vahid Etezadi, Margaret E. Kovacs, Barry T. Katzen, James F. Benenati, Alex Powell, **Shaun Samuels**, Constantino Pena. Endovascular Aortic Aneurysm Repair (EVAR): Does gender affect long-term outcomes? Abstract submitted at AHA annual meeting 2009. (Declined)

Vahid Etezadi, Michael Gordon, Amardeep Johar, **Shaun Samuels** Transhepatic Puncture Of Portal And Hepatic Veins For TIPS In A 5 Year Old Child Using A 22 Gauge Needle And A Co-Axial Introducer Kit. Abstract submitted at SIR annual meeting 2010. (Declined)

Vahid Etezadi, John Gleason, **Shaun Samuels**, A New Scoring System to Evaluate Infrapopliteal Runoff in Order to Predict Success in SFA Interventions. Presented as Fellows research project at BCVI ground round.

Vahid Etezadi, John Gleason, **Shaun Samuels**, A New Scoring System to Evaluate Infrapopliteal Runoff in Order to Predict Success in SFA Interventions. Presented as Fellows research project at BCVI ground round.

Predictors for retrieval attempt and failure in patients with inferior vena cava filters
Philipp Geisbüsch MD^{1,2}, Joseph Couvillon M.D.¹, Constantino S. Peña MD¹, Alex Powell M.D.¹, **Shaun Samuels** MD¹, Ripal Gandhi MD¹, James F Benenati MD¹
Submitted for publication JVIR

Geisbusch P, Couvillon J, Pena CS, Powell A, **Samuels S**, Gandhi R, Benenati JF. Predictors for Retrieval Attempt and Failure in Patients with Inferior Vena Cava Filters. Submitted for publication – **JVIR 2011.**

Geisbüsch P, Benenati JF, Peña CS, Couvillon J, Powell A, Gandhi R, **Samuels S**, Uthoff H. Retrievable Inferior Vena Cava Filters: Factors that Affect Retrieval Success. [Cardiovasc Intervent Radiol.](#) 2011 Nov 1

Uthoff H, Garcia-Covarrubias G, **Samuels S**, Benenati JF, Moreno NL, Katzen BT. Transapical Endovascular Aortic Repair to Treat Complex aortic Pathologies. **Ann Thorac Surg 2012**; 93:1735-7.

Kreusch A, **Samuels S**, Benenati JF, Uthoff H. Direct percutaneous sac injection with selective bronchial artery embolization for treatment of a thoracic type 2 endoleak. **J Vasc Surg.** submitted

Baker R, **Samuels S**, Benenati JF, Powell A, Uthoff H. Ultrasound Accelerated versus Standard Catheter-Directed Thrombolysis – a Comparative Study in Patients with ilio-femoral Deep Vein Thrombosis. **J Vasc Interv Radiol**, 2012; 23:1460-1466.

Kreusch AS, **Samuels S**, Benenati JF, Schernthaner M, Uthoff H. Direct Percutaneous Sac Injection for Treatment of a Thoracic Type II Endoleak. **J Vasc Interv Radiol**. 2013; 24:1071-1073.

Schernthaner MB, **Samuels S**, Biegler P, Benenati JF, Uthoff H. Ultrasound – Accelerated versus Standard Catheter-Directed Thrombolysis in 102 Patients with Acute and Subacute Limb Ischemia. **J. Vas Interv Radiol**, 2014; 25:1149-1156

Frederic Baumann, MD, Emerson Sharpe, III, MD, Constantino Peña, MD, **Shaun Samuels, MD**, and James F. Benenati, MD . Technical Results of Vacuum-Assisted Thrombectomy for Arterial Clot Removal in Patients with Acute Limb Ischemia. **J Vasc Interv Radiol** 2016; 27:330–335

Eric J. Hohenwarter, James R. Stone, Paul V. O’Moore, Steven J. Smith, J. Bayne Selby, Robert J. Lewandowski, **Shaun Samuels**, Paul M. Kiproff, and others. Multicenter Trial of the VenaTech Convertible Vena Cava Filter. **J Vasc Interv Radiol**, 2017; 28: 1353–1362

Books Chapters

Samuels SL and Dake MD. Extracardiac Vascular Interventions. In Braunwald E, Zipes DP, Libby P, eds. Heart Disease: A Textbook of Cardiovascular Medicine. 6th ed., WB Saunders, Philadelphia

MacClean AA, Benenati JF, Katzen BT, Kovacs MF, Zemel G, Powell A, **Samuels SL**, Puente O: “Comparative Outcomes for retroperitoneal versus Traditional groin Femoral Access for Thoracic Stent Grafts Procedures”. 2005.

Nicolas Diehm, Barry T. Katzen, **Shaun Samuels**, Constantino Pena, Alex Powell, Florian Dick: Sixty-four–detector CT Angiography of Infrarenal Aortic Neck Length and Angulation: Prospective Analysis of Interobserver Variability , 03 June 2008 Journal of Vascular and Interventional Radiology

Presentations

National Meetings

Chronic Iliac Occlusions: Current Issues, Unresolved problems. *Frontiers in Vascular Disease*, Spanish Bay, Oct. 1997.

Surgical vs. Endovascular repair for the treatment of superior vena cava syndrome. *Frontiers in Vascular Disease*, Spanish Bay, Oct. 1998.

1. Infrainguinal interventions. Summit at Squaw Creek. Feb. 1999.
2. Complications of Thrombolysis. Summit at Squaw Creek, Feb. 1999.
3. Iliac Artery Interventions: Basic and Advanced Considerations. Summit at Squaw Creek, Feb. 1999.
4. Mechanical Thrombectomy. Summit at Squaw Creek. Feb. 1999.
5. Stent Grafts for Treatment of Acute Aortic Dissection. Western Angiographic Society. Sept. 1999.
6. Treatment of Subclavian Artery Aneurysms with Stent Grafts. Western Angiographic Society. Sept. 1999.
7. Regional Arterial Thrombolysis: Practical Considerations. *Frontiers in Vascular Disease*, Spanish Bay, Oct. 1999.
8. Stent-grafts for thoracic aneurysms. Brooklyn Endovascular Symposium, Brooklyn, NY, March 2000.
9. Peripheral and Neurovascular Intervention: From Diagnosis to Revascularization; The Principle Devices: Design Iterations, Anatomical Considerations and "Bottom-Line" Extended Follow-up Results; TCT Washington, DC 2003.
10. Update on endovascular arterial procedures. Update on Vascular Disease 2000, Baptist Health Care System, San Antonio, TX 2005.

Invited Lectures

Iliac Stenting and Beyond. Sherman Oaks Community Hospital Lecture, Sherman Oaks

Community Hospital, July 1997.

Iliac Stents. Tarzana Medical Center, Tarzana, California, July 1997.

DVT in the Medically Ill Patient. Baptist Cardiovascular Conference, Baptist Cardiac and Vascular Institute, Miami, FL 2004.

Where Are We After Ten Years of Endovascular Treatment?
"Endotension- When and How to Treat?", EURO PCR May 25- 28, 2004.

Management of Venous Reflux and Varicose Veins. Society of Interventional Radiology, New Orleans, LA, April, 2005.

Peripheral Endografts. Society of Interventional Radiology, New Orleans, LA, April, 2005.

Dialysis Access- Moderator. Society of Interventional Radiology, New Orleans, LA, April, 2005.

Comparative Outcomes of Thoracic Endografts. Society of Interventional Radiology New Orleans, LA April, 2005.

DVT and Pulmonary Embolism - From Diagnosis to Medical Treatment-Baptist Cardiac and Vascular Institute, Miami, FL 2005.

Interventional Radiology-Radiofrequency Ablation, Baptist Hospital, Miami, FL September 2005.

Oncology Conference Series: Update on Liver Metastasis, Baptist Hospital, Miami, FL January 2006.

Endovascular Treatment of Traumatic or Iatrogenic Renal Arterial Disease: Is There a Need for Distal Protection in Renal Arterial Angioplasty and Stenting?
ACIR, Istanbul, Turkey, May 2006

Second Generation of Renal Stents. Do They Improve Outcome?
ACIR, Istanbul, Turkey, May 2006.

Lower Limbs Arteries: Angioplasty and Stenting: Infringuinal: Femoro-popliteal Angioplasty and Stenting.
ACIR, Istanbul, Turkey, May 2006.

New Developments: Branched Stengrafts. Is there a Future?
ACIR Turkey 2006.

Infra-inguinal Intervention, The Role of Cryoplasty Atherectomy Re-entry Devices, Laser, The Role of Interventional Radiology In Endovascular Aneurysm Repair,
AIM Symposium, New York, NY, November 2006.

Infra-inguinal Interventions, Society of Interventional Radiology, Seattle, Washington, March 2007.

Peripheral Lysis, Know On The Go, Baptist Cardiac and Vascular Institute, March 2007.

SFA/Popliteal/Tibial Disease, Session Moderator, AIM Symposium, New York, NY, November 2009.

Uterine Fibroid Embolization/ Pelvic Arteriovenous Malformation: Tried And True Embolic Agent For UFE: Why Gamble When The Results Are So Good? AIM Symposium, New York, NY, November 2009.

Aorta, Session Moderator, AIM Symposium, New York, NY, November 2009.

Central Venous Access Lines: Indications, Basic Insertion Techniques, and Care Management, Know on The Go, Baptist Cardiac and Vascular Institute, December 2009

Embolic Agents for UAE, International Symposium on Endovascular Therapy (ISET). Miami Beach, Florida, January 17- 21, 2010

A Vigorous Debate of the Most Controversial Papers of the Past Year, Session Coordinator, SIR Symposium, Tampa, FL, March 2010

Endovascular Repair for AAA (Hands on), Session Coordinator, SIR Symposium, Tampa, FL, March 2010

Renal Artery Stenosis - Intervention vs Medical Management, Know on The Go, Baptist Cardiac and Vascular Institute, October 2010

The Symposium on Clinical Interventional Oncology, (CIO), Miami Beach, Florida, January 2011.

Carotid Stenting In-Depth, New Frontiers: Treating the Aortic Valve and Ascending Aorta, Transapical Thoracic Aortic Aneurysm Repair, Symposium on Critical Limb Ischemia, SFA and Infrapopliteal Disease , International Symposium on Endovascular Therapy, Miami Beach, Florida, January 15-19, 2012

Endovascular Repair for AAA (Hands On)", Film Panel, Accidents will Happen: Cases Gone Awry. Society of Interventional Radiology (SIR 2012), San Francisco, California, March 25-29, 2012.

Cryoablation , Extrahepatic Tumour Ablation: Case-based Review. European Conference on Interventional Oncology (ECIO) 2012, Florence, Italy, April 25-28, 2012

Case Presentations – Interventional Radiology (IR) Meltdown 2012, Vancouver, Canada May 17-18, 2012

Microwave Ablation – Complement or Competition to RFA? - SYNERGY 2012, Miami Beach, Florida. November 9-11, 2012.

Moderator: Microwave-Runner: A Live Tabletop Roundup of Microwave Technologies. Moderator: Soft Landing: Mellow Talks to Ease You into Saturday Night. Moderator: A Collection of Perplexing

Cases, Unusual Techniques and Crafty Solutions. Clinical Interventional Oncology (CIO), Miami Beach, Florida. January 18-19, 2013.

AAA: Advanced Endovascular Options in the Nonsurgical Candidate; Moderator: Fundamentals of Vascular Diagnosis & Therapy: Practical Information on PAD Diagnosis and Management; Moderator: Advances in Venous Intervention and Embolotherapy; Moderator: Managing Unfavorable EVAR Anatomy; Moderator: Technical Challenges in EVAR and TVAR; SFA Occlusions - How to Recanalize. International Symposium on Endovascular Therapy (ISET), Miami Beach, Florida, January 19-23, 2013.

Panelist: How Far off IFU can you go? Discussion of short necks, snorkels, Hypogastric challenges And other contraindications; Debate: Small Aneurysms and Early Interventions. Society of Interventional Radiology 2013, New Orleans, Louisiana, April 13-18, 2013.

How to Ablate Small RCC: Cryo. WCIO Advancing Interventional Oncology. New York, May 16-19, 2013.

Visceral Aneurysm Embolization, Embolotherapy, Liver Cancer-RFA/MW Abations; Radioembolization in Colon Cancer; Radioembolization in HCC"; Panelist: Emphasis in Technical details, tips and tricks, Presentation of Clinical Case 2. TOPE International-Interactive Symposium, JCPM Trade Center, Brazil. September 5-7, 2013.

Cryoablation. SYNERGY 2013. Miami Beach, Florida. October 18-20, 2013

Clinical Presentations, Relevant Vascular Anatomy and Required Testing; Interventional Approaches: Access Graft, Central Venous and Palmar Arch. TCT 2013, San Francisco, California, October 27 – November 1, 2013.

Moderator: Bring Me Up to Speed – The Last Year in CIO; Moderator: Up My Sleeve - Tips and Tricks on all Sorts of things; Moderator: Bring Me Up to Speed – The Year in IO Technology and Modality; Moderator: Lessons Learned When things Go Wrong. 6th Annual Symposium on CIO, Miami Beach, Florida. January 18-19, 2014.

Moderator – AAA: Basics to Complex", ISET 2014, Miami Beach, Florida, January 18-22, 2014.

Liver Ablation, Moderator: Kidney Cancer. ECIO 2014, Berlin, Germany, April 23-26, 2014.

Oncology – Best of the Rest, Embolotherapy for Neuroendocrine Tumors: When is the Right time for Embolization? (Early, Asymptomatic vs Symptomatic?; Master's Speak: Early Disease, Good Performance Status and Focal Lesion – Ablation. GEST 2014, San Francisco, California, May 1-4, 2014.

Overview of Endovascular Therapies for VTE: Available Devices and Techniques. Venous Thromboembolism Symposium, Baptist Hospital of Miami, Florida, December 13, 2014

Speaker/Moderator: Advances in Aortic Therapy; Speaker/Moderator: Peer-Reviewed Abstracts and late Breaking Trials; Live Cases from MCVI. ISET 2015, Hollywood, Florida, January 31- February 4, 2015.

Moderator: Arterial Visceral Interventions; Learning Lab Workshop: Aneurysm: Repair for AAA; Coordinator: Debates and Controversies; What's in a Name; I'm in Charge Here; I've Got the Exclusive. SIR 2015, Atlanta, Georgia, February 28 -March 5, 2015.

The Importance of Clinical Interventional Radiology in Future Survival. Annual Meeting of the FRS & FRBMA "Surviving and Thriving in a Changed Environment. Key Biscayne, Florida, July 17-19, 2015.

Moderator: Staying on Point: The Year in IO by Disease; Moderator: Tissue Issues: What You Need in Your Biopsy; Case Coordinator: Target Practice: Case Based Discussion of Challenging Biopsies and Complication Management; Moderator: You Down with O.P.P? We're Down with O.P.P. (Opaque Particle Panel); Moderator: Tips and Tricks for all your IO Needs. 8th Annual Symposium on Clinical Interventional Oncology (CIO), Hollywood, Florida, February 6-7, 2016.

Case Coordinator: Where the Rubber Meets the Road: Operation Session on RCC; Moderator: Deep Dive Five (My Very Truly Last Five Cases); Case Coordinator: Viral Video: Case Archives from MCVI; Moderator: Peer Reviewed Abstracts. 28th Annual International Symposium on Endovascular Therapy (ISET), Hollywood, Florida, February 6-10, 2016.

Scientific Exhibits

Fogarty TJ, Kinney T Shoor P, Hayden WG, Zimmerman W, **Samuels SL**, Wu K, and Chin A: "Comparison of angioplasty catheters: forces, technical difficulties, and complications." Technical Exhibit, American College of Surgeons Meeting, Chicago **1982**.

Fogarty TJ, Hayden WG, Kinney T Chin A, and **Samuels SL**: "Comparison of angioplasty catheters: Scientific Exhibit, Radiological Society of North America Meeting, Chicago, **1982**.

Benenati JF, MacLean AA, Katzen BT, Zemel G, Powell A., **Samuels SL**: "Comparative Outcomes of Thoracic Endografts in Symptomatic versus Asymptomatic Patients: a 10 year Analysis." Presented at: SIR - March **2005**.

Program Directorships

Annual International Symposium on Endovascular Therapy (ISET)

Baptist Cardiac & Vascular Institute

January 19-23, 2003

January 24-29, 2004

January 16-20, 2005

January 22-26, 2006
January 28-February 1, 2007
January 20-24, 2008
January 18-22, 2009
January 17- 21, 2010
January 16- 20, 2011
January 15-19, 2012
January 19-23, 2013
January 18-22, 2014
January 31 – February 4, 2015
February 6 - 10, 2016
February, 2017
February, 2018

Annual Symposium on Clinical Interventional Oncology (CIO)

January 18-19, 2009
January 17- 18, 2010
January 16- 17, 2011
January 15-16, 2012
January 19-20, 2013
January 18-19, 2014
January 31 – February 1, 2015
February 6-7, 2016
February, 2017
February, 2018