

Ahmed Ghaleb, MD
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Education

Fellowship, Interventional Pain Management, Mayo Clinic, Rochester, Minnesota	2001-2002
Resident, Anesthesiology and Pain Medicine, Cook County Hospital, Chicago, Illinois	1997-2001

Current Position

Medical Director Co-Founder of Advanced Spine and Pain Centers Clinical Professor UAMS	Aug.2013-Present
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Professional Experience

Attending Anesthesiologist and Pain Specialist Medical Director of Acute & Chronic Pain Division Director of UAMS Interventional Pain Clinic University of Arkansas for Medical Sciences Little Rock, Arkansas	2002-2007
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Academic Appointment

Clinical Professor Department of Anesthesiology University of Arkansas for Medical Sciences Little Rock, Arkansas	2013-present
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Associate Professor Department of Anesthesiology University of Arkansas for Medical Sciences Little Rock, Arkansas	2007-2013
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Assistant Professor Department of Anesthesiology University of Arkansas for Medical Sciences Little Rock, Arkansas	2002-2007
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Certification and Licensure

Diplomat, American Board of Anesthesiology	2003
Board Certified in Pain Management	2004
Florida	2010
Arkansas	2002
Minnesota	2001
Illinois	1997

Professional Memberships and Activities

International Association for the Study of Pain
International Anesthesia Research Society
American Society of Anesthesiology
American Society of Regional Anesthesia
North America Neuromodulation Society
American Back Society
Arkansas Society of Anesthesiology
Arkansas Pain Club
Society for Clinical and Translational Science
UAMS Academics Senate

Honors and Awards

Top Doctors in Arkansas (Arkansas life magazine)	2012
Best Doctors in America (an on-line resource)	2012
Best Doctors in America	2011
Top Doctors in Arkansas	2011
Top Doctors in Arkansas	2010
Best Doctors in America	2010
“Preemptive Analgesia, a new approach to an old concept,” Awarded 1 st prize for oral presentation on literature review in 14 th Annual Anesthesia Resident Research Day 2008.	2008
Nomination for Leonard Tow Humanism in Medicine Award	2008
Nomination Living Legends International Health Profession Award of the Year, Cambridge, England	2004
CARE Award, University of Arkansas for Medical Sciences	2003
Mayo Clinic Pain Fellow of the year	2002
First Prize Award - The Midwest Anesthesiology Resident’s Conference (MARC)	2002
First Prize Award - The Midwest Anesthesiology Resident’s Conference (MARC)	2001
Second Prize Award – The Midwest Anesthesiology Resident’s Conference (MARC)	2001
Dripps Award for Outstanding Graduate, Resident in Anesthesiology	2001
Cook County hospital, Chicago, Illinois	2001
Chief Resident Award - Cook County Hospital, Chicago, Illinois	2001
Dr. Louis Alexander III Award, Coolness and Equanimity under Duress Love of Machines and Gadgetry - Cook County	2000

Hospital Department of Anesthesiology and Pain Medicine

Dr. Louis Alexander III Award, Coolness and Equanimity
under Duress ,Love of Machines and Gadgetry - Cook County
Hospital 1999

Committee and Administrative Services

UAMS College of Medicine - Academic Standards Committee 2008-present

UAMS College of Medicine - Faculty Affairs Liaison
Committee 2006-present

UAMS College of Medicine - Dean's Appeals Board
Committee 2008-present

UAMS Institutional Review Board committee 2008-present

UAMS University Hospital - Spine and Neuroscience Institute
Grand Rounds Planning Committee 2004-present

UAMS University Hospital - Acute Pain Advisory Group 2008- present

UAMS University Hospital - The Spine and Neuroscience
Institute Tumor Board 2003-present

UAMS University Hospital - Spinal Cord Injury Committee 2003-present

UAMS University Hospital - Outreach Program 2008-present

UAMS Department of Anesthesia - Journal Club Committee
(Chair) 2007-present

UAMS Department of Anesthesia – Medical Student
Education Committee- UH 2004-present

UAMS Department of Anesthesia - Resident
Education/Curriculum Committee -UH 2004-2011

UAMS Department of Anesthesia - Student Education
Committee 2009-2010

UAMS Department of Anesthesia - Research Committee-UH 2004-present

UAMS Department of Anesthesia - University Hospital
Equipment Committee 2003-2010

UAMS Department of Anesthesia - Resident Review Committee	2007-2010
UAMS Department of Anesthesia - Resident Review Committee UAMS Sub-Committee	2007-present
UAMS Department of Anesthesia - Media/Communication Committee –UH	2007-present
UAMS Department of Anesthesia - Chairman’s Advisory Committee-UH	2007-present
UAMS Department of Anesthesia - Clinical Competence Committee-UH&ACH	2003-present
UAMS Department of Anesthesia - Physician Health Committee-UH	2003-present
UAMS Department of Anesthesia - Residents Review Committee	2003-2010
UAMS Department of Anesthesia - Faculty Promotion &Tenure –UH&ACH	2007-present
Pain Research Lab	2008-Present

Educational Activities

Grand Rounds Lectures

Complex Regional Pain Syndrome	May 2003
Low Back Pain	June 2003
Upper extremity blocks	June 2003
Low Back Pain	June 2004
CRPS	June 2005

CRPS lecture	June 2006
Local anesthetics pharmacology	Sept.2006
CRPS	May 2008
Chronic Low back Pain	May 2008
Spinal Cord Stimulator	May 2009
Intra discal Therapy	May 2010
Neuropathic Pain & Complex Regional Pain Syndrome	May 2011
Intradiscal Modulation	May 2011
Chronic Low Back Pain	May 2012
<u>General Journal Club</u>	
CPRS, Faculty Moderator	January 2002
Pain discussion (PARACOXIB), Faculty Moderator	May 2003
Pain Management COX 2 Controversy Ahmed Ghaleb, MD – Faculty Moderator	May 2003
Pain Journal Club	July 2005
Pain Journal Club	February 2006
Local Anesthetics	September 2007
Shoulder surgery complication	November 2007
Regional anesthesia infection and immunosuppressant	November 2008
Post-operative pain	January 2008
Combined anesthesia and Ortho journal club advances in anesthesia for arthroplasty	May 2008
Practice Guidelines for the Prevention, Detection, and Management of Respiratory Depression Associated with Neuraxial Opioid Administration	November 2009

Pain Journal club	Dec.2009
Pain Journal club	Oct. 2010
Pain Journal club	March 2011
Pain Journal club	Nov. 2011

Mentor Resident Day Presentations

Spinal cord stimulation February 2004
David Skinner, M.D, A. Ghaleb, M.D.

Hypovolemic hemodilution: An option for Perioperative Blood Conservation January, 2005
Indral Chakraborty, M.D., A. Ghaleb, M.D.

Future in Pain Management
G. Rivas, M.D., A. Ghaleb, M.D.

Intrathecal Infusion Therapy
G. Meta, M.D., A. Ghaleb, M.D,

Abdominal Field Block
A.Rafi, M.D., A. Ghaleb, M.D.

Transformational epidural steroid injection for Treatment of Intractable Pain in a Patient with Neurofibromatosis January 2008
Kamal Maheshwari M.D., Ahmed Ghaleb M.

“Preemptive Analgesia, a new approach to an old concept”, January 2008
Rashid Khalil, M.D. Ahmed Ghaleb, M.D.

Understanding Opioid Tolerance January 2009
Igor Ianov, M.D., Ahmed Ghaleb, M.D.

Complex Regional Pain Syndrome January 2010
Christian Savio M.D., Ahmed Ghaleb, M.D.

Resident and Medical Student Didactic Lectures

The Patient with COPD Case Discussion December 2002

The Patient with Brain Trauma Case Discussion January 2003

Cardiac Case	March 2003
Myasthenia Gravis Case	March 2003
PFTS Case Discussion	April 2003
Thyrotoxicosis Case Discussion	May 2008
Addiction and Chronic Pain	April 2009
Somatization Disorder and Chronic Pain	June 2010
Managing difficult Pain Patient	February 2010
Morphine Allergy	May 2010
Patient with Fibromyalgia	August 2010
Failed Back Surgery	March 2011
Addiction and Chronic Pain	March 2012
<u>Medical Student Lectures</u>	
Introduction to Pain Management	November 2003
Peripheral Nerve Blocks	November 2003
Local Anesthetics	May 2004
Acute Pain Management	August 2003
Peripheral Nervous Blocks	August 2003
Local Anesthetics	August 2008
Local Anesthetics	May 2009
Peripheral Nerve Blocks	November 2010
Introduction to Pain Management	May 2011
Acute Pain Management	November 2011
Local Anesthetics	May 2012

Problem Based Lecture Discussion

2002 December	2002
2003 January, March, April, May	2003
2004 March, April, June, September, November	2004
2005 April, February	2005
2006 March, June	2006
2007 May, September	2007
2008 July, October	2008
2009 May, October	2009
2010 June, August	2010

Key Word Conferences :(Board exam Key words)

February	2002
November	2002
May	2004
March	2005
September	2005
January	2006
June	2008

Reading Group Lectures

Local Anesthetics	September, 2007
CA-3 Reading Group Board Questions	August, 2008
CA-3 Reading Group Chapter 27, "Brachial Plexus Block" <u>Yao & Artusio Anesthesia</u>	May, 2009
CA-1 Reading Group Chapter 20, "Prostaglandins" <u>Yao & Artusio Anesthesia</u>	May, 2009
CA-3 Reading Group. Chapter 27, "Brachial Plexus Block"	May, 2009

Yao & Artusio Anesthesia

Formal Academic Advisor:

Indranil Chakraborty, MD	2004-2006
Ahmad Rafi, MD	2004-2006
Jason Holt, MD	2006-2008
Igor Ianov, MD	2006-2008
Adam White, MD	2010- present

Formal Advisor for Medical Students

Josh Smith	Present
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Medical Student Preceptors

Amanda Jones	June,2007
Jay Rajen Vyas	June, 2007
Luke Bennett	June, 2007
Sonal Jagasia	May, 2007
Colt McClain	May,2007
Joseph Sanford	June, 2007
Adam White	August, 2008
Michael Adams,Indiana University	September, 2008
Ina Mehdizadegan	September, 2008
Joshua Dilley	November 2008
Laura Moore	November 2008
Bryan Hoang	November 2008
Bryan Long	December, 2008
Daniel Thrower	January,2009
Andrew Riester	October,2009
Josesph Standford	March, 2010
Jeffrey Herrolts	September, 2010
Lacey Johnson	September, 2010
Deirda McAuley	March, 2011
Stephen Tripp	August, 2011
Paul Silveri	August ,2012

Resident/Fellows Elective Rotation

Annie Khurana	Family Medicine Resident	November2008
Arun Bansal,MD	Family Medicine Resident	December , 2008
Martha Rueday, MD	Family Medicine Resident	November ,2009
Heydi Gutierrez, MD	Geriatric resident Wilmington Delaware	December, 2009

Izoumroud Soultanova, MD	Family Medicine Resident	January, 2010
Sowmya Thadisina	Family Medicine Resident	February, 2010
Natarah Desai, MD	Family Medicine Resident	June, 2010
Mark Wendell, MD	Radiology Resident	December, 2010
Mark Wendell, MD		2011
Karl Schultz, MD	Radiology Resident	2011
Karl Schultz, MD		2012
Shashank Kraleti, MD	Family Medicine Resident Manoj	November, 2010
Mazumder, MD	Family Medicine Resident	2012
Jason Ramirez, MD	Palliative Care Fellow	2012
Shane Sparks, MD	Psychiatric Addition Fellow	May, 2012
Mohammed Khan, MD	Geriatrics Fellow	May, 2012
Zaid Malik, MD	Psychiatrics	May, 2012
Neena Singh, MD	Palliative Care Fellow	May, 2012

Cadaver course with CME:

Dannemiller Interventional Pain Management Techniques Using Fluoroscopic Guidance and Ultrasound, Cadaver Course San Antonio, Texas October 2011

Dannemiller Interventional Pain Management Techniques Using Fluoroscopic Guidance: Basic and Advanced Review Hands On Cadaver Course Illinois Masonic Hospital, Chicago Il, May 2010

Dannemiller Interventional Pain Management Techniques Using Fluoroscopic Guidance and Ultrasound, Advocate Illinois Masonic Medical Center, Chicago, Illinois, Sympathetic Blocks: Celiac Plexus, Lumbar, Hypogastric, Impar May 2011

Intradiscal Techniques: Disc Stimulatation, Disc Decompression IDET October 2011

Advanced Course for Spinal Cord Stimulator Placement, Jack Stevens Spine Institute Anatomy Lab., Little rock, AR August 2006

Other Professional Communication-Teaching

Creation of Share Point (An educational pain website serving nurses, interns and resident) 2009

<i>Creation of “Learn on Thing Every Day” (An e-mail or hand-out for the residents during each day of their Pain Rotation.)</i>	2010
<i>Contributor to Angels (An Antenatal & Neonatal Guidelines, Education & Learning System)</i>	2004-Present Reviewed yearly
Contributor to Web Based Lecture Series for Medical Students	2009
Introductory online course for medical students Acute pain Management	2009
Featured Video Interview on the UAMS Health Website	2010
Contributor to Website ACH Anesthesiology/Pain Medicine	2009

Editorial Board Appointments

Journal of Pain Research	Current
Journal of Mutidisciplinary Healthcare	Current
Editor of E-books, Bertram Science Publisher	Current

Other

Advisor for Addiction Fellowship	2010-Present
Advisor for Pallative Care Fellowship	2010-Present
Consultant for the UAMS Vulvar Disorders Program	2011-Present

Publications

Peer Reviewed Publications

1) Khorasani A, Candido KD, Ghaleb AH , Saatee S, Appavu SK. Canister Tip Orientation and Residual Volume Have Significant Impact on the Dose of Benzocaine Delivered by Hurrricane Spray. <i>Anesth Analg</i> 2001 Feb; 92(2):379-83.	2001
2) Candido KD, Ghaleb AH , Saatee S, Khorasani A. Reevaluating the “Cornerstone of Training in Anesthesiology”. <i>Anesthesiology</i> 2001 Oct; 95(4):1043-4.	2001
3) Gilbert Y. Wong, Ahmed Ghaleb . Neurolytic Celiac Plexus Block in Pancreatic Cancer Pain. <i>The International Journal of</i>	2002

Pain Medicine and Palliative Care, Volume 2, Number 1
2002:12-23.

- 4) Kenneth D. Candido, M.D., Alone P. Winnie, M.D., **Ahmed H. Ghaleb**, M.D., Maher Fattouh, M.D., Carlo Franco, M.D Buprenorphine added to the local anesthetic for axillary brachial plexus block prolongs post-operative analgesia. *Regional Anesthesia and Pain Medicine*, 2002 Mar-Apr; 27(2):162-7. 2002
- 5) Arjang Khorasani, M.D.; Kenneth D. Candido, M.D.; Simin Saatee, M.D.; **Ahmed H. Ghaleb, M.D.** To "Sniff" or Not to "Sniff": That Is the Question. *Anesthesiology* 97(3): 752-753; Sep 2002. 2002
- 6) **Ahmed Ghaleb, M.D.** et al. "Post Dural Puncture Cephalgia ". Review article, *Seminars in pain medicine*. Volume 2, Issue 4, December 2004:215-219. 2004
- 7) Ackerman, W.E., Munir, M.A., and **Ghaleb, A.** Are diagnostic lumbar facet injections influenced by pain of muscular origin? *Pain Practice*, 4: 286-291, 2004. 2004
- 8) **Ahmed Ghaleb, M.D.** Anesthesia for shoulder surgery. Review article. *Progress in Anesthesiology*, June 2004. 2004
- 9) Leila Khorasani, M.D., Kenneth D. Candido, M.D. **Ahmed H. Ghaleb, M.D.** A 4.42% Reduction in the Cross-Sectional Area of a Jugular Vein Can Not Result in Doubling of the ICP. *Anesthesiology*. 2004 Jun; 100(6):1625-6; author reply 1626. 2004
- 10) **A. Ghaleb, M.D.**, M. Munir. Management of Intractable chronic pelvic pain. Review article. *The Journal of Arkansas Medical Society*. *J Ark Med Soc*. 2005 Nov; 102(5):138-41. 2005
- 11) Jue-Ming Zhang M.D., **Ahmed Ghaleb, M.D.** "Cancer related neuropathic pain: mechanism & therapy" Review article, *Journal of Neuropathic Pain & Symptom Palliation* vol. (1) 2005. 2005
- 12) Gentian Meta, M.D., **Ahmed Ghaleb, M.D.**, W. Brooks Gentry M.D., Juan Firnhaber, M.D. Intrathecal Therapy and Associated Masses. *Anesthesia & Analgesia* 2006. *Anesth Analg*. 2006 Jul; 103(1):260-1 2006
- 13) Meta G **Ghaleb A**; Gentry WB; Firnhaber J Intrathecal 2006

therapy-associated masses Case Reports; Letter Anesth Analg - 01-JUL-2006; 103(1): 260-1.

14) Dobretsov M, **Ghaleb AH**, Romanovsky D, Pablo CS, Stimers JR. Impaired Insulin Signaling as a Potential Trigger of Pain in Diabetes and Prediabetes. Int Anesthesiology Clin. 2007 Spring; 45(2):95-105. PMID: 17426511. 2007

15) **Ahmed Ghaleb, M.D.** Book Review: A Practical Approach to Regional Anesthesia, 4th Edition. Anesthesiology: September 2009 - Volume 111 - Issue 3. 2009

16) **Ahmed Ghaleb, M.D.** Post Dural puncture Headache Anesthesiology, Journal of Anesthesiology Research and Practice Volume Research and Practice. 2010; pii: 102967. Epub 2010 Aug 11 2010

17) **Ahmed Ghaleb, MD**, Case Study: Successful Treatment of Chronic Pelvic Pain via Superior Hypogastric Plexus Block, The Journal of the Arkansas Medical Society: June 2010- Volume 102-Number 12. 2010

18) **Ahmed Ghaleb, M.D.** Cervical Blood Patch for Spontaneous CSF Leak at C-2. National Harbor, MD. March 24-27, 2011 American Academy of Pain Medicine Published Abstract. 2011

19) **Ghaleb A**, Khorasanie A. Mangar D, Post dural puncture headache. International Journal of General Medicine Med. 2012; 5: 45-51 (review article) 2012

20) Dilley JD, Crabtree DE, **Ghaleb A.**, The importance of percutaneous trial of spinal cord stimulator in a patient with extreme scoliosis. Pain Med. 2012; 13(6):846-7. 2012

--Accepted for Publication **Ahmed Ghaleb, MD**, Josh Dilley, MD, Anesthesia for shoulder surgery: A review of the interscalene block and a discussion of regional vs. general anesthesia. The open Anesthesia Journal. 2012 2012

ABSTRACTS : (Peer Reviewed Published)

- 1) **A. Ghaleb, M.D.**, K. Candido, M.D., S. Saatee, M.D., A. Khorasani, M.D. Canister tip orientation and residual volume have significant impact on the dose of benzocaine delivered by Hurracaine spray. Abstr. . Midwest Anesthesiology Residents Conference. April 16- 18, 2000, Chicago, Illinois. 2000
- 2) **A. Ghaleb, M.D.**, A. Khorasani, M.D., A. Nader, M.D., K. Candido, M.D. Epidural catheter failure following a rescue bolus dose of alkalinized 0.25% bupivacaine. Abstr. Midwest Anesthesiology Residents Conference. 2001. Milwaukee, Wisconsin. 2001
- 3) **A. Ghaleb, M.D.**, A. Khorasani, M.D., A. Nader, M.D., K. Candido, M.D. Does Changing Head Position Align Anatomical Axes? Abstr. Midwest Anesthesiology Residents Conference. 2001. Milwaukee, Wisconsin. 2001
- 4) **AH Ghaleb MD**, MC Brower MD, GY Wong MD, SR Ross DO, MJ Yaszemski MD PhD. "QUADRATUS FEMORIS MUSCLE INJECTION FOR CHRONIC LEFT HIP/BUTTOCK PAIN". Abstr. Midwest Anesthesiology Residents Conference. March 2002, Omaha, Nebraska 2002
- 5) Ahmed H. **Ghaleb, M.D.**; Marc Brower, M.D.; Gilbert Wong, M.D.; Marc Huntoon, M.D.; Scott Ross, D.O. Quadratus Femoris Muscle Injection for Chronic Left Hip/Buttock Pain 2002 ASA Meeting Abstracts 2002; Oct 2002. 2002
- 6) M. Munir, M.D., **A. Ghaleb, M.D.** Local Perfusion of Dorsal Root Ganglion with Levobupivacaine blocks compression-induced Allodynia and Hyperalgesia beyond Its Duration of Action. 2003 ASA Meeting Abstracts; Oct 2003 2003
- 7) M. Saleem, M.D., **A. Ghaleb, M.D.** Epidural catheter Malfunction. Abst. Gulf Atlantic Anesthesia Meeting, New Orleans, March 2003. 2003
- 8) Majid Saleem, MD, **Ahmed H. Ghaleb, MD**, Carmelita S. Pablo, MD REACTIVATION OF COMPLEX REGIONAL PAIN SYNDROME (CRPS) AFTER VENIPUNCTURE: A CASE REPORT. Abst. Gulf Atlantic Anesthesia Meeting, Orlando, Florida, March 2004. 2004

- 9) M SALEEM, **AH GHALEB**, CS PABLO. SUMMATION AND CRPS. Abst. Gulf Atlantic Anesthesia Meeting, Orlando, Florida, March 2004 2004
- 10) Majid Saleem, MD, **Ahmed Ghaleb MD**, Carmelita Pablo MD, CRPS II FOLLOWING A CERVICAL EPIDURAL STEROID INJECTION: A CASE REPORT. Abst. Gulf Atlantic Anesthesia Meeting, Orlando, Florida, March 2004 2004
- 11) David Skinner, MD, **Ahmed Ghaleb, MD**, Charles Napolitano, MD. Spinal cord stimulators. Abst. Gulf Atlantic Anesthesia Meeting, Orlando, Florida, March 2004. 2004
- 12) William E. Ackerman, M.D., Jun-Ming Zhang, M.D., M.Sc and **Ahmed H Ghaleb, M.D.** Efficacy of Stellate Ganglion Blockade in CRPS is a Function of Skin Blood Flow. 2004 ASA Meeting Abstracts; Oct 2004 2004
- 13) William E. Ackerman M.D., **Ahmed Ghaleb M.D.** (hs-CRP elevation as a serum marker of nerve root inflammation) abstract .The 24th Annual Scientific Meeting, American pain society April, 2005. 2005
- 14) Majid Saleem M.D., **Ahmed Ghaleb M.D.**, and Carmelita Pablo M.D. Summation and CRPS? Abstract, SAMBA (Society for Ambulatory Anesthesia). 20th Annual Meeting May 2005, Scottsdale, Arizona. 2005
- 15) Majid Saleem M.D., **Ahmed Ghaleb M.D.**, and Carmelita Pablo M.D. CRPS II Following A Cervical Epidural Steroid Injection: A Case Report .Abstract, SAMBA (Society for Ambulatory Anesthesia). 20th Annual Meeting May 2005, Scottsdale, Arizona. 2005
- 16) Majid Saleem M.D., **Ahmed Ghaleb M.D.**, and Carmelita Pablo M.D. Reactivation of Complex Regional Pain Syndrome (CRPS) After Venipuncture: A Case Report Abstract, SAMBA (Society for Ambulatory Anesthesia). 20th Annual Meeting May 2005, Scottsdale, Arizona. 2005
- 17) Meta G, **Ghaleb A**, Firnhaber J. Treatment of Intractable Pain in a Patient with Neurofibromatosis I. Abst. SAMBA 20th Annual Meeting. Scottsdale, Arizona. May, 2005. 2005
- 18) Meta G, **Ghaleb A**, Firnhaber J. Spinal Cord Compression by Catheter Granuloma in High-dose Intrathecal 2005

Hydromorphone Therapy: Case Report. SAMBA 20th Annual Meeting. Scottsdale, Arizona. May, 2005.

19) Gentian Meta, M.D., **Ahmed Ghaleb, M.D.**, Juan Firnhaber, M.D. CRPS II after Chiari I Decompression. Case Report. Abst. Gulf Atlantic Anesthesia Meeting. Miami, Florida, 2005. 2005

20) Gentian Meta, M.D., **Ahmed Ghaleb, M.D.**, Juan Firnhaber, M.D. Prevention of Phantom Limb Pain Using Epidural Analgesia. Case Report. Abst. Gulf Atlantic Anesthesia Meeting. Miami, Florida, 2005. 2005

21) Gentian Meta M.D., **Ahmed Ghaleb M.D.**, and Juan Firnhaber, M.D. Intrathecal Therapy and Associated Masses Abstract, SAMBA (Society for Ambulatory Anesthesia). 20th Annual Meeting May 2005, Scottsdale, Arizona. 2005

22) Treatment of Intractable Pain in a Patient with Neurofibromatosis I: Case Report Gentian Meta M.D., and **Ahmed Ghaleb M.D.** Abstract, SAMBA (Society for Ambulatory Anesthesia). 20th Annual Meeting May 2005, Scottsdale, Arizona. 2005

23) Gentian Meta, M.D., **Ahmed Ghaleb, M.D.**, Juan Firnhaber, M.D. Successful Treatment of Chronic Pelvic Pain via Superior Hypogastric Plexus Block. Abst. ASRA Annual Meeting, Palm Springs, California, 2006. 2006

24) Memon Rehan, M.D., **A.Ghaleb, M.D.**, C. Pablo, M.D. COMPLEX REGIONAL PAIN SYNDROME TYPES 1 AND 2. Abstr. ASRA Meeting 2006. 2006

25) Memon Rehan, M.D., **A.Ghaleb, M.D.**, C. Pablo, M.D. COMPLEX REGIONAL PAIN SYNDROME TYPES 1 AND 2. Abstr. NYSORA Meeting 2006. 2006

26) **Ahmed H Ghaleb, M.D.**, Gentian Meta, M.D. and Carmelita Pablo, M.D. Title: Spinal Cord Stimulator and Associated Hypotension .Abstr. ASA Annual Meeting, San Francisco, Oct. 2007. 2007

27) **Ahmed Ghaleb, M.D.**, Carmelita Pablo, M.D. Treatment of Persistent Testicular Pain: Case Report, Abst. ASA Annual Meeting, San Francisco, Oct. 2007. 2007

- 28) Rashid Khalil M.D. and **Ahmed Ghaleb M.D.** Successful Anesthetic Management of a patient with CRPS, Abst. Gulf Atlantic Anesthesiology Meeting, New Orleans April 2008. 2008
- 29) Kamal Maheshwari MD, **Ahmed Ghaleb MD.** Transformational epidural steroid injection for Treatment of Intractable Pain in a Patient with Neurofibromatosis: Case Report Abst. Gulf Atlantic Anesthesiology Meeting, New Orleans, April 2008. 2008
- 30) Rashid Khalil M.D., **Ahmed Ghaleb M.D.** A Challenging case of Chronic Orchialgia, Abst. Gulf Atlantic Anesthesiology Meeting, New Orleans, April 2008. 2008
- 31) Kamal Maheshwari M.D., Srikanthan Kandasamy M.D., **Ahmed Ghaleb, M.D.**, NEW ONSET INOPERATIVE ATRIAL FIBRILLATION IN ELECTIVE NON CARDAC SURGERY, Abst. Gulf Atlantic Anesthesiology Meeting, New Orleans, April 2008 2008
- 32) Rashid Khalil M.D., **Ahmed Ghaleb M.D.** An Uncommon but serious adverse event of Spinal Cord Stimulation, Abst. Gulf Atlantic Anesthesiology Meeting, New Orleans, April 2008. 2008
- 33) **Ahmed Ghaleb M.D.**, Juan Firnhaber, MD Treatment of Persistent Testicular Pain: Case Report. APPM Annual Meeting, Orlando 2008. 2008
- 34) Rashid Khalil M.D., **Ahmed Ghaleb M.D.** A Challenging case of Chronic Orchialgia, Abst. 33RD ANNUAL REGIONAL ANESTHESIA MEETING May 1-4, 2008 Cancun, Mexico. 2008
- 35) P.K Grewal, MD., Juan B. Firnhaber-Burgos, MD. **Ahmed Ghaleb, MD.** The epidural works but the patient hurts!!!: Case report 33RD ANNUAL REGIONAL ANESTHESIA MEETING May 1-4, 2008 Cancun, Mexico. 2008
- 36) Kamal Maheshwari MD, **Ahmed Ghaleb MD.** Transformational epidural steroid injection for Treatment of Intractable Pain in a Patient with Neurofibromatosis: Case Report Abst. 33RD ANNUAL REGIONAL ANESTHESIA MEETING May 1-4, 2008 Cancun, Mexico. 2008
- 37) Carmen Keith, M.D., **Ahmed Ghaleb, M.D.** The History of spinal anesthesia. Abstract. American Society of Anesthesia 2008

Annual Meeting, Orlando, Florida, October 2008.

- 38) P.K Grewal, MD., Juan B. Firnhaber-Burgos, MD. **Ahmed Ghaleb, MD.** The epidural works but the patient hurts!!!: Case report 33RD ANNUAL REGIONAL ANESTHESIA MEETING May 1-4, 2008 Cancun, Mexico. 2008
- 39) Kamal Maheshwari MD, **Ahmed Ghaleb MD.** 2008
Transformational epidural steroid injection for Treatment of Intractable Pain in a Patient with Neurofibromatosis: Case Report Abst. 33RD ANNUAL REGIONAL ANESTHESIA MEETING May 1-4, 2008 Cancun, Mexico.
- 40) Rashid Khalil M.D., **Ahmed Ghaleb M.D.** An uncommon but serious adverse event of spinal cord stimulation, ASRA Meeting, November 2008. 2008
- 41) **Ahmed Ghaleb M.D.** The History of Spinal and Epidural Steroid Injection scientific Abstract. American Society of Anesthesia Annual Meeting, New Orleans, Louisiana, October 2009. 2009
- 42) **Ahmed Ghaleb M.D.**, Victor Mandoff. Greek Mythology Gods Were the Original Pain Specialist, scientific Abstract. American Society of Anesthesia Annual Meeting, New Orleans, Louisiana, October 2009. 2009
- 43) Reagan Baber, M.D., **Ahmed Ghaleb, M.D.** SCS for pudendal neuralgia, Abstract. American Society of Anesthesia Annual Meeting, New Orleans, Louisiana, October 2009 2009
- 44) **Ahmed Ghaleb, M.D.**, SCS for Pelvic Pain North American Neuromodulation Society NANS Annual Meeting – November 2009 2009
- 45) **Ahmed Ghaleb, M.D.** "Dorsal column Spinal cord Stimulator for Treatment of Pudendal Neuralgia". NYSORA World Anaesthesia congress, March 2010 2010
- 46) Daa Bahgat, Erika Petersen, **Ahmed Ghaleb**, Spinal Cord Stimulation for Post-Orchiectomy Neuropathic Pain: Case Report, Poster Presentation 2012

Presentations

Presentation at National and International Meetings

Marc Meeting, Chicago, IL – Poster Presentation Canister Tip Orientation and Residual Volume have Significant Impact on the Dose of Benzocaine Administered by Spray	March 2000
ASA Annual Meeting, San Francisco, CA – Poster Presentation Canister Tip Orientation and Residual Volume have Significant Impact on the Dose of Benzocaine Administered by Spray	October 2000
Marc Meeting, Milwaukee, WI – Poster Presentation Epidural catheter failure following a rescue bolus dose of alkalinized 0.25% bupivacaine	March 2001
Marc Meeting, Milwaukee, WI – Poster Presentation Reevaluating the Cornerstone of Training in Anesthesiology	March 2001
Marc Meeting, Omaha, NE – Poster Presentation Quadratus Femoris muscle injection for chronic left hip/buttock pain	March 2002
ASA Meeting, New Orleans, LA – Poster Presentation Quadratus Femoris Muscle Injection for Chronic Left Hip/Buttock Pain	October 2002
29th Annual Gulf Atlantic Anesthesia Conference, New Orleans, LA .Epidural catheter failure: A Case Report	March 2003
ASA Meeting, San Francisco, CA – Poster Presentation Local Perfusion of Dorsal Root Ganglion with Levobupivacaine blocks compression-induced Allodynia and Hyperalgesia beyond Its Duration of Action.	October 2003
30 th Annual Gulf Atlantic Anesthesia Conference, Orlando, FL.Reactivation of Complex Regional Pain Syndrome (CRPS) After Venipuncture: A Case Report	March 2004
30 th Annual Gulf Atlantic Anesthesia Conference, Orlando, FL.Spinal cord stimulators	March 2004
American Society of Anesthesiology Annual Meeting, Las Vegas, NV – Poster Presentation, Efficacy of Stellate Ganglion	October 2004

Blockade in CRPS is a Function of Skin Blood Flow

Gulf Atlantic Anesthesia Conference, Miami, FL – Poster Presentation CRPS II after Chiari I Decompression. Prevention of Phantom Limb Pain Using Epidural Analgesia	March 2005
24 th Annual Scientific Meeting, Boston, MA Poster Presentation -CRPS elevation as a serum marker of nerve root inflammation	April 2005
20 th Annual SAMBA Meeting, Scottsdale, AZ Intrathecal Therapy and Associated Masses	May 2005
20 th Annual SAMBA Meeting, Scottsdale, AZ Treatment of Intractable Pain in a Patient with Neurofibromatosis I	
20 th Annual SAMBA Meeting, Scottsdale, AZ Spinal Cord Compression by Catheter Granuloma	
20 th Annual SAMBA Meeting, Scottsdale, AZ Reactivation of Complex Regional Pain Syndrome after Venipuncture	
20 th Annual SAMBA Meeting, Scottsdale, AZ CRPS II Following a Cervical Epidural Steroid Injection	
20 th Annual SAMBA Meeting, Scottsdale, AZ Summation and CRPS	
ASA Annual Meeting, Medically Challenging Cases CRPS and Summation. M Saleem, AH Ghaleb, CS Pablo.	October 2005
ASA Annual Meeting, Medically Challenging Cases Reactivation of CRPS type I after venipuncture; A Case Report. M Saleem, AH Ghaleb, CS Pablo.	
ASA Annual Meeting, Medically Challenging Cases CRPS type II after cervical epidural steroid injection. M Saleem, AH Ghaleb, CS Pablo.	
ASRA Annual Meeting, Palm Beach, CA Poster Presentation	November 2006
Successful Treatment of Chronic Pelvic Pain via Superior Hypogastric Plexus Block	December 2006

ASRA Annual Meeting Complex Regional Pain Syndrome Types 1 and 2	October 2007
NYSORA Meeting Complex Regional Pain Syndrome Types 1 and 2	April 2008
ASA Annual Meeting, San Francisco, CA Spinal Cord Stimulator and Associated Hypotension	Oct,2007
ASA Annual Meeting, San Francisco, CA Treatment of persistent testicular pain	
Gulf Atlantic Anesthesiology Meeting, New Orleans, LA Successful Anesthetic Management of a patient with CRPS	April 2008
Gulf Atlantic Anesthesiology Meeting, New Orleans, LA Transformational epidural steroid injection for Treatment of Intractable Pain in a Patient with Neurofibromatosis	
Gulf Atlantic Anesthesiology Meeting, New Orleans, LA A Challenging case of Chronic Orchiagia, Abst.	
Gulf Atlantic Anesthesiology Meeting, New Orleans, LA New onset inoperative atrial fibrillation in elective non cardiac surgery	
Gulf Atlantic Anesthesiology Meeting, New Orleans, LA An Uncommon but serious adverse event of Spinal Cord Stimulation	
APPM Annual Meeting, Orlando, FL, Treatment of Persistent Testicular Pain: A Case Report	Feb. 2008
33 rd Annual Regional Anesthesia Meeting, Cancun, Mexico A Challenging case of Chronic Orchiagia	May 2008
33 rd Annual Regional Anesthesia Meeting, Cancun, Mexico The epidural works but the patient hurts!!!	
33 rd Annual Regional Anesthesia Meeting, Cancun, Mexico Transformational epidural steroid injection for Treatment o Intractable Pain in a Patient with Neurofibromatosis	

American Society of Regional Anesthesia Annual Meeting, Orlando FL.The History of Spinal Anesthesia ASRA Meeting	November 2008
ASRA. An uncommon but serious adverse event of spinal cord stimulation	November 2008
American Society of Anesthesia Annual Meeting,New Orleans, LA.The History of Spinal and Epidural Steroid Injection scientific	October 2009
American Society of Anesthesia Annual Meeting, New Orleans, LA .Greek Mythology Gods Were the Original Pain Specialist	October 2009
American Society of Anesthesia Annual Meeting,New Orleans, LA .SCS for Pudendal Neuralgia	October 2009
"Dorsal column Spinal cord Stimulator for Treatment of Pudendal Neuralgia". NYSORA World Anaesthesia Congress Dubai, UAE	March 2010
Cervical Blood Patch for Spontaneous CSF Leak at C2 Poster Presentation ,American Academy of Pain Medicine Annual Meeting .National Harbor, Maryland	March 2011

Editorial review

Reviewer of Abstract

A Novel Technique: Fluoroscopic Guided Injection of the Ischial Bursa, Marjorie E. Robinson, MD, Abstract Type: Clinic Investigation. Anesthesia News November, 2010.

Reviews of Educational Material Book

Reviews of Educational Material Book: A Practical Approach to Regional Anesthesia,4th Edition Author: Michael F. Mulroy, M.D.,Christopher M Bernards M.D., Susan B. McDonald, M.D., and Francis V. Salinas, M.D. Philadelphia, Lippincott Williams & Wilkins, 2009

Peer-Review of Manuscript

Manuscript title: "Chronic postsurgical pain: Still a neglected topic" Author: Professor Kissin Journal: Journal of Pain Research Submission ID: 35145 2012

Manuscript title: "Does the Diagnosis Influence Outcome in Multimodal Outpatient Pain Management Programs for Low Back Pain and Sciatica? "A comparative study" Submission ID: 31753 Author: Dr. Artner Journal: Journal of Multidisciplinary Healthcare. 2012

2012 Manuscript title: "Repeat-dose, steady-state pharmacokinetic evaluation of once-daily hydromorphone extended-release (OROS Hydromorphone ER) in patients with chronic pain". Submission ID: 33807 Author: Dr. Vandebossche Journal: Journal of Pain Research 2012

2012 Manuscript title: Fluoroscopic Caudal Epidural Injections in Managing Chronic Axial Low Back Pain Without Disc Herniation, Radiculitis, or Facet Joint Pain". Submission ID: 35924 Author: Dr. Manchikanti Journal: Journal of Pain Research 2012

Invited Guest Speaker

US Air Force Medical Center, Jacksonville, AR Low back pain April 2003

Department of Gynecological Oncology, University of Arkansas for Medical Sciences, Little Rock, AR Cancer pain August 2004

Department of Family Practice, El Dorado, AR Acute Pain Management March 2004

VA Medical Center and Reynolds Center, Little Rock, AR Advances in pain management April 2004

Conway Medical Center, Conway, AR Low back pain April 2004

26th Annual Family Practice Intensive Review Course (IRC), University of Arkansas for Medical Sciences, Little Rock, AR What can a pain physician do for you? June 2004

Department of Preventive Medicine and Family Practice, University of Arkansas for Medical Sciences, Little Rock, AR Advances in pain	August 2004
DWR Department of Geriatrics, University of Arkansas for Medical Sciences, Little Rock, AR Chronic pain in elderly	September 2004
"Fibromyalgia and Pain Management" interactive video conference	February 2005
"Geriatrics and Long Term Care: 8 th Annual Update and Intensive Review"	October 2006
MIRT Supportive Care Group Education, University of Arkansas for Medical Sciences, Little Rock, Arkansas Pain	Sept, 2007
Donald W. Reynolds Institute on Aging Elderly Low Back Pain 9 th Annual Geriatrics and Long Term Care Update Donald W. Reynolds, Institute on Aging Little Rock, Arkansas	Sept, 2008
AHEC (Area Health Education Center), Jonesboro, AR Advances in Treating Low Back Pain	June 2009
CNE lecture for UAMS nurses Acute pain and Post-Operative Pain Management for Nurses	December 2009
Illinois Masonic Anesthesiology Residence Program. Advances in Intradiscal therapy	May 2010
University of Florida Anesthesiology Department Complex Regional Pain Syndrome	June 2010
26 th Annual Arkansas Workman Commission Educational Conference New Surgical Techniques For Pain Management: Better Than a Pill?	October 2010
Spinal cord injury society of Arkansas .Advances in treating spinal cord injury pain	June 2011
US Air Force Medical Center, Jacksonville, AR Advances in treating chronic pain	July 2011

Department of Preventive Medicine and Family Practice, University of Arkansas for Medical Sciences, Little Rock, AR Advances in CRPS and neuropathic pain	August 2011
Donald W. Reynolds institute on aging, Geriatric Pain	Sept., 2011
UAMS Rheumatology Grand Round .Barriers of treating pain	March 2012
UAMS Internal Medicine Grand Round Challenges of Treating chronic pain .Recorded for the Center for Rural Health for CME enduring materials.Website	March 2012
ARAPA (Arkansas Academy of Physician Assistants) Conference , Capitol hotel .Chronic Back Pain	May 2012
Grand Rounds Physical Medicine and Rehabilitation Barrier to Effective Pain Management and Issues of opioid misuse and abuse	May 2012

RESEARCH :

- 1)2011-Present Spinal Cord Stimulator for Atypical Facial pain. A. Ghaleb, M.D., E. Petersen, M.D, J. Suen, M.D.
- 2)2011-Present Catheter Placement for Atypical Facial Pain. A.Ghaleb, M.D., E. Petersen, M.D., J. Suen, M.D.
- 3)2011-Present Development of Atypical Pain Assessment Tool for a Typical Facial Pain, A. Ghaleb, M.D., E. Petersen, M.D., J. Suen, M.D.
- 4) 2012 Promise Study Medtronic. (Prospective, Randomized Study of Multicolumn Implantable Lead Stimulation for Predominant Back Pain) clinical study. Dr. Ghaleb and Dr. Petersen invited to participate.
- 5) Systemic Effects of Epidural Steroid Injections on the Hypothalamic-Pituitary-Adrenal Axis
- 6) 1992 June-1993 June Assistant researcher in army project that studied incidence and control of meningitis.
- 7) 1992 March-1992 June Assistant researcher in Sentinel Diagnostic System. Studied incidence and control of acute respiratory infection in children below age six.
- 8) Local Perfusion of Dorsal Root Ganglion with Levobupivacaine blocks compression-induced Allodynia and Hyperalgesia beyond Its Duration of Action.
- 9) Review of the UAMS 10 Year Experience with Anterior Spinal Decompression, Reconstruction, and Bone Grafts.
- 10) Efficacy of Stellate Ganglion Blockade in CRPS is a Function of Skin Blood Flow.
- 11) hs-CRP elevation as a serum marker of nerve root inflammation.
- 12) A prospective, randomized, single-blind, controlled trial comparing post-operative pain control in total knee arthroplasty patients using femoral nerve block versus femoral and obturator nerve block. IRB#:43518.
- 13) The Effect of Intra-articular Morphine Prior to Total Knee

Arthroplasty on Postoperative Pain. IRB#:28935.

14) A Phase III Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Multicenter Study to Determine the Efficacy and Safety of Buprenorphine Transdermal System (BTDS) in Subjects with Moderate to Severe Osteoarthritis (OA) Pain Requiring Daily Treatment with Opioids.
IRB#:28624

15) A comparison of laser imaging with three-phase scintigraphy for the diagnosis of CRPS Type 1.

16) Are Diagnostic lumbar facet injections influenced by pain of muscular origin?

17) Canister tip orientation and residual volume have significant impact on the dose of benzocaine delivered by Hurricaine spray.

18) Buprenorphine added to the local anesthetic for axillary brachial plexus block prolongs post-operative analgesia.
Regional Anesthesia and Pain medicine.

19) "Effect of Intrathecal Sufentanil with Low Dose Lidocaine on the Duration of Postoperative Hospital Stay for Same Day Patients for Rectal Surgery."

20) Preventive Use of Intravenous Ondansetron Reduces the Incidence of Intrathecal Opioid Induced Pruritus in Patients Undergoing Outpatient Surgical Procedures.

20) Pre-emptive analgesic effect of Epidural Levo-Bupivacaine - Its hormonal pattern in lower abdominal surgery.

22) Stellate ganglion block for treatment of complex regional pain syndrome using local anesthetics Vs. local anesthetics plus steroid.

23) Buprenorphine added to local anesthetics for popliteal nerve block prologs post-operative analgesia.

24) The impact of the state of neuroactivity on the onset of conduction block with Levo-bupivacaine.

Other Creative Products

Service to the Community

KHTV Channel 11 CBS interview increasing awareness of Post Herpetic neuralgia	2004
The National Council on the Aging, University Park Adult Leisure Center. Educate older adults in local communities about PHN (post herpetic neuralgia)	2004
Volunteer Lecturer for UAMS outreach program (volunteer lecturer for underserved hospitals and medical centers in rural Arkansas)	2005-Present