
FIRAS AL-ALI, M.D.
CURRICULUM VITAE

Marital Status: Married, Two Children

Citizenship: United States

PRESENT TITLES

President: OhioStroke (Summit Neuroendovascular Specialists, LLC)

*Neurointerventional Surgery
Cleveland Clinic - Akron General Hospital
Akron, Ohio.*

Editor for STROKE Medical Journal

EDUCATION

University of Damascus
School of Medicine
Maze Street, Damascus, Syria
Doctor of Medicine, 1985

POSTGRADUATE TRAINING

01/01/00-7/31/01 **Clinical Fellowship in Neuro-Interventional Surgery**
Interventional Neuroradiology
INOVA Fairfax Hospital
3300 Gallows Road
Falls Church, VA 22042-3300
Chief, Interventional Neuroradiology: J.J. Connors III, M.D.

07/01/96-6/30/98 **Clinical Fellowship in Neuroradiology**
University of California San Francisco Medical Center
Department of Radiology, Box 0628, Room L-371
505 Parnassus Avenue, San Francisco, CA 94143-0628
Fellowship Director: A. James Barkovich, M.D.
Chief, Neuroradiology: William P. Dillon, M.D.

07/01/93-6/30/96 **Residency**
American Board of Radiology
Department of Radiology
Medical University of South Carolina
171 Ashley Avenue, Charleston, SC 29425
Residency Director: R. I. Macpherson, M. D.

CURRICULUM VITAE

FIRAS AL-ALI, M.D.

Chairman, Radiology: Jeremy Young, M.D.

07/01/92-06/30/93

Clinical Instructor of Pediatric Radiology

University of California San Francisco Medical Center
Department of Radiology, Box 0628 Room L-372
505 Parnassus Avenue, San Francisco, CA 94143-0628
Chief, Pediatric Radiology: Charles A. Gooding, M.D.

09/01/86-06/30/91

Residency

French Board of Radiology

Diplome Interuniversitaire de Specialite (DIS)

Radiologie Diagnostique, Universite Paris V
D.I.S. de Radiodiagnostic
Pavillon G. Boussy, C.H.U. Cochin
27, rue du Faubourg Saint-Jacques
75674 Paris Cedex 14. France

PROFESSIONAL EXPERIENCE

05.01/2012- Current

Neurointerventional Surgery

Cleveland Clinic - Akron General Hospital

1 Akron General Avenue, Suite 1510
Akron, Ohio 44307

08/01/01- 04/30/2012

Neurointerventional Surgery

Borgess Brain and Spine Institute
Borgess Medical Center
1541 Gull Road, Suite 200
Kalamazoo, MI 49048

08/01/98-12/30/99

Diagnostic Neuroradiology

Saint Joseph Hospital
1100 W. Stewart Drive
Orange, CA 92868

12/01/91-06/30/92

Pediatric Radiology

Service de Radiologie Pediatrique
Centre Hospitalier Du Havre
BP. 24, 76083 Le Havre cedex. France.

01/01/90-11/30/91

Attending Pediatric Radiology

Service de Radiologie
Centre Hospitalier Universitaire de Nice
Hopital Cimiez, 4 Avenue Reine Victoria
BP.179, 06003. Nice cedex 1. France.

AWARDS

- ⊕ Top Radiologist in the USA
The Consumers Research Council of America, 2007
- ⊕ Top Radiologist in the USA
The Consumers Research Council of America, 2006
- ⊕ Award of Margulis Society Research
University of California, San Francisco Medical Center, June 1997
- ⊕ Award of Excellence, Department of Radiology
Medical University of South Carolina, June 1995

CLINICAL TRIAL

The CIS trial (Principal Investigator): A multicenter clinical trial. 2016-ongoing.
<https://clinicaltrials.gov/> Identifier NCT02618031

BOOKS

https://www.frontiersin.org/books/Balloon_and_Stent_for_Ischemic_and_Hemorrhagic_Stroke_A_New_Trend_for_Stroke_Prevention_and_Management/714

PUBLISHER: FRONTIERS MEDIA SA. **ISBN:** 978-2-88919-694-4

F. AL-ALI MD; Uflacker R. Embolization of AVM in the Pelvis. Teaching Atlas of Interventional Radiology, Diagnostic Therapeutic Angiography. Kadir editor. 1999; Page 398. (Book Chapter)

EDUCATIONAL TRAINING VIDEOS

- ⊕ Live webcast of aneurysm coiling, September 14, 2003 (First live coiling on the World Wide Web)
<https://ohiostroke.com/aneurysm-stenting-and-coiling/>
- ⊕ Video Taping of Vertebroplasty; June 2006
<https://ohiostroke.com/what-is-vertebroplasty/>

RESEARCH EXPERIENCE

- ⊕ **Single Center Experience with Antiplatelet Therapy for the Treatment of Cervical Artery Dissection.** An investigator-initiated, retrospective study. Borgess Research Institute, 2011-2012.
- ⊕ **A Review of Opening Disc Pressure during Discogram Procedures.** An investigator-initiated, retrospective study. Borgess Research Institute, 2010-2012.
- ⊕ **Capillary Index Score: Rethinking Acute Ischemic Stroke Treatment Algorithm.** An investigator-initiated, retrospective study. Borgess Research Institute, 2010-2012. Presented at SIR CLOTS, Oct 2010 and UIC Neurology Grand Rounds, Dec 2010.
- ⊕ **Stratification of Clinical Outcomes in Intracranial Revascularization: Minor vs. Major Stroke.** An investigator-initiated, retrospective study. Borgess Research Institute, 2009-Ongoing. Presented at ISC, Feb 2009; MCIR, Jun 2009 and UIC Neurology Grand Rounds, Jun 2009. In Press *AJNR*, scheduled for publication, August 2011.
- ⊕ **PRET – Patients Prone to Recurrence after Endovascular Treatment.** A sponsored, prospective study. Principal Investigator. Borgess Research Institute, 2009-2011.
- ⊕ **A prospective, consecutive series, multi-center study designed to collect long-term outcomes of the StaXx® FX Structural Kyphoplasty System.** A sponsored, prospective study. Principal Investigator. Borgess Research Institute, 2009-2011.
- ⊕ **A review of the initial use of the StaXx® FX Structural Kyphoplasty System.** A sponsored, retrospective study. Principal Investigator. Borgess Research Institute, 2009-2011.
- ⊕ **Vertebral Artery Ostium Atherosclerotic Plaque as a Potential Cause of Posterior Circulation Stroke.** An investigator-initiated, retrospective study. Borgess Research Institute, 2007-Ongoing. Early results presented at ASNR, Jun 2008; WFITN, Jul 2009 and NEIMS, Oct 2009.
- ⊕ **A Post-Market Study of the Abbott Vascular Carotid Stent Systems and Embolic Protection Systems: Carotid Stenting for High Surgical Risk Patients; Evaluating Outcomes through the Collection of Clinical Evidence (“CHOICE”).** A sponsored, prospective study. Subinvestigator. Borgess Research Institute, Apr 2009-Ongoing.
- ⊕ **Incidence of Adjacent Vertebral Fractures and Cement Distribution on Vertebroplasty Patient Outcomes.** An investigator-initiated, sponsor-supported retrospective study. Borgess Medical Center, 2008-2009. Published in *AJNR*, Nov-Dec 2009.
- ⊕ **Stenting and Angioplasty with Protection in Patients at High-Risk for Endarterectomy; World Wide (“SAPPHIRE WW”).** A sponsored, prospective study. Subinvestigator. Borgess Research Institute, Nov 2007-Ongoing.
- ⊕ **Carotid Stenting Capture II Study.** A sponsored, prospective study. Subinvestigator. Borgess Research Institute, spring 2006-Summer 2009.
- ⊕ **Carotid Stenting Capture I Study.** A sponsored, prospective study. Subinvestigator. Borgess Research Institute, Fall 2004-Spring 2005.
- ⊕ **Comparison of head MRI and head US in premature babies on ECMO, with clinical follow-up at three years of age.** A retrospective study. University of California San Francisco UCSF, 1997-1998. Presented at SPR, New Orleans, May 1998, Published in *Pediatric Research*, Apr 1998.
- ⊕ **Early diagnosis of necrotizing enterocolitis in neonates, using oral dye, and CT scan HU of urine.** A prospective study. University of California San Francisco UCSF, 1992-1996. Published in *Radiology*, 1997.

CURRICULUM VITAE

FIRAS AL-ALI, M.D.

- ✦ **Accuracy of abdominal ultrasound in early diagnosis of appendicitis in children.** A prospective study. Lenval Pediatric Hospital, 1990-1991. Published in *Revue d'Imagerie Medical*, 1993.

PUBLICATIONS

Al-Ali F, Berkhemer O, Yousman W, et al. The Capillary Index Score as a Marker of Viable Cerebral Tissue Proof of Concept. The Capillary Index Score in the MR CLEAN (Multicenter Randomized Clinical Trial of Endovascular Treatment for Acute Ischemic Stroke in the Netherlands). *Stroke* 2016; 47 -2286-2291.

Al-Ali F, Elias JJ, Filipkowski DE. Acute Ischemic Stroke Treatment, Part 2 Treatment "Roles of Capillary Index Score, Revascularization and Time". *Front Neurol*. 2015 Jun 1; 6: 117. doi: 10.3389/fneur.2015.00117.

Al-Ali F, Elias JJ, Filipkowski DE, Faber JE. Acute ischemic stroke treatment, part 1: patient selection "the 50% barrier and the capillary index score". *Front Neurol*. 2015 Apr 22; 6:83. doi: 10.3389/fneur.2015.00083.

Al-Ali F, Elias JJ, Tomsick TA, Liebeskind DS, Broderick JP; IMS Study Groups. Relative Influence of Capillary Index Score, Revascularization, and Time on Stroke Outcomes From the Interventional Management of Stroke III Trial. *Stroke*.2015 Jun; 46(6): 1590-4.

Farooq MU, Al-Ali F, Min J, Gorelick PB. Reviving Intracranial Angioplasty and Stenting "SAMMPRIS and beyond". *Front. Neurol*, 23 June 2014/ doi: 10. 3389/fneur.2014.00101

David S. Liebeskind, MD; Thomas A. Tomsick, MD; Lydia D. Foster, MS; Sharon D. Yeatts, PhD; Janice Carrozzella, MSN, NP, RT(R); Andrew M. Demchuk, MD; Tudor G. Jovin, MD; Pooja Khatri, MD; Ruediger von Kummer, MD; Rebecca M. Sugg, MD; Osama O. Zaidat, MD; Syed I. Hussain, MD; Mayank Goyal, MD; Bijoy K. Menon, MD; **Firas Al Ali, MD**; Bernard Yan, MD; Yuko Y. Palesch, PhD; Joseph P. Broderick, MD; for the IMS III Investigators. Collaterals at Angiography and Outcomes in the Interventional Management of Stroke (IMS) III Trial. *Stroke*.2014; 45:759-764.

F. Al-Ali, MD; Thomas A. Tomsick, MD; John J. Connors III, MD; James M. Gebel, MD; John J. Elias, PhD; Georges Z. Markarian, MD; Zein Al-Ali; Joseph P. Broderick, MD. "Capillary Index Score in the Interventional Management of Stroke Trials I and II". *Stroke*. 2014; 45: 1999- 2003.

F.AL-ALI MD; B.C. Perry MD; Spontaneous Cervical Artery Dissection: The Borgess Classification. *Front. Neurol*. 17 September 2013 | doi: 10.3389/fneur.2013.00133

F. Al-Ali MD; Jefferson A, Barrow T, et al. The capillary index score: rethinking the acute Ischemic stroke treatment algorithm. Results from the Borgess Medical Center Acute Ischemic Stroke Registry. *Journal of NeuroIntervent Surg JNIS* (2012): 10.1136

F. AL-ALI MD; BARROW T, DUAN L, JEFFERSON A, LOUIS S, LUKE K, MAJOR K, SMOKER S, WALKER S, YACOBOZZI M "VERTEBRAL ARTERY OSTIUM ATHEROSCLEROTIC PLAQUE AS A POTENTIAL SOURCE OF POSTERIOR CIRCULATION ISCHEMIC STROKE: RESULT FROM BORGESS MEDICAL CENTER VERTEBRAL ARTERY OSTIUM STENTING REGISTRY" *STROKE*. 2011; 42: 2544-2549.

CURRICULUM VITAE

FIRAS AL-ALI, M.D.

F. AL-ALI MD; CREE T, HALL S, LOUIS S, MAJOR K, SMOKER S, WALKER S "How Effective Is Endovascular Intracranial Revascularization in Stroke Prevention? Result from Borgess Medical Center Intracranial Revascularization Registry" *AJNR Am J Neuroradiol* 2011 32: 1227-1231

F. AL-ALI MD; Cree T, Hall S, Louis S, Major K, Smoker S, Walker S. Predictors of Unfavorable Outcome in Intracranial Angioplasty and Stenting: A Direct Comparison "Result from Borgess Medical Center Intracranial Revascularization Registry" *AJNR Am J Neuroradiol* 2011 32: 1221-1226

F. AL-ALI MD; Barrow T, Luke K. Vertebroplasty: What is Important and what is not. *AJNR*: 2009; 30: 1835-39.

Gupta R, **F. AL-ALI MD;** Thomas A, Horowitz M, Barrow T, Vora N, Uchino K, Hammer M, Wechsler L, Jovin T. Safety, Feasibility and Short Term Follow-Up of Drug Eluting Stent Placement in the Intra and Extracranial Circulation. *Stroke*. 2006; 37: 2562-2566

Marks MP; Wojak JC; **F.AL-ALI MD;** Jayaraman M; Marcellus MI; Connors JJ; Do HM. Angioplasty for symptomatic intracranial stenosis: clinical outcome. *Stroke*. 2006; 7:1016-20.

F.AL-ALI MD; Hendon A; Liepman M; Wisniewski J; Krinock M; Beckman K. Oligodendroglioma Metastatic to Bone Marrow. *AJNR*. 2005; 26: 2410-2414.

Khaghany K, **F. Al-ALI MD;** Spigelmyer T; Pimentel R; Wharton K. Efficacy and Safety of the Perclose Closer S Device After Neurointerventional Procedures: Prospective Study and Literature Review. *AJNR*. 2005; 26: 1420-1424.

Joelson E; Ruthrauff B; **F. AL-ALI MD;** Lindemann N; Sharp F. Dural Enhancement Associated with Temporal Arthritis. *Arch of Neurology*. 2000; 57: 119-22.

F. AL-ALI MD; Goldstein R; Leonard CH; Piecuch RE; Cooper BA; Charlton V; Barkovich AJ. Correlation of Neurologic Outcome with Head Ultrasound and Brain MRI in Full Term Infants Treated with ECMO 1193. *Pediatric Research – 1998 Abstracts The American Pediatric Society and The Society of Pediatric Research*. 1998; 43(4): 205.

Barkovich AJ; **F. AL-ALI MD,** Rowley HA, Bass N. Imaging Patterns of Neonatal Hypoglycemia. *AJNR*. 1998; 19: 523-528.

Rencken IO, Sola A; **F. AL-ALI M.D;** Solano JP; Goldberg HI; Cohen PA; Gooding CA. Necrotizing Enterocolitis: Diagnostic with CT Examination of Urine after Enteral Administration of Iodinated Water soluble Contrast Material. *Radiology*. 1997; 205: 87-90.

F.AL-ALI MD; Macpherson RI; Biemann H; Otherson K. Wandering Liver: A Case Report and Review of the Literature. *Journal of Pediatric Radiology*. 1996; 27: 287.

F.AL-ALI MD; Gooding CA; Jacque CJ. Calcified Mass in Anterior Part of Mediastinum caused by Langerhans' Cell Histiocytosis. *American Journal of Radiology*. 1994; 162: 467-468.

F.AL-ALI MD; Higgins CB; Gooding CA. MRI of Tracheal and Esophageal Compression following Surgery for Congenital Heart Disease. *Journal of Computed Assisted Tomography*. 1994; 18: 39-42.

Coussement A, **F. AL-ALI MD;**, Coussement-Beylard N, Diane MC, Vala JS. Acute Appendicitis in Children: Evaluation with Ultrasound. *Revue d'imagerie Medicale*. 1993; 5:483-487.

F.AL-ALI MD; Gaussin G, Menard M, Devos AM, Coussement A. Wandering Liver in Child. *Revue d'Imagerie Medicale*. 1993; 5: 109-111.

POSTER PRESENTATIONS

F. AL-ALI MD; “ The CIS, in IMSIII” World Stroke Conference, WSC. October 2014. Istanbul, Turkey

F. AL-ALI MD; “ The CIS, method for better patient selection in intra-arterial acute ischemic stroke treatment” World Stroke Conference, WSC. October 2012. Brasilia, Brazil.

F. AL-ALI MD. Nemeth D, Louis S, Walker S. Clinical Outcome of Intra-arterial Treatment in Acute Ischemic Stroke: Chemical Thrombolysis vs Mechanical Thrombolysis. *MSU/KCMS 28th Annual Kalamazoo Community Medical Health and Sciences Research Day, Apr 14, 2010, Kalamazoo, MI*

AL-ALI F, Barrow T, Sciamanna M, Daniels T, Smoker S. Eighty-Three Vertebral Artery Ostium Stenting with Angiographic Follow Up: A Single Center Prospective Series. *ASNR 46th Annual Meeting, June 2-5, 2008, New Orleans, LA.*

F. AL-ALI MD; Reddy A, Barrow T, Sciamanna M. Feasibility and Safety of Intracranial Arteries Endovascular Re-vascularization Angioplasty and Stenting in Patients with Symptomatic Atherosclerotic Stenosis. *The 9th Joint Session AANS/CNS Cerebrovascular Section/ASITN, Feb 17-20, 2006, Orlando, FL*

F.AL-ALI MD; Reddy A, Barrow T, Sciamanna M. Feasibility and Safety Middle Cerebral Artery Angioplasty in patients with Symptomatic Atherosclerotic Stenosis. *The 9th Joint Session AANS/CNS Cerebrovascular Section/ASITN, Feb 17-20, 2006, Orlando, FL*

F.AL-ALI MD; Ahah S. Primary Stenting of the Vertebral Artery Ostium for Symptomatic Stenosis a 36 case presentation. *The 8th Joint Session AANS/CNS Cerebrovascular Section/ASITN, Feb 2-6, 2005, New Orleans, LA*

F.AL-ALI MD; Khaghary K. Efficacy and Safety of the Perclose S Devise Following Neurointerventional Procedures. *The 8th Joint Session AANS/CNS Cerebrovascular Section/ASITN, Feb 2-6, 2005, New Orleans, LA*

F.AL-ALI MD; Connors JJ. Blood Flow Improvement through Critical Stenosis During Intracranial Angioplasty Procedures with Adjunctive Abciximab Increases Procedural Safety. *ASNR 42nd Annual Meeting, May 5-11, 2004, Seattle, WA*

ORAL PRESENTATIONS

AL-ALI F, Elias J, Marks M, Tomsick T, Broderick J. ”should we offer treatment for patients with CIS of 0?”, JOINT SESSION AANS/CNS CEREBROVASCULAR SECTION/ASITN 2014. San Diego, CA. USA.

CURRICULUM VITAE

FIRAS AL-ALI, M.D.

AL-ALI F; Elias J; Tomsick T; Broderick J. The Capillary Index Score (CIS) and the IMS I, II: A tail of one marker and two trials “How we can design a positive trial for acute ischemic stroke intra-arterial Treatment. (AIS-IAT)” 12th Congress WFITN, Jun 29-Jul 3, 2013, Buenos Arian, Argentina.

AL-ALI F. The Capillary Index Score. The *Catheter Lysis of Thromboembolic Stroke*” CLOT” Meeting. Oct 2012. Dallas, TX.

AL-ALI F. The Capillary Index Score. The *Catheter Lysis of Thromboembolic Stroke*” CLOT” Meeting. Oct 2011. Dallas, TX.

AL-ALI F, Cree, T, Nemeth D, Louis S. Acute Ischemic Stroke Treatment: The Collateral Index. *University of Illinois-Chicago Neurology Grand Round, Dec 2, 2010, Chicago, IL.*

AL-ALI F; Cree T; Nemeth D; Louis S. Acute Ischemic Stroke Treatment: The Collateral Index. The *Catheter Lysis of Thromboembolic Stroke (CLOTS) Meeting. Oct 24-28, 2010, Dallas, TX.*

AL-ALI F; Yacobozi M; Barrow T. “Endovascular Therapy for Supra-Aortic Disorders – VAO Stenosis: Classification.” *New Era International Multidisciplinary Sharing (NEIMS) meeting. Oct 22-24, 2009, Beijing, China.*

AL-ALI F; Yacobozi M; Barrow T. “Endovascular Therapy for Supra-Aortic Disorders – VAO Stenosis: Stenting and Treatment.” *New Era International Multidisciplinary Sharing (NEIMS) meeting. Oct 22-24, 2009, Beijing, China.*

AL-ALI F. “Endovascular Intracranial Revascularization; an update.” *Syrian American Medical Society (SAMS) Emerging Diseases: Global and Local Perspectives, Jul 6-9, 2009, Lattakia, Syria.*

AL-ALI F; Yacobozi M; Louis S; Luke K. “Recanalizing Chronically occluded Cerebral Arteries, a Report of 6 cases.” *10th Congress WFITN, Jun 29-Jul 3, 2009, Montreal, Canada.*

AL-ALI F; Yacobozi M; Barrow T. “Vertebral Artery Ostium Atherosclerotic Stenosis an important Cause of Posterior Circulation Stroke. Part I: the BUET Variable.” *10th Congress WFITN, Jun 29-Jul 3, 2009, Montreal, Canada.*

AL-ALI F; Yacobozi M; Barrow T. “Vertebral Artery Ostium Atherosclerotic Stenosis an important Cause of Posterior Circulation Stroke. Part II: Which Ostium to Stent.” *10th Congress WFITN, Jun 29-Jul 3, 2009, Montreal, Canada.*

AL-ALI F. “Endovascular Intracranial Revascularization; an update.” *University of Illinois-Chicago Neurology Grand Round, Jun 25, 2009, Chicago, IL.*

AL-ALI F. “Endovascular Intracranial Revascularization; an update.” *7th Meeting of Croatian Interventional Radiologists with International Participation, Jun 5-7, 2009, Zagreb, Croatia.*

AL-ALI F; Calderon-Arnulphi M; Roumia M; Smoker S; Barrow T. “How safe is Intracranial Angioplasty and Stenting? Lessons learned from 188 Interventions.” *International Stroke Conference, Feb 17-20, 2009, San Diego, CA.*

CURRICULUM VITAE

FIRAS AL-ALI, M.D.

AL-ALI F; Barrow T; Luke K; Kalpin K; Sciamanna M; Kocol K. "Bare Coils Are Sufficient Treatment for Small Non-ruptured Aneurysms. ASNR 46th Annual Meeting, Jun 2-5, 2008, New Orleans, LA.

AL-ALI F, Kocol K, Barrow T, Sciamanna M, Major K, Luke K. Vertebroplasty: What's Important and What's Not?" ASNR 46th Annual Meeting, Jun 2-5, 2008, New Orleans, LA.

AL-ALI F; Barrow T; Sciamanna M. Lessons Learned from 146 Cases of Intracranial Revascularization: It Is Too Early for Randomized Trial. ASNR 46th Annual Meeting, Jun 2-5, 2008, New Orleans, LA.

AL-ALI F; Hopkins AC; Barrow T; Major K; Louis S; Luke K; Hopkins J. Does Vertebroplasty Increase the Likelihood of Adjacent Fracture. A Prospective Study on 212 patients. ASNR 44th Annual Meeting, May 1-5 2006, San Diego, CA

AL-ALI F; Reddy A; Barrow T; Sciamanna M. Feasibility and Safety of Intracranial Arteries Endovascular Revascularization Angioplasty and Stenting in Patients with Symptomatic Atherosclerotic Stenosis. The 9th Joint Session AANS/CNS Cerebrovascular Section/ASITN, Feb 17-20 2006, Orlando, FL.

Marks MP; Wojak JC; **AL-ALI F**; Jayaraman M; Marcellus MI; Connors JJ; Do HM. "Angioplasty for Symptomatic Intracranial Stenosis: Clinical Outcome Stroke." ASNR 43rd Annual Meeting, May 2005, Toronto, Canada.

AL-ALI F; Gordon V; Yahia AM. Technical Feasibility, Safety, and Short-Term Outcome of slow inflation Elective Undersized Balloon Angioplasty of Medically Refractory Intracranial Symptomatic Stenosis. The 8th Joint Session AANS/CNS Cerebrovascular Section/ASITN, Feb 2-6 2005, New Orleans, LA

INVITED SPEAKER

- ✦ Stroke TianTan international conference, and First China Stroke conference " Acute Ischemic Stroke treatment: the Capillary Index Score, Time and outcome, a new look" ""July 2015, Beijing. China.
- ✦ 10^{10h} Meeting of Croatian Interventional Radiologists, with International participation, "Endovascular Intracranial Revascularization: an update." April 2015, Trakoscan Castle, Croatia.
- ✦ Stroke TianTan international conference " Endo Vascular Acute Ischemic Stroke, an update Treatment "July 2013, Beijing. China.
- ✦ 9th Meeting of Croatian Interventional Radiologists, with International participation, "Endovascular Intracranial Revascularization: an update." April 2013, Trakoscan Castle Croatia.
- ✦ Stroke TianTan international conference " Endo Vascular Acute Ischemic Stroke Treatment "July 2011, Beijing. China.
- ✦ 8th Meeting of Croatian Interventional Radiologists, with International participation, "Endovascular Intracranial Revascularization: an update." Jun 5-7 2011, Zagreb, Croatia.
- ✦ SIR 2011 Catheter Lysis of Thromboembolic Stroke (CLOTS) Meeting, "Acute Ischemic Stroke Treatment: The Collateral Index." Oct 23-26, 2011, Dallas, TX.
- ✦ UIC Neurology Grand Round, "Acute Ischemic Stroke Treatment: The Collateral Index." Dec 2, 2010, Chicago, IL.
- ✦ SIR 2010 Catheter Lysis of Thromboembolic Stroke (CLOTS) Meeting, "Acute Ischemic Stroke Treatment: The Collateral Index." Oct 24-28, 2010, Dallas, TX.

CURRICULUM VITAE

FIRAS AL-ALI, M.D.

- ✦ New Era International Multidisciplinary Sharing (NEIMS), "Endovascular Therapy for Supra-Aortic Disorders - VAO stenosis: Classification." Oct 22-24, 2009, Beijing, China.
- ✦ New Era International Multidisciplinary Sharing (NEIMS), "Endovascular Therapy for Supra-Aortic Disorders - VAO Stenosis: Stenting and Treatment." Oct 22-24, 2009, Beijing, China.
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- ✦ Syrian American Medical Society (SAMS) Emerging Diseases: Global & Local perspectives, "Endovascular Intracranial Revascularization: an update." Jul 6-9, 2009, Lattakia, Syria.
- ✦ UIC Neurology Grand Round, "Endovascular Intracranial Revascularization: an update." Jun 25, 2009, Chicago, IL.
- ✦ 7th Meeting of Croatian Interventional Radiologists, with International participation, "Endovascular Intracranial Revascularization: an update." Jun 5-7 2009, Zagreb, Croatia.
- ✦ Neuroscience Symposium 2008, Borgess Medical Center, "Dizziness and Posterior Circulation: New Treatment Option." Oct 2008, Kalamazoo, MI.
- ✦ Open Heart Hospital, Damascus Medical School, "Intracranial Stenting and Angioplasty: What Is New?" Feb 2008, Damascus, Syria.
- ✦ St Joseph Neuro Conference, "Intracranial Stenting and Angioplasty, What Is New?" Nov 23, 2007, St. Joseph, MI.
- ✦ Beijing Neurological Society, "Intracranial Stenting, Is It the Prime Time?" Dec 26, 2006, Beijing, China.
- ✦ Boston Scientific Neurovascular National Sales Meeting, "WingSpan Stent: Tricks of the Trade." Jan 2006, Palm Springs, FL.
- ✦ 2nd Annual Meeting of ASITN, "Medical Stroke Prevention." Aug 2005, Hawaii.
- ✦ 2nd Annual Meeting of ASITN, "Plavix versus Aggronex." Aug 2005, Hawaii.
- ✦ 3rd ASITN Practicum, "Ischemic Stroke and Bone Fracture: What is Similar and what is Different?" May 2005, Toronto, Canada.
- ✦ 1st Annual Meeting of ASITN, "CT Scan Signs of Reperfusion Brain Injury Following Carotid Stenting." Aug 2004, Boca Raton, FL.
- ✦ 1st Annual Meeting of ASITN, "Instructor for Carotid Stenting Course" Aug 2004, Boca Raton, FL.
- ✦ 1st Stroke Symposium, Borgess Medical Center, "Stroke Treatment and Prevention." May 2003, Kalamazoo, MI.
- ✦ Joint session AANS/ASITN, "The INR Suite as a Critical Care Environment." Feb 2003, Phoenix, AZ.
- ✦ Nuts and Bolts of Stroke Therapy, "Non-enhanced head CT in Hyper acute Stroke." Jan 2003, Miami, FL.
- ✦ Neuroscience Symposium 2002, Borgess Medical Center, "Spine Imaging." Sep 2002, Kalamazoo, MI.
- ✦ Cardiac Symposium 2002, Borgess Medical Center, "Intra Cranial Angioplasty and Stenting." May 2002, Kalamazoo, MI.
- ✦ Neuroscience Symposium 2001, Borgess Medical Center, "Stroke Prevention and Treatment." Sep 2001, Kalamazoo, MI.
- ✦ Society of Cardiovascular and Interventional Radiology (SCVIR) Annual Meeting, "Emergency Therapy of Stroke During a Procedure." Mar 2001, San Antonio, TX.
- ✦ Meet the Experts III: Treatments of Cardiac and Vascular Diseases, Inova Fairfax Hospital, "Intra-arterial Thrombolysis." Dec 2000, Falls Church, VA.
- ✦ Meet the Experts III: Treatments of Cardiac and Vascular Diseases, Inova Fairfax Hospital, "Angioplasty of Cerebral Arteries." Dec 2000, Falls Church, VA.
- ✦ Southern California Nasal Sinus Center Symposium, "Rhino Sinusitis." Oct 1999, Irvine, CA.
- ✦ UCSF Neuroradiology Conference, MRI Physics, "To EPI or Not to EPI, That is the Question." Apr 1998, San Francisco, CA.
- ✦ Radiology Resident Teaching Conference, "The Birth of Syringomyelia." Oct 1997, San Francisco, CA.
- ✦ UCSF Medical Student Lecture, "Introduction to Neuroradiology." Jun 1997, San Francisco, CA.
- ✦ UCSF Neuroradiology Conference, MRI Physics, "FLAIR." Apr 1997, San Francisco, CA

CURRICULUM VITAE

FIRAS AL-ALI, M.D.

- ✦ UCSF Neuroradiology Conference, "Inner Ear Abnormalities." Oct 1996, San Francisco, CA.
- ✦ UCSF Regular Lectures for Radiology Residents, Various topics. Jul 1996-Jun 1998, San Francisco, CA.
- ✦ Medical University of South Carolina Radiology Grand Round, "A Tale of Two Tumors." March 1994, Charleston, SC.
- ✦ Medical University of South Carolina Regular Lectures for Medical Students' Core Curriculum Rotation in Radiology, Various topics. Jul 1993-Jun 1996, Charleston, SC.
- ✦ UCSF Regular Students' Core Curriculum Rotation in Radiology, Various topics. Jul 1992-Jun 1993, San Francisco, CA.

CERTIFICATION

- ✦ Certificate of Added Qualifications (**CAQ**) in Neuroradiology, Nov 1999, Recertification, Dec 2010
- ✦ American Board of Radiology (**ABR**), Board Certification, Jun 1996, Recertification, Dec 2010
- ✦ Federal Licenser Examination (**FLEX**), Diplomat, Jun 1993
- ✦ Test of English as Second Language (**TOFEL**). Jan 1992
- ✦ French Board of Radiology (**DIS**), Jun 1991
- ✦ Foreign Medical Graduate Exam in Medical Science (**FMGEMS**) Part I, Basic Science, Jul 1991
- ✦ Foreign Medical Graduate Exam in Medical Science (**FMGEMS**) Part II, Clinical Science, Jul 1986
- ✦ Advanced Cardiac Life Support (**ACLS**) Certificate
- ✦ Drug Enforcement Agency (**DEA**) Certificate # BA3976442

MEDICAL LICENSURE

- ✦ Ohio Medical License (Active) # 35.098956
- ✦ Michigan Medical License (active) #4301078901
- ✦ California Medical License (inactive) #A 055783
- ✦ Virginia Medical License (inactive) #010224776
- ✦ South Carolina Medical License (inactive) #17854
- ✦ Hawaii Medical License (inactive) #9990

MEMBERSHIPS

- ✦ American Society of Neuro-Interventional Surgery (*senior member*)
- ✦ World Federation of Interventional and Therapeutic Neuroradiology (WFITN)

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