Curriculum Vitae

Name:	Ann Walia
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Office Address:	4648 TVC Nashville Tennessee, 37232-5614

Education

1983	M.B.B.S. from Government Medical College, Rohtak, India
1984	M.D. from Government Medical College, Rohtak, India

Training

09/1984 - 09/1985	Internship from Riverside Hospital (affiliated with Medical College of Ohio), Toledo, Ohio
04/1987 - 04/1989	Residency in Internal medicine from Loyola Hines Hospital, Hines, Illinois
06/1989 - 05/1992	Residency in Anesthesiology from Vanderbilt University Medical Center, Nashville, Tennessee

Licensure and Certification

N/A	Medical, Tennessee Medical License of Tennessee United States (# MD0000020978 (active))
1984 - 1984	Medical, FLEX
1984 - 1984	Medical, ECFMG
1993 - Present	Boards, American Board of Anesthesiology
1998 - 2008	Boards, American Board of Anesthesiology Pain Management

Academic Appointments

06/1992 - 05/2002	Assistant Professor, Anesthesiology, Vanderbilt University Medical Center (VUMC) (Nashville, Tennessee)
07/1992 - 07/2003	Assistant Professor, Vanderbilt University (Nashville, Tennessee)
06/2002 - 03/2009	Associate Professor, Anesthesiology, Vanderbilt University Medical Center (VUMC) (Nashville, Tennessee)
07/2003 - 01/2009	Associate Professor of Clinical Anesthesiology, Vanderbilt University (Nashville, Tennessee)
02/2009 - Present	Professor of Clinical Anesthesiology, Vanderbilt University (Nashville, Tennessee)

Hospital Appointments

06/1992 - Present	Staff Anesthesiologist, Anesthesia Service, Tennessee Valley Healthcare System (TVHS) (Nashville, Tennessee)

Other Work Experience

06/1994 - 2002	Co-director, Pain Management Center, Tennessee Valley Healthcare System (TVHS) (Nashville, Tennessee)
06/1999 - 11/2009	Director, Liver Transplant and Hepatobiliary Anesthesia, Vanderbilt University Medical Center

	(VUMC) (Nashville, Tennessee)
04/2000 - Present	Cheif,Anesthesiology and Perioperative care, Anesthesiology, Tennessee Valley Healthcare System (TVHS), Nashville (Nashville, Tennessee)
04/2005 - 2007	Chair, Peer Review Committee, Tennessee Valley Healthcare System (TVHS), Nashville (Nashville, Tennessee)
01/2006 - 11/2009	Director, Hepato-Vascular fellowship program, Vanderbilt University Medical Center (VUMC) (Nashville, Tennessee)
12/2010 - Present	member Field Advisory committee
10/2012 - Present	Vice President, Association of VA anesthesiologists
10/2013 - Present	President Elect- AVAA, Association of VA Anesthesiologists

Professional Organizations

	Association of VA Anesthesiologists
	Tennessee Society of Anesthesiologists
	International Liver Transplant Society
	American Society of Anesthesiologists
	American Society of Regional Anesthesiology
	American Society of Hepato Pancreatico Biliary Association
	International Anesthesia Research Society
	Liver intensive Care Group of Europe
2013	Society of Cardiovascular Anesthesia, member

Professional Activities

Intramural

06/1992 - 04/2000	SICU Committee, Tennessee Valley Healthcare System (TVHS), Participant
10/1997 - 06/2000	Clinical Competence Committee, Vanderbilt University Medical Center, Chair
2000 - 2008	Pain Task Force Committee, Vanderbilt University Medical Center, Participant
03/2000 - Present	Clinical Executive Committee, Tennessee Valley Healthcare System (TVHS), Participant
03/2000 - Present	Operating Room Council, Tennessee Valley Healthcare System (TVHS), Chair
03/2000 - Present	Medical Executive Committee, Tennessee Valley Healthcare System (TVHS), Participant
03/2000 - Present	Professional Standards Board, TVHS
07/2003 - 06/2004	Medical Executive Committee, Vanderbilt University Medical Center, Member
12/2004 - 2007	Peer Review Committee, Tennessee Valley Healthcare System (TVHS), Chair
06/2006 - 07/0	Medical Education :ADMINISTRATION, Chair, Chair
04/2007 - Present	CPR Committee, Tennessee Valley Healthcare System (TVHS), Chair
07/2008 - 11/2009	HepatoVascular, Transplant surgical services, VUMC, POD leader
02/2011 - 04/2011	TVHS, VHA- Patient safety comm, Chair - RCA comm, chair

Extramural

N/A	SQWM, VHA-CO, SURGICAL QUALITY WORKFLOW MANAGEMENT WORKGRP---A GRP OF 10 VA ANESTHESIOLOGISTS CHARGED WITH REDRAWING THE SURGICAL WORKFLOW OUT OF VISTA TO A NEW SYSTEM
07/2003 - 07/2003	Invited external reviewer for New Mexico VAHCS, External Reviewer
05/2007 - Present	Contributing Editor and Member of the Editorial Committee for the Liver Intensive Care Group of Europe (LiCAGE)
11/2007 - 11/2007	Invited site reviewer for the liver transplant program at University of Michigan.
05/2008 - Present	ARK group, VISN 9
06/2010 - 06/2013	ASA Transplant Comm, Anesthesiology, member
09/2010 - Present	Reviewer for Invited reviewer for liver transplant manuscripts for: OMICS PUBLISHING GROUP/ACR.
12/2010 - Present	VA Field Advisory comm, VHA, member
02/2011 - Present	Associat of VA Anesthesiologists, AVAA, TREASURER

04/2011 - Present	AVAA, AVAA, difficult Airway course at the AVAA/ ASA mtg, to be held in oct. 2011, Course director
05/2011 - Present	VHA Preop Standards comm, Anesthesiology
06/2011 - 09/2012	LIVER AND INTESTINAL COMM., Anesthesiology, MEMBER
10/2011 - Present	VHA- Workload and billing Subcommittee, VHA- Central office, a 3 member subcommittee charged with standardizing workload capture, physician and support staff productivity and optimizing third party billing for Anesthesiology, ICU and Pain management across the VHA, member
10/2011 - 10/2013	AVAA, Membership drive. Organize educational workshops for VA anesthesiologists., Vice President
02/2012 - Present	VHA-Chiefs report, VA- CO, COMM IS CHARGED WITH GENERATING PROVIDER SPECIFIC REPORTS FROM ARK TO BE USED FOR OPPE/FPPE AND RECREDENTIALLING, MEMBER
06/2012 - 06/2014	UNOS-MPSC, Anesthesiology, UNOS Membership and Professional Standards Committee (MPSC) as well as the MPSC Performance Analysis and Improvement Subcommittee (PAIS)- the standing comm charged with monitoring transplant program and OPO performance., member, enforcing UNOS bylaws and policies
08/2012 - Present	VA Anesthesia Quality Improvement Program, VA CENTRAL OFFICE, Collect data, analyze and colate desripters and define parameters that would be included in the National VAAQIP., MEMBER, Chair of the Subcomm responsible for establishing parameters for the VAAQIP
07/2013 - Present	Reviewer for AJT. Title: United States practice patterns in the use of transesophageal echocardiography during adult liver transplantation Authors: Soong, Wayne; ,7/27/2013
08/2013 - Present	Reviewer for Liver Transplantation:SIMULTANEOUS ARTERIO-PORTAL VS PORTAL REVASCULARIZATION IN LIVER TRANSPLANTATION: COMPARATIVE STUDY OF HEMODINAMIC AND TISSULAR OXIGENATION PROFILE
09/2013 - Present	Invited attendee to the APSF meeting in Phoenix

Teaching Activities

1992 - 1993	Preop Assessment of a Patient with Cardiac Disease, Bronchospasm, VUMC
1993 - 1994	Anesthesia and Endocrine Disease, Upper Extremity Blocks, VUMC
1994 - 1995	Anesthesia and Renal Disease; lower extremity blocks, VUMC
1995 - 1996	Fluid and Electrolyte Balance, VUMC
1996 - 1997	Cardiac Disease perioperative management, VUMC
1997 - 1998	Anesthesia and Liver Disease, VUMC
1998 - Present	Oral Board Preparation for Junior Faculty and Senior Residents, VUMC
1998 - 1999	Anesthetic Issues in Liver Transplantation, VUMC
1999 - 2000	Inhalational Anesthetics, VUMC
2000 - 2001	Local Anesthetics, VUMC
2001 - 2002	Anesthetic Issues in Liver Transplantation, VUMC
02/2001 - 02/2001	Case Conference on Right Heart Thrombosis during Liver Transplant, VUMC
2002 - 2003	Anesthetic Issues in Liver Transplantation, Lecturer, VUMC
2002 - 2003	Anti-hypertensive Medications, Lecturer, VUMC
2003 - 2004	Perioperative management of Pacemakers and AICDs, Lecturer, VUMC
02/2006 - 02/2006	Anesthesia for Hepato-Biliary surgery, VUMC
02/2006 - 02/2006	Anesthesia for Organ Transplantation, VUMC
05/2006 - 05/2006	Mock Oral Board examiner, VUMC
08/2006 - 08/2006	FCCS, Course Instructor, VUMC
10/2006 - 10/2006	Airway assessment and management, FCCS, Course Instructor, VUMC
11/2006 - 11/2006	Course Instructor, VUMC
12/2006 - 12/2006	Mock Oral Board Examiner, VUMC
02/2007 - 02/2007	Course Instructor, VUMC
02/2007 - 02/2007	Anesthesia and Liver Disease, VUMC
05/2007 - 05/2007	Anesthesia for Transplantation, VUMC
08/2007 - 08/2007	Course Instructor, VUMC
11/2007 - 11/2007	Course Instructor, VUMC
02/2008 - 02/2008	Course Instructor, VUMC

02/2008 - 02/2008	Anesthesia for Liver Transplantation, VUMC
02/2008 - 02/2008	Course Instructor, Critical Skills Development series for Medical Students, VUMC
02/2009 - 02/2009	Course Instructor, VUMC
03/2009 - 03/2009	Anesthesia for Transplantation, VUMC
10/2009 - 10/2009	Mock Oral Board Examiner
12/2011 - Present	Mock Oral Board Examiner, SIM CENTER
04/2012 - Present	Mock Oral Board Examiner
09/2012 - Present	mock oral boards, sim center
12/2012 - Present	mock oral examiner
12/2013 - Present	

Research Supervision / Mentorship

N/A	Vidya Rao (Faculty, Clinical)
N/A	John Foster (Faculty)
N/A	andrea Feilner (Faculty, General Mentorship)
N/A	Rigoberto Sierra-Anderson (Faculty, Research)
N/A	kelly ortega (Faculty, General Mentorship)
N/A	Erin Brockway (Faculty, General Mentorship)
N/A	Kevin Preece (Faculty, General Mentorship)
07/2006 - Present	Jeff waldman, M.D. Current Position: assist prof of anesthesiology. (Faculty, Research)

Other Significant Activities

N/A	innovation grant: extended the grant pilot to include another 70 patients.Results presented at IARS. software to be included into SQWM.
08/2013	St. Louis VA, MO: Invited site reviewer for their anesthesia service with special focus on re-initiation of their cardiac surgery program.

Honors / Awards

1979	Honors in Physiology
1981	Honors in Pharmacology
2006	Academic Achievement Award
2007	Chair's Award of Excellence
2007	Career Development Award
2008	Career Development Award
06/2010	Chair's excellence award, Anesthesiology
06/2010	Chair's award of Excellence, anethesiology
06/2011	Chairs Excellence Award, Anesthesiology
06/2012	Golden Apple Award, excellence in teaching

Publications

Peer Reviewed Publications

Research Papers

1. M. Susan Mandell MD, PhD, Elizabeth A Pomfret MD, PhD, Randall Steadman MD, Ryutaro Hirose MD, David J. Reich MD, Roman Schumann, Ann Walia MD. DIRECTOR OF ANESTHESIOLOGY FOR LIVER TRANSPLANTATION: EXISTING PRACTICES AND RECOMMENDATIONS BY THE UNITED NETWORK FOR ORGAN SHARING. Liver Transpl. 2013 Jan.
2. C. Wray, J. C. Scovotti, J. Tobis, C. U. Niemann, R. Planinsic, A. Walia, J. Findlay, G. Wagener, J. B. Cywinski, D.

Markovic, C. Hughes, A. Humar, A. Olmos, R. Sierra, R. Busuttil and R. H. Steadman. Liver Transplantation Outcome in Patients With Angiographically Proven Coronary Artery Disease: A Multi-Institutional Study. (PubMed #23126562). American Journal of Transplantation 2013 Jan;13(1) PMID: PubMed #23126562.

3. R. Schumann, S. Mandell, MD. Michaels, J. Klinck, A. Walia. 'Intraoperative fluid and pharmacologic management and the anesthesiologists supervisory role for nontraditional technologies during liver transplantation: A survey of US academic centers' in Transplantation Proceedings. Transplantation Proceedings 2013 Aug;45(6):2258-2262. PMID: PMID: 23953537.

Research Articles

1. **Walia A**, Mandell MS, Mercaldo N, Michaels D, Robertson A, Banerjee A, Pai R, Klinck J, Weinger M, Pandharipande P, Schumann R. Anesthesia for liver transplantation in US academic centers: Institutional structure and perioperative care. Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society 2012 Jun;18(6):737-43. PMID: 22407934.

Non-Peer Reviewed Publications

Research Articles

1. **Walia, A**, Waldman, J, Robertson, A, Hairr, J, Pai, R:. Liver #3: Make it Work!. Poster presentation, ASA 2007.
2. Dawood MM, Gutpa DK, Southern J, **Walia A**, Atkinson JB, Eagle KA. Pathology of fatal perioperative myocardial infarction: implications regarding pathophysiology and prevention. International journal of cardiology 1996 Nov;57(1):37-44. PMID: 8960941.
3. Janicki PK, Higgins MS, Pai RK, **Walia A**. Comparison of water warming garment and air warming system in prevention of hypothermia during liver transplantation. Anesthesiology 2001; 95:868-874.
4. Janicki PK, Stoica C, Chapman WC, Wright JK, Walker G, Pai R, **Walia A**, Pretorius M, Pinson CW. Water warming garment versus forced air warming system in prevention of intraoperative hypothermia during liver transplantation: a randomized controlled trial [ISRCTN32154832]. BMC anesthesiology 2002 Nov;2(1):7. PMID: 12441007 PMCID: PMC137608.
5. M.S. Mandell, G. Biancofiore, M. Bellamy, R. Barnett, Y. Vater, A. Walia. Multicenter Evaluation of the Safety of Early Extubation in the Liver Transplant Patients. IARS 2005.
6. Sukdeb Datta, Umeshraya Pai, Philiip o.Bridenbaugh, Ann Walia. Letter to the Editor -Seizure after Bier Block with Clonidine and Lidocaine: Is Clonidine Really the Culprit?. Anesth. Analg. 2005; 101.
7. **Walia A**. Anesthetic management for liver resection. Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract 2006 Feb;10(2):168-9. PMID: 16622980.
8. M.S. Mandell, G. Biancofiore, M. Bellamy, R. Barnett, Y. Vater, A. Walia. Multicenter Evaluation of the Safety of Early Extubation in the Liver Transplant Patients. Liver Transplantation 13 2007.
9. **Walia A**, Schumann R. The evolution of liver transplantation practices. Current opinion in organ transplantation 2008 Jun;13(3):275-279. PMID: 18685317.
10. Claus U. Niemann, Ann Walia, Jeffrey Waldman, Michael Davio, John P. Roberts, Ryutaro Hirose, John Feiner. Acute kidney injury during liver transplantation as determined by neutrophil gelatinase-associated lipocalin. Liver Transplantation 2009 Nov;1852-1860.
11. Banerjee A, Stoica C, **Walia A**. Acute hyperkalemia as a complication of intravenous therapy with epsilon-aminocaproic acid. Journal of clinical anesthesia 2011 Nov;23(7):565-8. PMID: 22050802.

Abstracts

1. **Walia, A**, Wasudev,G, Banerjee, A. Morbid Obesity and Ludwigs Angina. Abstract, ASA 2006.
2. **Walia, A**. LTrAC 101: Survey results for organizational structure in the US and abroad for Anesthesia care teams involved in Liver transplantationabstract submitted to ILTS, Paris, France, July, 2008.

Research Papers

1. 'Perioperative risk factors associated with AKI following liver transplantation'. Dec.
2. Schumann R, Mandell MS, Mercaldo N, Michaels D, Robertson A, Banerjee A, Pai R, Klinck J, Pandharipande P, **Walia A**. Anesthesia for liver transplantation in United States academic centers: intraoperative practice. Journal of Clinical Anesthesia 2013 Nov;25(7):542-550. PMID: 23994704.

Books

1. **Walia, A**. Invited chapter: ?Evolution of Perioperative Care in Liver Transplantation?. In Current Opinion in Organ Transplantation. 2008.

Book Chapters

1. **Walia, A**., Schumann, R. 3. Liver Transplantation Walia, A. published in Essence of Anesthesia Practice , Dec. 2010(p 487-488). 2010 Dec;487-488.
2. WALIA,A, SCHUMANN, R. Chapter: "Practice Patterns of Liver Transplant Anesthesiology in LIVER ANESTHESIOLOGY AND CRITICAL CARE MEDICINE. . Liver anesthesiology and Critical Care Medicine. Editors: G. Springer; 2013 Jan;111-130.

Conference Proceedings

1. **Walia, A**. practice issues in Liver Transplantation.. Panel Co-Chair at the ASA , Orlando, . 2008; : .

Presentations

Workshop

1. IARS Conference. IARS; Orlando, Florida. 2007 Mar; "Preoperative Transthoracic Echocardiography in a patient with Hepatic insufficiency, scheduled for Liver Transplantation".
2. IARS Workshop. Host of workshop at the IARS Conference; San Francisco, California. 2008 Apr; Perioperative management of a patient with Liver disease, including simulation".

Other

1. IHPBA; Air Europe (Military). 2004 Jun; "Does the experience of the Anesthesiologist affect the outcome in Liver Transplant Recipients".
2. DDW/ AHPBA Conference. lecture and panel member at DDW/ AHPBA; Air Europe (Military). 2005 Apr; " Anesthetic Considerations for Patients Undergoing Liver Resection".
3. ILTS, ELITA, LiCAGE Conference. Interactive Case discussion at the ILTS, ELITA, LiCAGE; Paris, Air Europe (Military), France. 2008; Intraoperative Dilemma ..
4. Invited Course Director and Organizer for 3 day First International Multidisciplinary symposium on Perioperative Care of Liver Transplant patients, New Delhi, India, Nov.; New Dehli, India. 2008; "Veno Venous Bypass".
5. ILTS, ELITA, LiCAGE Conference. Invited Speaker at the ILTS, ELITA, LiCAGE Confernce; Paris, Air Europe (Military), France. 2008 Jul; LTrAC 101- "Looking for Evidence oral presentation..
6. Invited speaker at the ILTS/ ASA; Air Europe (Military). 2008 Oct; The results of the LTrAC 101 and 201.
7. Panel Co-Chair at the ILTS/ ASA; Air Europe (Military). 2008 Oct; Issues in Liver Transplant Practice Management".
8. First International Multidisciplinary Liver Transplant meeting. Invited speaker and Panel Co-Chair: First International Multidisciplinary Liver Transplant meeting; New Dehli, Air Europe (Military), India. 2008 Nov; Portopulmonary HTN .
9. First International Multidisciplinary Liver Transplant Meeting. Invited speaker and Panel Co-Chair: First International Multidisciplinary Liver Transplant Meeting; New Dehli, Air Europe (Military), India. 2008 Nov; Hepatorenal Syndrome .
10. ILTS/ ASA Annual Meeting. ILTS/ ASA; New Orleans, Louisiana. 2009; Intraoperative Hypotension in Liver Transplantation.
11. ILTS, ELITA, LiCAGE Conference. ILTS, ELITA, LiCAGE Conference; New York, New York. 2009 Jul; LTrAC 201- "Looking for Evidence (2) oral presentation..

Presentations at Scientific Meetings

1. Gebhard Wagener MD*, Sachin Ketharpal MD#, Paul Picton MD#, Randolph Steadman MD& ,Ann Walia MD+, Claus U. Niemann MD. ILTS. ILTS; VALENCIA, South Carolina, Spain. 2011 Jun 24; 1. ILTS Poster presentation, 2011, Valencia, Spain: Kidney Injury after Liver transplantation (KILT): a multicenter consortium to study renal biomarkers after liver transplantation..
2. ANN WALIA, M.D.. ILTS. ILTS; SAN FRANCISCO, California. 2012 May; PRE-OPERATIVE OPTIMIZATION - IS THIS THE BEST WE CAN EXPECT?,.
3. WALDMAN, WALIA. AVAS-AVAA. AVAS-AVAA; CONNECTICUT2014 Apr 7; Postoperative Visual loss.
4. Sierra-Anderson, Walia. AVAS-AVAA. AVAS-AVAA; CONNECTICUT2014 Apr 7; Impact of Implementation of E-Consult in the Preoperative assessment clinic.

Invited Presentation - National

1. Ann Walia,M.D.. National VA Anesthesia Chiefs meeting, Sept. 2010, LV, Nevada:. VHA; LV, Nevada. 2010 Sep 14; Preop Made Easy- Novel use of Software as a service ..
2. Ann Walia,M.D.. National Health Intelligence Summit, Pensacola, FL, Nov. 2010:. VHA, CISCO, HP, MICROSOFT; Pensacola, Florida. 2010 Nov 13; A novel use of web-based software to efficiently triage pre-

surgical patients based on perioperative risk..

3. Ann Walia, M.D.. VA- Information and Resource center (VIReC). VACO- IT; 2012 Jul 23; Web-based Patient Portal to Directly Elicit a Comprehensive Medical History..

Invited Presentation - International

1. Ann Walia, M.D.. LICAGE- ELITA-ILTS. LICAGE-ELITA-ILTS; Pisa, Italy. 2010 Sep 23; Practice patterns in Liver Transplantation.--oral prsentation.

Visiting Professor

1. Ann Walia, M.D., Avi Soin, M.D. Vijay Vohra, M.D.. Symposium on Coagulation in Liver Disease. Medanta, India; GURGAON, India. 2012 Jan 2; ESLD- WHY DO THEY BLEED?.

Panel Presentation

1. ILTS. ILTS, LiTAC; SanFrancisco, California. 2012 May 18; Preop optimization-is this as good as it gets?.