

André Boezaart, M.D., Ph.D. (Last updated 20 JUNE 2021)



CURRICULUM VITAE

André Pierre Boezaart

M.B.Ch.B., M.Prax.Med. D.A.(CMSA), F.F.A.(CMSA), M.Med(Anaesth)., Ph.D.
(M.D., Ph.D)

PERSONAL INFORMATION

Home Address: Panorama Close 3, Still Bay
Western Cape, 6674, South Africa

Work Address: CareWell Subacute Hospital
Thys Vissie Street
Still Bay West
Western Cape, 6674, South Africa

Telephone: +27-72-670-1958 (Mobile)
+27-28-754-1044 x 200 (Consulting Rooms)
+1 (352) 846-0913 (USA Office)
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Andre@Boezaart.com (Personal)
Painsupport@Boezaart.com (RN (Nursing Sister) Practice)
Practice@Boezaart.com (Private Practice)
APB@Raeducation.com (Business)
Andre@Tswelo.com (Business)
Andre@Luminapain.com (Lumina Pain Medicine Collaborative)

Websites: <https://www.luminapain.com>
<https://www.Tswelo.com>

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<https://www.anest.ufl.edu>

Twitter: @aboezaart1

Citizenship: Republic of South Africa
United States of America

Languages: English, Afrikaans, Dutch*, Northern Sotho*. (*Read and verbal communication only)

Date of Birth: November 7, 1949

Place of Birth: Pretoria, South Africa

Marital status: Married to **Karin** (nee Cuypers) for 47 years.
Three children: **Kim**:
(Three children: Dihan (18), Mila (14) & Sebastian (9))
Ted married to Johke (nee Koornhof)
(Two children: André Christian (12) & Zani (9))
Anneli (Diseased December 1999)

PRESENT and RECENT APPOINTMENTS

Chief Medical Officer: Alon P. Winnie Research Institute, Cancer Pain Treatment and Research Foundation, Still Bay, Western Cape, South Africa - Currently

Chief Medical Officer: Lumina Pain Medicine Collaborative, Surrey, United Kingdom - Currently

Owner: Professor André P. Boezaart Inc, Anesthesiology and Pain Medicine Private Practice, Still Bay, Western Cape South Africa - Currently

Co-founder and Medical Director: Tswelopele Laboratories, Richmond Virginia, USA - Currently

Professor (Emeritus): Anesthesiology and Orthopaedic Surgery,
University of Florida College of Medicine, Gainesville, Florida, USA - 2019 – present

Director (Emeritus): Regional Anesthesiology and Perioperative Pain Medicine Fellowship Program, Department of Anesthesiology, University of Florida College of Medicine.
2007 – 2013

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Chief (Emeritus): Division of Acute and Peri-operative Pain Medicine, Department of Anesthesiology, University of Florida College of Medicine, Gainesville, Florida, USA 2007 - 2018

Chief (Emeritus): Acute Pain Service, UFHealth at Shands, University of Florida College of Medicine, Gainesville, Florida, USA. 2007 – 2018

Co-founder: UF Patient and Family Centered Care Program for Total Joint Replacement, University of Florida College of Medicine, Gainesville, Florida, USA. 2007.

Co-founder: UF Cancer and Palliative Care Collaborative, University of Florida College of Medicine, Gainesville, Florida, USA. 2012.

GRADUATE MEDICAL EDUCATION

- 1968 – 1973: M.B.Ch.B. – Bachelor of Medicine and Surgery (Medicine, Surgery, Paediatrics, Obstetrics and Gynaecology), University of Pretoria, Medical Campus, Pretoria, Northern Province, South Africa
- 1973: USA Educational College for Foreign Medical Graduates (ECFMG) examination
- 1973 (Nov/Dec): Intern (General Surgery), Thembisa Hospital, Department of Surgery, Johannesburg, Gauteng, South Africa
- 1974 (Jan – Dec): Intern (Internal Medicine and Surgery), National Hospital, Departments of Internal Medicine, Surgery, Gynecology and Obstetrics, Bloemfontein, Free State, South Africa
- 1980 – 1984: M.Prax.Med. (Masters in Family Medicine), University of Pretoria, Department of Family Medicine, Pretoria, Northern Province, South Africa (Thesis: **Sexual dysfunction in normal healthy marriages in South Africa**)
- 1985: D.A. (College of Medicine of South Africa) – Diploma in Anesthesiology
- 1985 – 1988: Resident in Anesthesiology, University of the Witwatersrand Johannesburg Hospital, Department of Anesthesiology, Johannesburg, Gauteng, South Africa, [Rotated through all the subspecialties including 24 months Intensive Care]

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- 1988: F.F.A. (College of Medicine of South Africa) – Fellowship of the Faculty of Anesthesiologists
- 1989: M.Med. (Anaest) (Masters of Medicine in Anaesthesiology), University of Witwatersrand, Johannesburg Hospital, Department of Anesthesiology, Johannesburg, Gauteng, South Africa (Thesis Medical Physics – **Scavenging of waste anesthetic gases: A new device to scavenge the waste gases of the Jackson Rees modification of the Ayres T-Piece pediatric anesthetic circuit**).
- 1999: Ph.D., (Anesthesiology, Thesis Neuro-anesthesia – **Cerebral Blood Flow, Metabolism and Function during Induced Hypotension: An Animal Study comparing Esmolol with Isoflurane and Sodium Nitroprusside**), University of Stellenbosch, Tygerberg, Western Cape, South Africa. Internal Promoter: Prof André R Coetzee, University of Stellenbosch. External Promoter: Prof Michael Todd, University Of Iowa, Iowa City Iowa.

BOARD CERTIFICATION AND MEDICAL LICENSURE

- **Medical Degree: M.B.Ch.B** (1973) University of Pretoria, South Africa
- **EGFMG:** (Examination passed 1973) Certificate indefinite (Permanent) Certification No. 0203-580-6; (Certification registered 11/11/1986)
- **HPCSA:** (Health Professionals Council of South African) (1975) No. MP 0160644, Type: Medical Practitioner – Independent Practice: 1/1/1974 – 12/31/1988. Specialist Anesthesiologist – Independent Practice :12/31/88–present
- **Family Medicine: M.Prax.Med.** (1983) University of Pretoria, South Africa
- **Diploma in Anesthesiology: D.A. (CMSA)** (1985) College of Medicine of South Africa
- **Fellowship of the Faculty of Anesthesiologists: F.F.A.(CMSA)** (1988) College of Medicine of South Africa
- **Health Professionals Council of South Africa (HPCSA):** 1987: Specialist in Anesthesiology (HPCSA Registration number MP 0160644)
- **Master of Medicine: M.Med. (Anaesth)** (1989) University of the Witwatersrand, Johannesburg, South Africa
- **Ph.D. (Neuro-anesthesiology):** (1999) University of Stellenbosch, South Africa
- **Iowa State Medical License:** (2001) (Special License) Number: SP-130; 12/8/01 – June 2007.
- **Florida State Medical License:** (2010) (Permanent) Number ME 111242; Current

OTHER LICENSURE AND CERTIFICATION

André Boezaart, M.D., Ph.D. (Last updated 20 JUNE 2021)

- **Professional Hunter's License:** Limpopo Province Republic of South Africa; Jan 1009 – Present. (PH Permit Number CPM-004-00410).
- **PHASA** (Professional Hunter's Association of South Africa; Jan 2009 – Present (PHASA Membership number BOE003)
- **Private Pilot License:** 1978 - 1992

MILITARY SERVICE

- **Conscription SADF 1975/6:** Member of Number 1 Forward Surgical Unit as part of South African/USA participation of Operation Savannah of the Secret Angola (just after Vietnam) where South African Defense Force (SADF), backed by the USA, was involved in a conventional war against Cuban forces, backed by the USSR. Performed the first continuous nerve blocks under austere military conflict conditions. Pro Patria Medal for active combat duty with Kunene buckle.

FACULTY APPOINTMENTS

1/1/75–6/30/75:	Medical Officer (Family Medicine), Letaba Dutch Reformed Mission Hospital, Letaba, Northern Province, South Africa
7/1/75–6/30/76:	Anesthesiologist for Number 1 Forward Surgical Unit, Conscribed National Service, South African Defense Force during SA/USA participation of Secret CIA Angolan War, Angola, West Africa
7/1/76–1/31/77:	Superintendent (Chief Executive Officer), Letaba Hospital, Letaba, Northern Province, South Africa
2/1/77–12/31/78:	Private General Practice (Family Medicine), Sabie, Mpumalanga, South Africa (in partnership with brother Dr. LC Boezaart, Dr. RG Nel and Dr. J Fölscher)
1/1/79–12/31/84:	Private General Practice (Family Medicine), Tzaneen, Limpopo Province, South Africa (in partnership with brother Dr. LC Boezaart, now an ophthalmologist)
1/1/85–12/31/89:	Resident in Anesthesiology, University of the Witwatersrand, Johannesburg, Gauteng, South Africa
1/1/88–1/31/89:	Fellowship (Junior Faculty in ICU), University of Witwatersrand, Johannesburg Hospital, Johannesburg, Gauteng, South Africa

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- 2/1/89–3/31/90: Private Anesthesiology Practice, Bellville, Western Cape, South Africa and ICU Consultant (Faculty in ICU), Panorama Hospital, Bellville, Western Cape, South Africa. Also Medical Director of Cape Eye Hospital, Bellville South Africa
- 4/1/90–5/31/01: Private Anesthesiology Practice, Paarl, Western Cape, South Africa and Consultant [Faculty] and SICU Director, Paarl Medi-Clinic Hospital, Paarl, Western Cape, South Africa
- 1/1/92–5/31/01: Part time Senior Specialist [Senior Faculty], University of Stellenbosch, Tygerberg Hospital, Department of Anesthesiology, Tygerberg, Western Cape, South Africa
- 1/1//94-5/31/01: Director of Cape Eye Institute, Western Cape, South Africa, 1994-2001 (~15,000 peri-retrobulbar blocks)
- 1/1//94-5/31/01: Anesthesiologist and Acute Pain Physician at Cape Shoulder Institute, Western Cape, South Africa, (~4,700 continuous interscalene blocks and ~1,400 continuous cervical paravertebral blocks)
- 6/1/01-6/1/04: Associate Professor (Clinical) University of Iowa, Department of Anesthesia, Iowa City, Iowa, and Director, Regional Anesthesia Study Center of Iowa (RASCI), University of Iowa, Department of Anesthesia, Iowa City, Iowa, USA
- 12/1/05-6/30/07: Director, Orthopaedic Anesthesia, University of Iowa, Department of Anesthesia, Iowa City, Iowa, USA. Joint appointment as Professor, University of Iowa, Department of Orthopaedic Surgery, Iowa City, Iowa, USA
- 6/14/04-6/30/07: Director, Regional Anesthesia Fellowship Program, University of Iowa, Department of Anesthesia, Iowa City, Iowa, USA
- 6/1/04-6/30/07: Full Professor (Clinical) University of Iowa, Department of Anesthesia, Iowa City, Iowa, USA
- 7/1/03-6/30/07: Director and Founder, Regional Anesthesia Study Center of Iowa (RASCI), University of Iowa, Department of Anesthesia, Iowa City, Iowa, USA
- 7/1/07-6/30/09: Full Professor (Clinical) of Anesthesiology and Orthopaedic Surgery, Department of Anesthesiology, University of Florida College of Medicine, Gainesville Florida, USA

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- 7/1/09-6/30/2019: Full Professor (Tenured) of Anesthesiology and Orthopaedic Surgery, Department of Anesthesiology, University of Florida College of Medicine, Gainesville Florida, USA
- 7/1/07-6/30/2018: Professor and Chief, Division of Acute Pain Medicine and Regional Anesthesia, University of Florida College of Medicine, Department of Anesthesiology, Gainesville, Florida, USA
- 7/1/07–4/30/2013: Director of Acute Pain and Peri-operative Medicine Fellowship Program, Department of Anesthesiology, University of Florida College of Medicine, Gainesville Florida, USA
- 7/1/07-6/30/2018: Professor and Chief: Acute Pain Service, UFHealth, University of Florida College of Medicine.
- 6/30/2019 Retired from University of Florida. Emeritus Professor status awarded.

HONORS, AWARDS AND PATENTS

- **Dux colors**, University of Pretoria, Pretoria, Northern Province, South Africa, 1972.
- **Pro Patria Military Medal** from South African Defense Force for active military duty during Angolan Civil War, July 1976.
- **Criticon Travel Scholarship** prize for 1994 for best design (Boezaart AP. A non-invasive approach to monitoring of ventilation during intra-ocular surgery under regional anaesthesia. SA Society of Anaesthesiologists National meeting, 1994).
- **Trigate prize** for the best South African publication during 1999 (**Boezaart AP**, de Beer JF, du Toit JC, van Rooyen K. A new technique of continuous interscalene nerve block. Can. J. Anesth. 1999; 46: 275 – 281).
- **Trigate prize** for the best South African publication during 2000 (**Boezaart AP**, Eksteen JA, VD Spuy G, Rossouw P, Knipe M. Intrathecal Morphine: Double-blind evaluation of optimal dosage for analgesia after major lumbar spinal surgery. Spine (Phila Pa 1976). 1999 Jun 1;24(11):1131–7.
- Residents **Excellence in Teaching Award**, University of Iowa Anesthesia Residents, 2005.
- Residents **Excellence in Teaching Award**, University of Iowa Anesthesia Residents, 2006.
- Residents **Excellence in Teaching Award**, University of Iowa Anesthesia Residents, 2007.
- Vesalius Trust **Certificate of Merit by the Frank Netter Foundation** (Art Director and author of *Primer for Regional Anesthesia Anatomy* for medical illustration; Mary K. Bryson, MAMS, CMI and Andre P. Boezaart, MD, PhD, 2005.

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- Voted to **American's Top Physicians**; Consumer Research Council of America, 2004-2005.
- **Best Doctors in America**® 2005-2006 database, Best Doctors, Inc., Aiken, South Carolina, 2005.
- **Best Doctors in America**® 2006-2007 database, Best Doctors, Inc., Aiken, South Carolina, 2006.
- **21st Harold Griffith Memorial Lecture**, Royal Victoria Hospital, McGill Department of Anesthesia, Montreal, Quebec, Canada, April 5, 2006.
- **Best Doctors in America**® 2007-2008 database, Best Doctors, Inc., Aiken, South Carolina, 2007.
- **Best Doctors in America**® 2008-2009 database, Best Doctors, Inc., Aiken, South Carolina, 2008
- **Best Doctors in America**® 2009-2010 database, Best Doctors, Inc., Aiken, South Carolina, 2009.
- **Best Doctors in America**® 2010-2011 database, Best Doctors, Inc., Aiken, South Carolina.
- **Best Doctors in America**® 2011-2012 database, Best Doctors, Inc., Aiken, South Carolina.
- **Best Doctors in America**® 2012-2013 database, Best Doctors, Inc., Aiken, South Carolina.
- **Best Doctors in America**® 2013-2014 database, Best Doctors, Inc., Aiken, South Carolina.
- **Best Doctors in America**® 2015-2016 database, Best Doctors, Inc., Aiken, South Carolina.
- **Best Doctors in America**® 2017-2018 database, Best Doctors, Inc., Aiken, South Carolina.
- **Best Doctors in America**® 2018-2019 database, Best Doctors, Inc., Aiken, South Carolina.
- **Best Doctors in America**® 2019-2020 database, Best Doctors, Inc., Aiken, South Carolina
- The **Uniformed Services University of Health Sciences**, Walter Reed Army Hospital Award for 5 Years of Dedication and Support of the CRAW, 2006.
- The **Uniformed Services University of Health Sciences**, Walter Reed Army Hospital Award for 10 Years of Dedication and Support of the CRAW, 2010.
- **United States Patent** US 6,456,874 B1: Instrument for delivery of anesthetic drug ("Stimulating catheter"), September 24, 2002.
- **United States Patent** US 6,973,346 B2: Instrument and Method for delivery of an anesthetic agent, December 6, 2005.
- **United States Patent** US 7,980,456: Pace capture device for assisting with a sporting activity ("golf and other swing timer"), July 19, 2011.
- **United States Patent** US 9168351 B2: Instrument for continuous discharge of anesthetic drug, Oct 27, 2015.
- **United States Patent** US 9724070: Apparatus for facilitating ultrasound-assisted needle placement for drug delivery, 8/8/2017

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- **Canadian Intellectual Property Office Patent** CA 2403197: Instrument and Method for delivery of Anesthetic drug ("Snap Lock"), December 9, 2002.
- **United States Patent Pending** USA 2011/00544383 A1: Instrument for continuous discharge of anesthetic drug, March 3, 2011.
- **International Patent Pending** EP2134272: Medical/surgical tool for both identifying subcutaneous target tissue by means of emitting an interrogation signal and positioning a catheter at the target, September 10, 2009.
- **International Patent Pending** 12/547,708 Instrument for Continuous Discharge of Anesthetic Drug
- **USA Patent Pending** US20160184126 **(12-1-14)** Immobilization Device Utilizing: The "Gator-splint" - A Splint and Pillow Combination
- **Exemplary Teachers Award**, University of Florida College of Medicine, 2013
- **Best in Medicine Award**, United Health Council of America, 2017/18.
- **United States Patent US9724070** – 08/08/2017.
- **USA Patent: 62/783, 294:** 2108, Smart Ambulatory infusion Device (SAID)
- **USA Patent: 62/814,710:** 2019, Implantable drug delivery device to treat erectile dysfunction and other conditions that require "as needed" (prn) injections.
- **Haven M. Perkins Lifetime Teaching Award**, Department of Anesthesiology, University of Florida College of Medicine, 2019.
- **Chair's Research Award** Department of Anesthesiology, University of Florida College of Medicine, 2019
- **Colonel Chester "Trip" Buckenmaier Trailblazer Award:** USA Military, 2019
- **University of Florida André P Boezaart Golden Gator Award:** Department of Anesthesiology, University of Florida College of Medicine, 2019
- **Work cited 2,428 times as of May 11, 2021**
- **Fifth most cited paper in Arthroplasty Today from 2018 – 2020:** Gogineni HC, Gray CF, Prieto HA, Deen JT, Boezaart AP, Parvataneni HK. Transition to outpatient total hip and knee arthroplasty: experience at an academic tertiary care center. Arthroplast Today. 2018 Nov 28;5(1):100-105. doi: 10.1016/j.artd.2018.10.008. PMID: 31020032; PMCID: PMC6470322.
- **Number one most read paper in International Journal of Shoulder Surgery 2007 till 2020.** Boezaart AP. Tighe PT. Pitfalls in Regional Anesthesia for Shoulder Surgery. Int J Shoulder Surg 2007, 1: 30-37

SOCIETY MEMBERSHIPS

- American Society of Anesthesiologists, 2002-Present
- American Society of Regional Anesthesia and Pain Medicine, 1999-Present
- International Anesthesia Research Society, 2003-Present
- American Medical Association 2001 - Present
- Iowa Medical Society, 2001-2007
- Iowa Society of Anesthesiologists, 2001-2007

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- Florida Medical Society 2007-Present
- South African Medical Society, 1968-2001
- South African Society of Anesthesiologists, 1988-2001, 2019 - present
- Member of College of Anaesthetists of South Africa, Diplomat 10/25/85 - Present
- Member of College of Anaesthetists of South Africa, Fellow, 4/29/88 – Life-long member
- American Academy of Pain Medicine, 2009 – Present
- American Interventional Headache Society - Present
- North American Neuromodulation Society - Present
- Professional Hunter's Association of South Africa (PHASA) (2010 – Present
- Florida Society of Anesthesiologists, 2007 – Present
- South African Society of Anesthesiologists - Present

EDITORIAL BOARDS

Current Editorial Board Appointments

1. *Anesthesiology*, Reviewer, 2001 – present
2. *Anesthesia & Analgesia*, Manuscript Reviewer, 2001 – present
3. *Faculty of 1000 Medicine, Anesthesiology and Pain Management*, 2009 – present
4. *International Journal of Shoulder Surgery*, Editorial Board Member, 2008 – present
5. *Pain Medicine*, Co-**Section Editor**, Acute Pain Section, 2009 – Jan 2014
6. *Pain Medicine*, **Editorial Board**, Acute Pain Section, 2009 – 2020
7. *Pain Medicine*, Manuscript Reviewer, 2007 – Present
8. *Regional Anesthesia and Pain Medicine*, Manuscript Reviewer, 2000 – present
9. *Regional Anesthesia and Pain Medicine*, **Associate Editor**, 2003-present
10. *Journal of Clinical Anesthesia*, Guest Reviewer 1999 – Present
11. *Clinical Orthopaedics and Related Research*, Guest Reviewer, 2001-Present
12. *Journal of Clinical Anatomy*, Reviewer, 2010 – Present
13. *Orthopaedic Knowledge Online*, Reviewer, 2009 – Present
14. *Journal of Audiovisual Medicine (JavMed)*, **Section Editor**, Acute Pain Medicine 2014 – 2020
15. *European Radiology*, Reviewer 2014 – present
16. *RAEducation.com* **Editor-in-Chief** 2015 - 2020
17. *Case Reports in Orthopaedics* Reviewer 2016 - present
18. *Techniques in Orthopaedics 2017*. **Guest Editor** Acute Pain Section
19. *Journal of Pain Research* 2020 - present

VISITING PROFESSORSHIPS (2000 – Present)

- Department of Anaesthesia and Perioperative Medicine, Royal Brisbane Hospital, Brisbane, Queensland, Australia, February 1-8, 2002.

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- Department of Anesthesia, University of Ulm, Germany. Universitaetsklinik fuer Anaesthesiologie, Universitaet Ulm, Steinhoevelstr. 9, 89075 Ulm, Germany, February 22-23, 2002.
- Department of Anesthesiology, Charite Hospital, Berlin, Germany. Department of Anesthesiology, Charite Campus Mitte, 10098 Berlin, Germany, February 24-25, 2002.
- Department of Anesthesia, Medical University of Marburg, Germany. Wulf, Medical University of Marburg, Baldingerstasse 1, 35033 Marburg, Germany, February 25-28, 2002.
- Department of Anesthesia, University of Stellenbosch, Cape Town, South Africa, August 28 – 30, 2002.
- Department of Anesthesiology, University of Texas, USA. Orthopedic Anesthesia and Acute Pain, Department of Anesthesiology, University of Texas, Houston, Texas, Ma 6-8, 2002.
- Department of Anesthesia, New York Hospital for Special Surgery, New York, New York, July 24-26, 2002.
- Duke Medical Center/Ambulatory Surgery Center. Durham, North Carolina, November 13, 2003.
- University of Virginia, Charlottesville, Virginia, August 2004.
- State University of Pennsylvania, Hershey, Pennsylvania, October, 2004.
- Resident Seminar, Royal Victoria Hospital, McGill Department of Anesthesia, Montreal, Quebec, Canada, April 5, 2006.
- Royal Victoria Hospital, McGill Department of Anesthesia and Surgery, Montreal, Quebec, Canada, April 6, 2006.
- Brigham & Women's Hospital, Grand Rounds Block for Anesthesia, Department of Anesthesiology, Perioperative and Pain Medicine, Boston, MA, June 14, 2006.
- University of Western Ontario, London Health Sciences Centre, University Hospital, London, Ontario, Canada, December 1, 2008
- University of Stellenbosch, Department of Anesthesiology and Critical Care, Tygerberg, South Africa, August 14-31, 2009.
- University of Stellenbosch, Department of Anesthesiology and Critical Care, Tygerberg, South Africa, February 14-28, 2010.
- University of Stellenbosch, Department of Anesthesiology and Critical Care, Tygerberg, South Africa, March 1 - 31, 2010.
- Ochsner Medical Center, Anesthesiology Department at Ochsner Clinic Foundation, New Orleans, Louisiana, October 4 – 5, 2011.
- Hospital for Special Surgery, Department of Anesthesiology, New York City, New York, September 26 & 27, 2012.

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- University of Stellenbosch, Department of Anesthesiology and Critical Care, Tygerberg, South Africa, April 4 – 29, 2013.
- University of Stellenbosch, Department of Anesthesiology and Critical Care, Tygerberg, South Africa, November 4 – 29, 2015.
- Universidad CEU San Pablo, Facultad de Medicina Campus de Monteprincipe. Boadilla del Monte. 28668 Madrid. Tomás Chivato Pérez (Decano) and Professor Miguel A Reina. September 1 – 10, 2017

DIDACTIC INSTRUCTION (classroom, seminar, teaching laboratory) (1990 – Present)

- University of Stellenbosch, Tygerberg Hospital, Department of Anesthesiology, Tygerberg, Western Cape, South Africa (1992-1998).
- Didactic anesthesiology instruction to anesthesiology residents: on general, orthopaedic and regional anesthesia; specifically, but not exclusively subjects like acute pain, induced hypotension and the optimization of the surgical field, macro and microanatomy, cerebral blood flow under hypotensive conditions, hypoxia and avoiding pitfalls and devastating complications during regional anesthesia. In addition, provides clinical instruction to residents and other types of learners in the department. Year-round clinical instruction at:
 - University of Iowa, Iowa City, Iowa (6/1/2001-6/30/2007)
 - University of Florida, Gainesville, Florida (7/1/2007 – 2019)

EXTERNAL EXAMINATOR

The Department of Anaesthesia and Intensive Care, University of Adelaide, Australia, for thesis for the degree of Doctor of Philosophy (PhD) of Prof. John Myburgh, currently Director of Critical Care at Sydney Academic Hospital. Thesis: “*Systemic and cardiovascular effects of catecholamines under inhalational and intravenous anaesthesia.*” 2002

COMMITTEE APPOINTMENTS (2007 – Present)

Committee Appointments

- University of Florida College of Medicine, Department of Anesthesiology, Scholarship Oversight/Resident Research Committee, 2009 – 2019
- University of Florida College of Medicine and UFHealth, Multi-departmental, Patient and Family Centered Care (PFCC) initiative task force, 2015 – 2019.
- University of Florida College of Medicine and UFHealth, Multi-departmental, Postoperative Urinary Retention (POUR) task force, 2015 – 2019

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- Florida Society of Anesthesiologists, Acute Pain Medicine Committee
- FDA Nerve Block Advisory Committee, 2017
- University of Florida, College of Medicine, Department of Pharmacy, Committee for Opioid Use, 2018 – 2019
- University of Florida, College of Medicine, Committee on Opioid Shortages, 2018 – 2019
- University of Florida, College of Medicine, Department of Anesthesiology, Research Committee, 2018-2019
- University of Iowa, College of Medicine, Department of Anesthesia, Internal Peer Review Committee (IPRC), 2002
- University of Iowa, Faculty Senate 2006-7
- International Ph.D. Thesis Evaluation as External Examiner, 2002

SPECIAL ACHIEVEMENTS

- Performed the first continuous nerve blocks under austere military conditions in 1975.
- First to use continuous peripheral nerve blocks for transport of wounded soldiers
- Experience with regional and general anesthesia in a severely austere war conflict environment.
- Established worldwide acclaim for the use of a new method of continuous nerve and plexus blocks by introducing the concept of nerve stimulation through both the needle for placing continuous nerve block catheters and the catheter. The so-called “stimulating catheter” concept.
- Developed and introduced the new catheter technique for continuous nerve block to the USA. Accomplished international recognition for introducing this technique. StimuCath TM, Arrow International.
- Established Regional Anesthesia Study Center of Iowa (RASCI) and served as course director. The main focus of RASCI was monthly on- and off-campus animal- and cadaver-based hands-on workshops for teaching regional anesthesia. These workshops take place over weekends and are attended by anesthesiologists from the USA, Canada, Europe, Australia, South Africa and the rest of the world.
- Established Regional Anesthesia “culture” at the University of Iowa.
- Established Regional Anesthesia Fellowship Program at the University of Iowa.
- Established Orthopaedic Anesthesia as recognized division of Anesthesia at the University of Iowa.
- Established concept of Acute Pain and Peri-operative Pain Medicine (APPM) at the University of Florida.
- Introduced APPM Fellowship Program at the University of Florida
- Inventor of “Golf and other Swing Timing Device”.
- “Most Read” Paper in Surgical Journal for 6 straight years. Now, for last year, second most read: **Boezaart AP**: Pitfalls in regional anesthesia for shoulder surgery. Int J Shoulder Surg 1:30-38, 2007.

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- “Most Read” Paper in Surgical Journal for one year: Ihnatsenka B, **Boezaart AP**: Applied sonoanatomy of the posterior triangle of the neck. Int J Shoulder Surg 2010; 4: 63-74.
- Invention of non-stimulating Ultrasound-guided continuous nerve block catheter; FlexBlock TM, TeleFlex: 2014
- Awarded 8 USA and International Patents and Pending Patents.
- Awarded USA citizenship 2010.
- Founder PMRCC (Professional Medical Record Closed Corporation) 1992. Developer of ARMS (Advanced Record Management Systems 1992 - a computer-based electronic anesthesiology, intensive care and pain medicine record system.
- Co-launched the Acute Pain Medicine Special Interest Group (APMSIG) initiative with Professor Chester Buckenmaier through the American Academy of Pain Medicine (AAPM). June 11, 2014 Chicago IL.
- Founder/Editor-in-Chief RAEducation.com LLC. 2013 – Present
- Inventor of stimulating and ultrasound combined peripheral nerve block catheter, UltraCath TM Arrow/TeleFlex: 2017.
- Co-founder member of Patient and Family Centered Care Initiative (PFCC) at University of Florida. 2016.
- Co-founder member of Cancer and Palliative Pain Collaboration Initiative (CPPC) at University of Florida. 2016.
- Established research cooperation with CEU San Pablo University School of Medicine; Staff, Department of Anesthesiology, Madrid-Montepíncipe University Hospital, Madrid, 28660, Spain Professor Miguel Reina. 2017.
- Established research cooperation with Department of Anesthesiology University of Maryland School of Medicine, Baltimore MD: Professor Paul Bigeleisen. 2016.
- Established formal relationships with 52 International experts in Acute Pain Medicine to serve on Editorial Board of RAEducation.com from Australia, Hong Kong, Singapore, France, Belgium, Switzerland, Canada, USA, Spain, Abu Dhabi, Egypt, Great Briton, South Africa and New Zealand. 2107.
- Office of Technology and Licensing (OTL) Disclosure: Patrick J. Tighe; Nikolaus Gravenstein; **Andre Pierre Boezaart**; Sean Frith. NIRS Tomography for Detection of Compartment Syndrome.
- **Research Work cited 2,428 times in peer-reviewed journals as of May 11, 2021**

QUALITY IMPROVEMENT PROJECT INITIATIVES

- Initiated, constructed and negotiated uniform acceptance of protocols for Acute Pain Service to take over and manage entire pain prescription for the following: 2012.
 - Framework for Pain Management of General Surgery Patients (Co-authors Tighe P, Lucas S)

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- Framework for management of hypotension and other complications during Epidural Analgesia (Co-authors Tighe P, Lucas S)
- Framework for the management of patients with Chest Trauma (Co-authors, Tighe P, Lucas S)
- Framework for patients receiving antithrombotic or thrombolytic therapy and Regional Anesthesia (Co-author Linda Le-Wendling MD)
- Framework for nerve blocks at Florida Surgical Center (Co-author Tighe P)
- Framework for pain management of Orthopaedic Surgery Patients (Co-authors Tighe, P, Lucas S)
- Framework for pain management of patients undergoing vascular surgery (1st author Tighe P)
- Daily audit of complications associated with Continuous and single-injection nerve blocks at Shands Hospitals (With John Sallustio).
- Formalization of Block room record system and complication documentation. 2016.
- Initiated Outpatient Total Joint Replacement Pilot Project. 2017.
- Initiated Continuous nerve blocks at home (Ambulatory CPNB) program. 2017.
- Initiated Opioid-sparing Ambulatory and In-hospital postoperative pain Project. 2017.
- Initiated Operating Room Efficiency (ORE) Program at UF. 2017.
- Finalized Comprehensive Combined Protocol for Total Joint Replacement Surgery. 2017.
- Developed Lung Transplant acute pain management protocol, 2017.
- Developed Resident curriculum for the study of Anatomy for Regional Anesthesia.
- Developed video teaching models for Acute Pain and Home Health Care Nurses (3 videos).
- Developed patient education videos for total hip, knee and shoulder arthroplasty. (3 videos))
- Developed 24 teaching educational videos and text documents for the teaching of High-yield nerve blocks.
- At last (after 7 years!) convinced institution to purchase electrical cords for Continuous nerve block infusion to replace batteries that continuously ran out, causing the patients to suffer unnecessary excruciating pain, at a cost of well over \$20,000 per year for the batteries.
- **André P. Boezaart**, Suvikram C. Puri. Setting up of an Acute Pain Service. Accepted by The Joint Commission into their Leading Practices Library November 2016.
- Developed Combined Protocol for pain management of all total joint arthroplasty (TJA) (TSA, TEA, THA & TKA).
- Developed ERAS program for colorectal surgery
- Developed final Pain management program for bilateral lung transplant surgery
- Developed final fast track for lung resection surgery
- Co-founder of PFCC and CPPC programs

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- Developed of final opioid-sparing protocol for total joint replacement surgery
- Developed final ambulatory continuous nerve block program for Total Joint Arthroplasty surgery.
- Developed final program for outpatient Total Joint Replacement Surgery.
- Jason Howard. André Boezaart. Video: The Curlin Pump for Continuous Peripheral Nerve Blocks
(https://player.vimeo.com/external/277919768.hd.mp4?s=62d6ac5890f409126c3a60100c59b51f7e90ae18&profile_id=175), 2018
- Don Bohannon, André Boezaart. Video: How to set up a tray for performing Continuous Peripheral Nerve Blocks.
(https://player.vimeo.com/external/269001625.hd.mp4?s=ff13071ceca390af8de335af989a76e28b0cec47&profile_id=175), 2018
- Michael Kent, André Boezaart, Don Bohannon, Paul Crispen, Atif Igbal, Sandra Tan, Steven Hughes. Video: Enhanced Recovery After Surgery (ERAS) for Colorectal, Urology, Hepatobiliary and Gynecologic Surgery.
(https://player.vimeo.com/external/270863707.hd.mp4?s=e98232abdf5649516064d4bf7b07bb2dff83115b&profile_id=175), 2018
- Michael Kent, André Boezaart, Hari Parvataneni. Video: Comprehensive Combined Total Joint Replacement Protocol: Total Shoulder, Total Elbow, Total Hip and Total Knee Arthroplasty.
(https://player.vimeo.com/external/268607180.hd.mp4?s=44776d66d5fe543f5dea104769b16e3a9b1ba663&profile_id=175), 2018
- Kiki Nin. André Boezaart. Outpatient Total Knee Replacement at FCS: A Patient Educational video.
(https://player.vimeo.com/external/277665684.hd.mp4?s=af9609dbaa8fadb75889052162328632ce160f1f&profile_id=175), 2018
- Kiki Nin, André Boezaart. Managing Continuous nerve blocks at Home: A Patient Educational Video.
(https://player.vimeo.com/external/280031815.hd.mp4?s=1734bee55c141b8ccf0aeb8aad8ab055f3d75fb6&profile_id=175), 2018

AREAS OF SPECIAL INTEREST

- Long-term continuous nerve block for end-of-life pain control.
- Long-term continuous nerve block for chronic pain management
- Palliative care with intrathecal adrenal medulla sell transplant
- Acute and Peri-operative pain management
- Hip fracture in the elderly
- Acute compartment syndrome and regional anesthesia
- Development of apparatus to simplify nerve block.
- Internet teaching of Acute Pain Medicine
- Ultrasound-guided peri-retrobulbar eye block
- Microanatomy of the peripheral nervous system
- Pain management in severe chest trauma
- Progression of acute to chronic pain – Genetic factors
- Sympathetic nerve block for the treatment of visceral pain
- Bone as generator of “visceral” (sympathetic) pain.
- Continuous Stellate Ganglion Block for the treatment of persistent ventricular tachycardia
- Stellate Ganglion Block for treatment of bone pain (visceral pain)
- The natural rhythm of man
- Genetics basis of the development of chronic pain from acute pain
- Devastating complications of nerve blocks and how to prevent them
- Management of pain following bilateral total knee arthroplasty
- Simulation for training of Regional Anesthesia techniques.
- Development of SMART (tele-medicine) infusion pump for ambulatory continuous peripheral nerve block.
- Establishing Acute Pain Medicine (APM) as recognized subspecialty of anesthesiology.
- Advanced teaching in APM through movies and video productions placed on professional websites and making use of social media.
- Development of special cushion devices for splinting and elevation of injured or operated limbs and body parts.
- Addition of epinephrine to epidural solution to combat hypotension.
- Difference between cervical paravertebral block and interscalene block.
- Muscle pH as early marker of compartment syndrome.
- Nerve microanatomy and development of a marker to identify and define perineural compartments and membranes.

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- Can nerve architecture be extrapolated from one mammalian species to another?
- Intraneural injection and neural micro-anatomy and ultra-anatomy.
- Migraine and other primary vascular headaches
- End-of-life palliative pain treatment
- Neuromodulation for acute pain
- Neuromodulation for chronic pain, migraine, trigeminal neuralgia, peripheral neuropathy, dry eyes, optic neuropathy, other chronic pain conditions.
- Nerve stimulation for acute pain management.
- Transcutaneous vagus nerve neuromodulation for primary headache, rheumatoid arthritis, irritable bowel syndrome, epilepsy, Parkinson's disease, and other conditions.
- Piezo-electricity development by collagen fibers in bone and nerves and its role in bone and nerve regeneration (healing).
- Palliative Care Pain Management.
- Electronic Medical Records (especially Anesthesiology, Pain Medicine, Critical Care) for small groups and developing countries.

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Manuscripts under review:

Carles García-Vitoria, M.D., Mireia García-Roselló, D.V.M., Ph.D., José I. Redondo-García, D.V.M., Ph.D., M.Sc., Álvaro Gutiérrez-Bautista, D.V.M., Ph.D., José De-Andrés, M.D., Ph.D., **André P. Boezaart, M.D., Ph.D.**, Ana Vicente-Montaña D.V.M., Ph.D., Miguel A. Reina, M.D., Ph.D. *A Dural Puncture by an 18-G Tuohy Needle Closes Logarithmically, Not Linearly, Over Time: An Electron Microscopic Sheep In Vivo Study.* Under review – **Eur J Pain**

Martín Avellanal, M.D., Ph.D., Antonio Ferreiro, M.D., Ph.D., Irene Riquelme, M.D., **André P. Boezaart**, M.D., Ph.D., Alberto Prats-Galino, M.D., Ph.D., Miguel A. Reina, M.D., Ph.D. *Prone position MRI of the lumbar spine in patients with low back pain and/or radicular pain refractory to treatment and unspecific findings in supine MRI.* **Pain Medicine**

Non-refereed Publications

1. **Boezaart AP.** Intra-operative monitoring [and how to respond]. CME Journal 1998; 16:1019-1030.
2. **Boezaart AP, du Toit JC.** Latest regional anaesthetic techniques for the management of acute pain. CME Journal, S Afr Med J 2000.
3. **Boezaart AP.** Nerve stimulator assisted catheter placement for continuous plexus and nerve blocks. Hospital Supplies February 2000; 4-11.
4. **Boezaart AP, Joyce J:** The use of continuous nerve blocks or postoperative pain management following surgery and elbow surgery. South Africa J Reg Anesth 2004.
5. **Boezaart AP.** The stimulating catheter: Is it useful? ASRA; (a publication of the American Society of Regional Anesthesia and Pain Medicine) February 2005; 8-10.
6. **Boezaart AP.** How I do it: Cervical paravertebral block. ASRA; (a publication of the American Society of Regional Anesthesia and Pain Medicine) November 2005; 10-11.
7. **Boezaart AP.** Continuous perineural technique superior to opioids for postoperative analgesia. Anesthesiology News 2006; 32:28. [Commentary]

Competitive Abstracts

1. **Boezaart AP.** Accurate placement of catheter for continuous interscalene nerve block. World Conference of Anesthesiologists 1996, Sydney Australia. (This led to the development of the “Stimulating Catheter – See Patents).
2. **Boezaart AP.** A non-invasive approach to monitoring of ventilation during intra-ocular surgery under regional anaesthesia. SA Society of Anaesthesiologists National meeting, 1994 (This invention was copied by Salter Labs and developed into the widely used “Divided Cannula”).
3. **Boezaart AP, Berry A, Nell M, Van Dyk A.** Remifentanyl vs. propofol for sedation for peribulbar block for cataract surgery. Poster Discussion. 26th American Society of Regional Anesthesia and Pain Medicine Annual Meeting. Vancouver, BC, Canada, 2001.

4. **Boezaart AP**, Berry A, Nell M. Topical anesthesia versus retrobulbar block for cataract surgery: The patients' perspective. Poster Discussion. 26th American Society of Regional Anesthesia and Pain Medicine Annual Meeting. Vancouver, BC, Canada, 2001.
5. **Boezaart AP**. The effect of cerebrospinal fluid withdrawal and epidural blood patch on cerebral blood flow in experimental animals. Poster Discussion. 26th American Society of Regional Anesthesia and Pain Medicine Annual Meeting. Vancouver, BC, Canada, 2001.
6. **Boezaart AP**, Eksteen J, van der Spuy G, Rossouw P, Knipe-van Rensburg M. Intrathecal morphine: double-blind evaluation of optimal dosage for analgesia after major lumbar spinal surgery. Poster Discussion. 26th American Society of Regional Anesthesia and Pain Medicine Annual Meeting. Vancouver, BC, Canada, 2001.
7. **Boezaart AP**, de Beer J. Continuous low cervical paravertebral block for shoulder surgery. Poster Discussion. 26th American Society of Regional Anesthesia and Pain Medicine Annual Meeting. Vancouver, BC, Canada, 2001.
8. **Boezaart AP**, de Beer J. The ambulatory management of acute pain following major shoulder surgery by continuous plexus blocks. Poster Discussion. 26th American Society of Regional Anesthesia and Pain Medicine Annual Meeting. Vancouver, BC, Canada, 2001.
9. **Boezaart AP**. Continuous low cervical paravertebral block for shoulder surgery. 2nd All Africa Anaesthesia Congress. Durban, South Africa, September 2001.
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24. Wehling M, Koorn R, Leddell C, **Boezaart AP**: Electrical nerve stimulation using a stimulating catheter: what is a safe lower limit? American Society of Regional Anesthesia Spring Meeting, Orlando, Florida, March 11-14, 2004.
25. Haider N, Miller C, **Boezaart AP**: Complications related to placement of a paravertebral catheter under general anesthesia. American Society of Regional Anesthesia Spring Meeting, Orlando, Florida, March 11-14, 2004.

26. Crabtree E, Beck M, Lopp B, Mozovitch M, Edwards J, **Boezaart AP**: A method to estimate the depth of the sciatic nerve during subgluteal block, using thigh diameter as a marker. American Society of Regional Anesthesia spring meeting. Orlando, Florida, March 2005.
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31. **Boezaart AP**, Klodell CT, Wallace MR, Frye RF, Hastie BA. Are baseline pain sensitivity and genetic factors associated with acute and chronic post thoracotomy pain? American Society of Anesthesiologists annual meeting Chicago IL, Oct 2013.
32. **Boezaart AP**, Gray C, Deen JT, Le-Wendling L, Zasimovich Y, Parvataneni HK. Use of continuous femoral nerve blocks in the development of an outpatient total joint arthroplasty program, AAPM, March 6-9, 2018, Denver, Colorado [Accepted]
33. **Boezaart AP**, Gray C, Deen JT, Smith CR, Kantamneni S, Parvataneni HK. Patient-centered, multi-disciplinary collaboration with orthopaedic surgeons can dramatically improve joint replacement quality metrics and value-based care, AAPM, March 6-9, 2018, Denver, Colorado [Accepted]
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35. **Boezaart AP**, Beck B, Smith CR. The Use of Pterygopalatine Ganglion Block for Positional Headache and Nausea Secondary to CSF Leak, AAPM, March 6-9, 2018, Denver, Colorado [Accepted]

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37. **Boezaart AP**, Server A, Sala-Blanch X, Cobb D, Reina M. Microanatomical Nerve Architecture of 6 Mammalian Species: Is Trans-Species Translational Anatomic Extrapolation Valid? AAPM, March 6-9, 2018, Denver, Colorado [Accepted]
38. **Boezaart AP**, Nin OC, Helander EM, Sala-Blanch X, Reina MA. Deliberate Intraneural Injections: Extrafascicular and Intraperineurium, but no Endoneural Spread, AAPM, March 6-9, 2018, Denver, Colorado [Accepted]
39. **Boezaart AP**, Prats-Galino A, Nin OC, Server A, Reina MA. The Posterior Lumbar Epidural Spaces and its Content in Vivo, AAPM, March 6-9, 2018, Denver, Colorado [Accepted]
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41. Olga C. Nin, Richa Wardhan, **André P. Boezaart**, Xavier Sala-Blanch, Miguel A. Reina. Deliberate Intraneural Injections: Where does it spread and how? Code 7408. Poster 44th Annual Regional Anesthesiology and Acute Pain Medicine Meeting, Caesar 's Palace, Las Vegas, Nevada (ASRA) April 11-13, 2019
42. Brandon Beck, Linda Le-Wendling, Anna Server, Xavier Sala-Blanch, **Steve** Vose, Danielle Cobb, Miguel A. Reina, **Andre P. Boezaart**. Trans-species Translational Anatomic Extrapolation of Neurological Injury between Mammalian Species is probably not valid. Code 7413. Poster. 44th Annual Regional Anesthesiology and Acute Pain Medicine Meeting, Caesar 's Palace, Las Vegas, Nevada (ASRA) April 11-13, 2019
43. **André P. Boezaart**, Alberto Prats-Galino, Yury Zasimovich, Olga C Nin, Anna Server, Miguel A. Reina. Discovery of an Antero-Laminar Fibrous Body that may possibly Anchor Dura to the Lamina. Code 7417. Poster 44th Annual Regional Anesthesiology and Acute Pain Medicine Meeting, Caesar 's Palace, Las Vegas, Nevada (ASRA) April 11-13, 2019
44. Brendan Inouye, Linda Le-Wendling, Anna Server, Danielle Cobb, Miguel A Reina, **Andre Boezaart**. Another Epineurium: Inside and Beyond the Boundaries of the Nerve. Code 7422. Poster 44th Annual Regional Anesthesiology and Acute Pain Medicine Meeting, Caesar 's Palace, Las Vegas, Nevada (ASRA) April 11-13, 2019
45. **5-André P. Boezaart**, Olga C. Nin, Erik M. Helander, Xavier Sala-Blanch, Miguel A. Reina. Deliberate Intraneural Injections: Extrafascicular and Intraperineurium, but no Endoneural Spread. Code 595. Poster American Academy of Pain Medicine (AAPM) 35th Annual Meeting, Denver, CO. March 6-10, 2019

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46. 6-**André P. Boezaart**, Alberto Prats-Galino, Olga C Nin, Anna Server, Miguel A. Reina. The Posterior Lumbar Epidural Space: Three-Dimensional MRI Reconstruction of Real and Potential Epidural Spaces and its Content in Vivo. Code 597. Poster American Academy of Pain Medicine (AAPM) 35th Annual Meeting, Denver, CO. March 6-10, 2019
47. 7-**André P. Boezaart**, Anna Server, Yury Zasimovich, Brendon Beck, Xavier Sala-Blanch, Miguel A. Reina. A Novel Marker of Studying Peripheral Nerves. Code 591. Poster American Academy of Pain Medicine (AAPM) 35th Annual Meeting, Denver, CO. March 6-10, 2019
48. 8-**Andre P. Boezaart**, Anna Server, Xavier Sala-Branch, Danielle Cobb, Linda Le-Wendling, Miguel A Reina. Microanatomical Nerve Architecture of 6 Mammalian Species: Is Trans-species Translational Anatomic Extrapolation Valid? Code 589. Poster American Academy of Pain Medicine (AAPM) 35th Annual Meeting, Denver, CO. March 6-10, 2019

Www-Based Publications

1. **Boezaart, AP.** The management of acute pain with continuous nerve and plexus blocks. Tau Productions. Cape Town, South Africa, July 2001.
2. Enneking FK, Horlocker TT, Chan VWS, Singelyn FJS, Hadzic A, Greger J, Lang SA, **Boezaart AP.** Mastering the lumbosacral plexus and lower extremity peripheral blockade: A comprehensive approach to anatomy and clinical applications. American Society of Regional Anesthesia and Pain Medicine. April 2002
3. **Boezaart AP**, Bryson M, Fear K, Borene SC: Primer of Regional Anesthesia Anatomy (a DVD). University of Iowa Video Center, Iowa City, IA, 2004
4. **Boezaart AP.** Orthopaedic Anesthesia: All the blocks & Anesthetic Anatomy. University of Iowa Video Center, Iowa City, IA, 2004
5. **Boezaart, AP.** (2013, January) *The Pig as Living Simulator: The Perfect Teaching Tool for Regional Anesthesia*. The Journal of AudioVisual Medicine. Retrieved from: <http://javmed.com/Publications/Publication/Index/563db1327dc244d0a30f9ccd90c72eaa>
6. **Boezaart AP. Acute compartment syndrome: The quagmire between the devil and a hard place – some new promises. Editorial for Trauma Anesthesia Society:** https://tas.ucsf.edu/doc/2015-03_Boezaart.pdf

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7. **Boezaart AP.** The anesthetic and acute pain management of total joint replacement surgery: Wrists, Elbows, Shoulders, Hips, Knees & Ankles. UpToDate.com 2016, IN PRESS

Educational Videos

1. **André Boezaart**, Optimizing the quality of the surgical field: Basic physiology of CBF, Aug. 21, 2017. For RAEducation.com and UF Anesthesiology
2. **André Boezaart**, Optimizing the quality of the surgical field: The origin of the “Boezaart Scale”, Aug. 22, 2017. For RAEducation.com and UF Anesthesiology
3. **André Boezaart** and Mike Kent (Duke), Why Continuous peripheral nerve blocks fail, Aug. 8, 2017. For RAEducation.com and UF Anesthesiology
4. **André Boezaart** and Mike Kent (Duke), Persistent Post-Surgical Opioid Use, Aug. 5, 2017. For RAEducation.com and UF Anesthesiology
5. Mike Kent (Duke), **André Boezaart** and Linda Le-Wendling, How to set up an Acute Pain Service, Part 1, Aug. 3, 2017. For RAEducation.com and UF Anesthesiology
6. Mike Kent (Duke), **André Boezaart** and Linda Le-Wendling, How to set up an Acute Pain Service, Part 2, Aug. 4, 2017. For RAEducation.com and UF Anesthesiology
7. Bigeleisen PE, **Boezaart AP.** Sagittal Anatomy of the Brachial Plexus, 2018. For RAEducation.com
8. Antony A, **Boezaart AP.** Spinal cord Stimulation, 2018. For RAEducation.com and UF Anesthesiology. For RAEducation.com and UF Anesthesiology
9. Wardhan R, **Boezaart AP.** Multimodal Pain Management and the Opioid Crisis, 2018. For RAEducation.com and UF Anesthesiology
10. **André Boezaart**, Cameron Smith and Mike Kaminsky. Cam’s Roadway to success: The adductor canal and saphenous nerve block, 2018. For RAEducation.com and UF Anesthesiology
11. **André Boezaart**, Cameron Smith and Don Bohannon. Cam’s Roadway to success: The midline thoracic epidural block, 2018. For RAEducation.com and UF Anesthesiology
12. Cam Smith and **André Boezaart.** Cam’s Roadway to success: The paramedian thoracic epidural block, 2018. For RAEducation.com and UF Anesthesiology

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13. Cam Smith and **André Boezaart**, Cam's Roadmap to success: Commentary on 1 above, 2018. For RAEducation.com and UF Anesthesiology
14. Don Bohannon and **André Boezaart**, How to set up a tray for continuous nerve blocks, 2018. For RAEducation.com and UF Anesthesiology
15. Angela Cofin RN and **André Boezaart**, How to set up a Curling pump for continuous nerve block, 2018. For RAEducation.com and UF Anesthesiology
16. John Sallustio RN and **André Boezaart**, How to set up an Autofusor ambulatory pump, 2018. For RAEducation.com and UF Anesthesiology
17. Adrian Hanson and **André Boezaart**, How to set up an Ambit pump for ambulatory continuous nerve block, 2018. For RAEducation.com and UF Anesthesiology
18. **André Boezaart**, Mike Kent (Duke), Don Bohannon, Atif Igbal, Sandra Smith, Steve Hughes and Paul Crispin, Library of best practice series: Enhanced recovery after surgery (ERAS), 2018. For RAEducation.com and UF Anesthesiology
19. Mike Kent (Duke), **André Boezaart** & Hari Parvataneni, Library of Best Practice series: Comprehensive combined total joint replacement protocol, 2018. For RAEducation.com and UF Anesthesiology
20. **André Boezaart**, Yury Zasimovich & Don Bohannon, Library of Best Practice Series: Double lung transplant, 2018. For RAEducation.com and UF Anesthesiology
21. Ajay Antony & **André Boezaart**, United States Bone and Joint Initiative for 4th year medical students series: Dorsal root ganglion stimulation, 2018. For RAEducation.com and UF Anesthesiology
22. Richa Wardhan & **André Boezaart**, United States Bone and Joint Initiative for 4th year medical students series: The Opioid Crisis, 2018. For RAEducation.com and UF Anesthesiology
23. Richa Wardhan & **André Boezaart**, United States Bone and Joint Initiative for 4th year medical students series: Multimodal analgesia, 2018. For RAEducation.com and UF Anesthesiology
24. Richa Wardhan & **André Boezaart**, United States Bone and Joint Initiative for 4th year medical students series: Regional anesthesia as part of Multimodal Analgesia, 2018. For RAEducation.com and UF Anesthesiology

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25. Ajay Antony & **André Boezaart**, United States Bone and Joint Initiative for 4th year medical students series: Spinal cord stimulation, 2018. For RAEducation.com and UF Anesthesiology
26. Ajay Antony & **André Boezaart**, United States Bone and Joint Initiative for 4th year medical students series: HF spinal cord stimulation, 2018. For RAEducation.com and UF Anesthesiology
27. Ajay Antony & **André Boezaart**, United States Bone and Joint Initiative for 4th year medical students series: Dorsal root ganglion stimulation, 2018. For RAEducation.com and UF Anesthesiology
28. Jon Kirschner (HSS) & **André Boezaart**, United States Bone and Joint Initiative for 4th year medical students series: Low back pain, 2018. For RAEducation.com and UF Anesthesiology
29. **André Boezaart** and Cameron Smith, High-Yield Block Series: The pterygopalatine ganglion block: Basic Anatomy, 2018. For RAEducation.com and UF Anesthesiology
30. **André Boezaart** and Cameron Smith, High-Yield Block Series: The pterygopalatine ganglion block: Technique, 2018. For RAEducation.com and UF Anesthesiology
31. Bohannon DS. **Boezaart AP**. Thoracic Epidural block: Midline approach, 2018. For RAEducation.com and UF Anesthesiology
32. **Boezaart AP**. Thoracic Epidural Block Part 1: Paramedian Approach, 2018. For RAEducation.com and UF Anesthesiology
33. **Boezaart AP**. Thoracic Epidural Block Part 2: Comments for Anesthesiologists, 2018. For RAEducation.com and UF Anesthesiology
34. **Boezaart AP**. Thoracic Epidural Block Part 3: Comments for Surgeons, 2018. For RAEducation.com and UF Anesthesiology
35. Smith CR, **Boezaart AP**: The Other Opioid Crisis, 2018. For RAEducation.com and UF Anesthesiology
36. Tighe P, **Boezaart AP**. The Economy of acute Pain, Part 1: The Economic Motivators, 2018. For RAEducation.com and UF Anesthesiology
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38. Howard J, **Boezaart AP**. The Curlin Infusion Pump: How to set up for Continuous Peripheral Nerve Blocks, 2018. For RAEducation.com and UF Anesthesiology
39. Sallustio J, **Boezaart AP**, The TeleFlex AutoFusor Ambulatory Pump: How to set up, 2018. For RAEducation.com and UF Anesthesiology
40. Smith CR, **Boezaart AP**. Epidural Blood Patch: How and Why, 2018. For RAEducation.com and UF Anesthesiology
41. Kaminsky M, Smith CS, **Boezaart AP**. Adductor Canal Block, 2018. For RAEducation.com and UF Anesthesiology
42. Smith CS, Tighe P, **Boezaart AP**. The Financial Impact of Regional Anesthesia and Acute Pain Medicine on your Practice: The Tighe Calculator explained, 2018. For RAEducation.com and UF Anesthesiology
43. Nin OC, **Boezaart AP**. Managing Continuous Nerve Blocks at home, 2018. For RAEducation.com and UF Anesthesiology
44. Nin OC, **Boezaart AP**. Outpatient Total Knee Replacement: Pain management Patient Information, 2018. For RAEducation.com and UF Anesthesiology
45. Cameron Smith, **André Boezaart**. An Educational Video: Calculating the Financial Impact of Acute Pain Service on your Practice: The Tighe Calculator.
(https://player.vimeo.com/external/291420209.hd.mp4?s=24a6ac905faf497163d1daec9c200773b686b98&profile_id=175z), 2018. For RAEducation.com and UF Anesthesiology
46. Cameron Smith, **André Boezaart**. Epidural Blood path. An Educational Video.
(https://player.vimeo.com/external/291315187.hd.mp4?s=7081663119e6b1aa6bbc6d67eb761f703c7db6df&profile_id=175), 2018. For RAEducation.com and UF Anesthesiology
47. Ajay Antony, **André Boezaart**. An Educational Video. Spinal Cord Stimulation.
(https://player.vimeo.com/external/264793201.hd.mp4?s=9e96cda09c98d0eff30e77a484b5225152903a45&profile_id=174), 2018. For RAEducation.com and UF Anesthesiology

48. Ajay Antony, **André Boezaart**. An Educational Video. Dorsal Root Ganglion Stimulation.
(https://player.vimeo.com/external/264795070.hd.mp4?s=29776b8cf03abedfcda942cdeb665b1b2ea2059ff&profile_id=175), 2018. For RAEducation.com and UF Anesthesiology
49. Ajay Antony, **André Boezaart**. An Educational Video. High-frequency Stimulation and Burst Stimulation.
(https://player.vimeo.com/external/264794676.hd.mp4?s=8e10549862d8641c2fe185bd7705c6239a708c46&profile_id=174), 2018. For RAEducation.com and UF Anesthesiology
50. Risha Wardhan, **André Boezaart**. An Educational Video. The Opioid Crisis.
(https://player.vimeo.com/external/264180237.hd.mp4?s=1e38ed392a5b71841aa23c974636bd6ed419bf40&profile_id=175), 2018. For RAEducation.com and UF Anesthesiology
51. Risha Wardhan, **André Boezaart**. An Educational Video. Multimodal Analgesia.
(https://player.vimeo.com/external/265198188.hd.mp4?s=adcda9dfafcebe8bdfc209b07500a9c87d4e48fb&profile_id=175), 2018. For RAEducation.com and UF Anesthesiology
52. Cameron Smith, Mike Kaminsky, **André Boezaart**. An Educational Video. The adductor Canal Block (Saphenous Nerve Block).
(https://player.vimeo.com/external/291829178.hd.mp4?s=a1723f7db895c2070fbd867220478414227335f7&profile_id=175), 2018. For RAEducation.com and UF Anesthesiology
53. **André Boezaart**, Cameron Smith. An Educational Video. Commentary on Mike Kaminsky Adductor Canal Nerve Block Technique.
(https://player.vimeo.com/external/291832494.hd.mp4?s=b2122409f4e21477782be4228da9cd6bc867168b&profile_id=175), 2018. For RAEducation.com and UF Anesthesiology
54. Steve Vose, **André Boezaart**, Ajay Antony. An Educational Video. The Cancer and Palliative Pain Collaborative.
(https://player.vimeo.com/external/292333204.hd.mp4?s=8440d2cc0ddabda2041fc756cadb1b8506a541a3&profile_id=175), 2018. For RAEducation.com and UF Anesthesiology

55. Bohannon DS, **Boezaart AP**. Thoracic Epidural Block: Midline approach, 2018. For RAEducation.com and UF Anesthesiology
56. **Boezaart AP**. Thoracic Epidural Block Part 1: Paramedian Approach, 2018. For RAEducation.com and UF Anesthesiology
57. **Boezaart AP**. Thoracic Epidural Block Part 2: Comments for Anesthesiologists, 2018. For RAEducation.com and UF Anesthesiology
58. **Boezaart AP**. Thoracic Epidural Block Part 3: Comments for Surgeons, 2018. For RAEducation.com and UF Anesthesiology
59. Smith CR, **Boezaart AP**: The Other Opioid Crisis, 2018. For RAEducation.com and UF Anesthesiology
60. Tighe P, **Boezaart AP**. The Economy of acute Pain, Part 1: The Economic Motivators, 2018. For RAEducation.com and UF Anesthesiology
61. Hanson A, **Boezaart AP**. The Ambit Ambulatory Pump: How to set up, 2018. For RAEducation.com and UF Anesthesiology
62. Howard J, **Boezaart AP**. The Curlin Infusion Pump: How to set up for Continuous Peripheral Nerve Block, 2018. For RAEducation.com and UF Anesthesiology
63. Smith CR, **Boezaart AP**. Epidural Blood Patch: How and Why, 2018. For RAEducation.com and UF Anesthesiology
64. Kaminsky M, Smith CS, **Boezaart AP**. Adductor Canal Block, 2018. For RAEducation.com and UF Anesthesiology
65. Sallustio J, **Boezaart AP**. The Teleflex Autofusor Ambulatory Pump: How to set up, 2018. For RAEducation.com and UF Anesthesiology
66. Nin OC, **Boezaart AP**. Managing Continuous Nerve Blocks at Home For RAEducation.com and UF Anesthesiology
67. Nin OC, **Boezaart AP**. Outpatient Total Knee Replacement: Pain Management Patient Information. For RAEducation.com and UF Anesthesiology
68. Rabai Ferenc, **Boezaart AP**. Anesthesia for Major Spine Surgery Part 1. For RAEducation.com and UF Anesthesiology

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69. Rabai Ferenc, **Boezaart AP**. Anesthesia for Major Spine Surgery Part 2. For RAEducation.com and UF Anesthesiology
70. Rabai Ferenc, **Boezaart AP**. Anesthesia for Major Spine Surgery Part 3. For RAEducation.com and UF Anesthesiology
71. Cameron R. Smith, **Boezaart AP**. Cam's Roadmap to Success, Postoperative analgesia for adult tonsillectomy – an interview with Dr Neil Chheda (ENT Surgeon). For RAEducation.com and UF Anesthesiology
72. Schuyler Halverson, **Boezaart AP**. Anatomy of the hand and wrist. For USBJI and MSK-Ed series

PAPERS AND LECTURES PRESENTED (2000 – Present)

International Lectures

1. De Beer JF, **Boezaart AP**, Burkhart S. The role of arthroscopy in large rotator cuff tears – Intra-operative electrical stimulation of the suprascapular nerve. International congress of Arthroscopy and Sports Traumatology, Brussels, Belgium, May 2000.
2. **Boezaart AP**. Continuous nerve blocks – Animal workshop. Western Cape Society of Regional Anaesthesia. Cape Town, February 2000.
3. **Boezaart AP**. Epidural air bubbles, wet and dry taps – an update from the past. Western Cape Society of Regional Anaesthesia. Cape Town, February 2000
4. **Boezaart AP**. Induced hypotension and the Brain. South African Society of Anaesthesiologists and Glaxo meeting. May 2000.
5. **Boezaart AP**. The use of continuous nerve blocks for post-operative pain management following shoulder and elbow surgery. 8th International Congress for Surgery of the Shoulder. Cape Town, South Africa, 2001.
6. **Boezaart AP**. Conscious sedation for regional Anesthesia – getting it right. Refresher course lectures. 2nd All Africa Anaesthesia Congress. Durban, South Africa, September 22, 2001.
7. **Boezaart AP**. Nerve blocks for the management of acute pain. 2nd All Africa Anaesthesia Congress. Durban, South Africa, September 23, 2001.

8. **Boezaart AP.** Hypotension and the brain. 2nd All Africa Anaesthesia Congress. Durban, South Africa, September 24, 2001.
9. **Boezaart AP.** Interactive small group (20 participants) Workshop on regional anesthesia for upper limb surgery. 2nd All Africa Anaesthesia Congress. Durban, South Africa, September 24, 2001.
10. **Boezaart AP.** Interactive small group (20 participants) Workshop on regional anesthesia for lower limb surgery. 2nd All Africa Anaesthesia Congress. Durban, South Africa, September 25, 2001.
11. **Boezaart AP.** Epidural air bubbles, wet and dry taps – an update from the past. South African Society of Regional Anaesthesia. Durban, July 2000.
12. **Boezaart AP.** Continuous nerve and plexus blocks. South African Society of Regional Anaesthesia. Durban, July 2000.
13. **Boezaart AP.** Regional anesthesia: Where are we now? Keynote lecture. Regional Anaesthesia Symposium, Department of Anaesthesia and Perioperative Medicine, Royal Brisbane Hospital, Queensland, Australia, February 2, 2002. [keynote lecture]
14. **Boezaart AP.** Hands-on animal-based workshop for teaching continuous peripheral nerve blocks. (80 participants). Regional Anaesthesia Symposium, Department of Anaesthesia and Perioperative Medicine, Royal Brisbane Hospital, Queensland, Australia, February 2, 2002.
15. **Boezaart AP.** Brachial plexus catheters and infusions: Ambulatory management of acute pain. Queensland Society of Anesthesiologists. Brisbane, Queensland, Australia, February 6, 2002.
16. **Boezaart AP.** The management of acute pain with continuous nerve and plexus blocks. Queensland Society of Anesthesiologists. Brisbane, Queensland, Australia, February 6, 2002.
17. **Boezaart AP.** New developments in continuous nerve and plexus blocks. “Regional anesthesia of the upper extremity – Update 2002.” Regional Anesthesia Symposium in Ulm, Germany, February 23, 2002.
18. **Boezaart AP.** Stimulating the catheter for continuous nerve blocks. Departmental meeting, Charite Hospital, Department of Anesthesia, University of Berlin, Berlin, Germany, February 25, 2002.

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19. **Boezaart AP.** Continuous nerve and plexus blocks. Departmental meeting, Department of Anesthesia, University of Marburg, Marburg, Germany, February 26, 2002.
20. **Boezaart AP.** Optimal surgical conditions: The role of the anesthesiologist. Anesthetic Foundation Annual Refresher Course, Johannesburg, South Africa, August 17, 2002.
21. **Boezaart AP.** Postdural puncture headache. Anesthetic Foundation Annual Refresher Course, Johannesburg, South Africa, August 17, 2002.
22. **Boezaart AP.** Workshop on brachial plexus blocks. Anesthetic Foundation Annual Refresher Course, Johannesburg, South Africa, August 17, 2002.
23. **Boezaart AP.** Hypotensive anesthesia. Department of Anesthesia, University of Stellenbosch Grand Rounds, Cape Town, South Africa, August 28, 2002.
24. **Boezaart AP.** Postdural puncture headache. Department of Anesthesia, University of Stellenbosch Grand Rounds, Cape Town, South Africa, August 28, 2002.
25. **Boezaart AP.** Animal-based regional anesthesia workshop. Regional Anaesthesia and Pain Therapy Society of South Africa (RAPSA), August 24, 2002.
26. **Boezaart AP.** Accurate catheter placement for continuous peripheral nerve blocks. 7th Greece Congress of Anesthesiology, Thessaloniki, Greece, September 8, 2002.
27. **Boezaart AP.** Spinal anesthesia, the most dangerous nerve block. Regional Anesthesia and Pain Therapy Society of South Africa. Johannesburg, South Africa, November 2003.
28. **Boezaart AP.** The cervical paravertebral nerve block. Regional Anaesthesia and Pain Therapy Society of South Africa. Johannesburg, South Africa, November 2003.
29. **Boezaart AP.** Anti-coagulation and peripheral nerve blocks. Regional Anaesthesia and Pain Therapy Society of South Africa. Johannesburg, South Africa, November 2003.
30. **Boezaart AP.** The brachial plexus (Workshop). Regional Anaesthesia and Pain Therapy Society of South Africa. Johannesburg, South Africa, November 2003.
31. **Boezaart AP.** Workshop: CCF Continuous peripheral nerve blocks. Michael Stanton Hicks Pain Management & Regional Anesthesia Symposium. Cleveland Clinic, Cincinnati, Ohio
32. **Boezaart AP.** Workshop: Upper extremity blocks. VI Simposio Anesthesia Regional Y Medicina Del Dolor 2003. Santiago, Chile. October 3, 2003.

33. **Boezaart AP.** New concepts: Neurostimulation and nerve mapping. VI Simposio Anesthesia Regional Y Medicina Del Dolor 2003. Santiago, Chile. October 3, 2003
34. **Boezaart AP.** Continuous technique for brachial plexus blocks. VI Simposio Anesthesia Regional Y Medicina Del Dolor 2003. Santiago, Chile. Ottobre 3, 2003.
35. **Boezaart AP.** The lumbar region and paravertebral block. VI Simposio Anesthesia Regional Y Medicina Del Dolor 2003. Santiago, Chile. Ottobre 4, 2003.
36. **Boezaart AP.** Workshop: Lower extremity blocks. VI Simposio Anesthesia Regional Y Medicina Del Dolor 2003. Santiago, Chile. October 4, 2003.
37. **Boezaart AP.** Continuous nerve blocks for shoulder surgery. South African Society of Anesthesiologists Annual Congress. Cape Town, South Africa. February 14, 2005.
38. **Boezaart AP.** How to stay out of trouble with regional anesthesia. South African Society of Anesthesiologists Annual Congress. Cap Town, South Africa. February 16, 2005.
39. **Boezaart AP.** The past, present and future of regional anesthesia. South African Society of Anesthesiologists Annual Congress. Cape Town, South Africa. February 16, 2005.
40. **Boezaart AP.** Volunteer scanning: Cadaver needle insertions (November 29); Microanatomy of nerves and clinical implications (November 30); **and** Clinical demonstration posterior interscalene blocks **and** Lumbar plexus and sciatic blocks: use of 3-D probe (December 1, 2008). CSTAR's Varkey Ultrasound-guided Regional Anaesthesia and Anatomy Update 2008. University of Western Ontario and Canadian Surgical Technologies and Advanced Robotics, London, Ontario, Canada, November 29-December 1, 2008.
41. **Boezaart AP.** Regional upper limb workshop; Regional lower limb workshop; **and** Paediatric ultrasound regional workshop (March 10). 28th Annual National Anesthetic Congress. The South African Society of Anaesthesiologists, Durban, South Africa, March 10, 2009. **Boezaart AP.** Animal-based regional anesthesia workshop—Teaching the Teachers. University of Durban, Westville, South Africa, March 11, 2009.
42. **Boezaart AP.** Ambulatory surgery: continuous versus single injection blocks; **and** Continuous nerve blocks: lower extremity (April 11); Nerve blocks and postoperative pain (April 12); Paravertebral blocks: surface-based, non-ultrasound technique; **and** Session Moderator (April 14). World Anesthesia Congress. Networking World Anesthesia Convention, Rome, Italy, April 11-15, 2011.
43. **Boezaart AP, Ihnatsenka B.** Thoracic Epidural Analgesia, University of Stellenbosch, Department of Anesthesiology and Intensive Care, Bellville, South Africa, March 3, 2010.

44. **Boezaart AP**, Ihnatsenka B. Paravertebral Block – Cervical, Thoracic and Lumbar, University of Stellenbosch, Department of Anesthesiology and Intensive Care, Bellville, South Africa, March 10, 2010.
45. **Boezaart AP**, Ihnatsenka B. Who Benefits from Regional Anesthesia?, University of Stellenbosch, Department of Anesthesiology and Intensive Care, Bellville, South Africa, March 17, 2010.
46. **Boezaart AP**, Ihnatsenka B. Microanatomy of nerves and its clinical implications, University of Stellenbosch, Department of Anesthesiology and Intensive Care, Bellville, South Africa, March 24, 2010.
47. **Boezaart AP**, Ilfeld B, Borgeat A. Technical aspects of continuous nerve blocks. Nysora World Congress of Anesthesiology, Rome Italy, April 12- 16, 2011.
48. **Boezaart AP**. Postoperative Pain: Single-injection or continuous infusion block. Nysora World Congress of Anesthesiology, Rome Italy, April 12- 16, 2011.
49. **Boezaart AP, Greengrass R**, Paravertebral Blocks: Surface-based, non-ultrasound technique. 2nd Networking World Anesthesiology Conference, Rome Italy, April 12- 16, 2011.
50. **Boezaart AP**. Acute Compartment Syndrome: Are nerve blocks contraindicated? 5th Networking World Anesthesiology Conference, Vienna, Austria May 1 – 4, 2014.
51. **Boezaart AP**. Interventional Acute Pain Management in Ambulatory Surgery. 5th Networking World Anesthesiology Conference, Vienna, Austria May 1 – 4, 2014.
52. **Boezaart AP**. Update on Trauma: Making sense of regional Anesthesia for rib fractures. 5th Networking World Anesthesiology Conference, Vienna, Austria May 1 – 4, 2014.
53. **Boezaart AP**. Why do CPNB's not always work in UE surgery? The view from behind the drum set. (Key Note lecture) University of Florida Hand Fellows Alumni Meeting, Amelia Island, Georgia. June 20 – 21, 2014.
54. **Boezaart AP**. Current status of epidural analgesia in postoperative pain control. November 26, 2014. 4th World Congress of Regional Anesthesia and Pain Therapy (WCRAFT), Cape Town, South Africa.
55. **Boezaart AP**. How to stay out of trouble and never get sued – even in the USA. November 27, 2014. 4th World Congress of Regional Anesthesia and Pain Therapy (WCRAFT), Cape Town, South Africa.

56. **Boezaart AP.** Ambulatory continuous nerve blocks. November 28, 2014. 4th World Congress of Regional Anesthesia and Pain Therapy (WCRAFT), Cape Town, South Africa.
57. Reina AR, **Boezaart AP**, Sala-Blanch X, Monzo E, Server A, Bigeleisen P. What's New in Intraneural Injections? Basic Research, 37th Annual European Society of Regional Anesthesia and Pain Therapy Congress, ESRA 2018, Dublin, Ireland, 12-15 September 2018.

National Invited Lectures (2000-present)

1. **Boezaart AP.** An animal model for teaching accurate catheter placement for continuous plexus and nerve blocks. SA Society of Anaesthesiologists National Meeting, Cape Town, South Africa. 2000.
2. **Boezaart AP.** Stimulating the catheter for continuous blocks. Grand Rounds, Department of Anesthesia, University of Texas, Houston, Texas, USA. March 6, 2002.
3. **Boezaart AP.** Ambulatory continuous interscalene block. Departmental meeting. Department of Anesthesiology, University of Texas, Houston, Texas, USA. March 7, 2002.
4. **Boezaart AP.** Blocks for orthopedic surgery. Departmental meeting. Department of Anesthesiology, University of Texas, Houston, Texas, USA. March 8, 2002.
5. **Boezaart AP.** Advantages of Regional Anesthesia. 2002 Peri-anesthesia Nursing Symposium, Department of Nursing Services and Patient Care, University of Iowa (IBN Approved provider #34). Iowa City, Iowa, March 23, 2002.
6. **Boezaart AP**, Singelyn FJS. Lumbar plexus blocks. Daylong workshop at American Society for Regional Anesthesia and Pain Medicine (ASRA) Annual Meeting. Chicago, Illinois, April 25, 2002.
7. **Boezaart AP.** How to make continuous nerve blocks work. Grand Rounds, Department of Anesthesia, New York Hospital for Special Surgery, New York, New York, July 25, 2002.
8. **Boezaart AP.** Continuous peripheral nerve blocks for acute and chronic pain. Michael Stanton Hicks Pain Management & Regional Anesthesia Symposium. Cleveland Clinic, Cincinnati, Ohio, October 15, 2002
9. **Boezaart AP.** Workshop: Lower extremity blocks. Tulane University and Ochsner Hospital. New Orleans, LA. November 15, 2003.

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10. **Boezaart AP.** Peripheral nerve catheter techniques – The future is here! American Society of Regional Anesthesia Spring Meeting, March 11, 2004.
11. **Boezaart AP.** Pro/Con: The stimulating catheter – Is it useful? American Society of Regional Anesthesia Spring Meeting, March 12, 2004.
12. **Boezaart AP.** Cervical paravertebral block. American Society of Regional Anesthesia Spring Meeting, March 14, 2004.
13. **Boezaart AP.** Continuous peripheral nerve blocks. American Academy of Orthopaedic Surgeons, Chicago, March 23, 2006.
14. **Boezaart AP.** Update on Equipment for Continuous Blocks. American Society of Regional Anesthesia Spring Meeting, Rancho Mirage, California, April 7, 2006.
15. **Boezaart AP.** Lower Extremity Nerve Blocks Comprehensive Workshop. American Society of Regional Anesthesia Spring Meeting, Rancho Mirage, California, April 7, 2006.
16. **Boezaart AP.** Cervical Paravertebral Block. American Society of Regional Anesthesia Annual Spring Meeting, Rancho Mirage, California, April 9, 2006.
17. **Boezaart AP.** Peripheral Nerve Stimulation, 5th Annual Comprehensive Regional Anesthesia Workshop, Bethesda, Maryland, April 29-30, 2006.
18. **Boezaart AP.** How to stay out of Trouble with Peripheral Nerve Blocks; Emerging Trends and Techniques in Peripheral Nerve Blockade, 13th Annual Anesthesia Symposium, Penrose St. Francis Health Services, Colorado Springs, CO, May 6-7, 2006.
19. **Boezaart AP.** Single injection or continuous block? Nysora annual meeting New York City, New York, December 19, 2010.
20. **Boezaart AP.** Thoracic Epidural Analgesia. Nysora annual meeting New York City, New York, December 19, 2010
21. **Boezaart AP.** Local Anesthetics Systemic Toxicity. SAMBA Meeting, San Antonio, Texas, May 28 – 31, 2011
22. **Boezaart AP.** Cases from the real world. SAMBA Meeting, San Antonio, Texas, May 28 – 31, 2011
23. **Boezaart AP, Ihnatsenka B.** Animal-based workshop on continuous peripheral nerve blocks. 10th Annual Advanced Regional Anesthesia Workshops. **Uniformed Services**

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University of Health Sciences, Walter Reed Army Hospital, Bethesda, April 30 – May 1, 2011

24. **Boezaart AP.** Acute Pain Medicine: How Do We Train for the Specialty? AAPM Annual Meeting February 25, 2012 Palm Springs, CA
25. **Boezaart AP.** Rounding out the problems with orthopaedic trauma: Acute compartment syndrome. AAPM Annual Meeting, March 6 – 9, 2014. Phoenix, AZ.

Regional invited lectures (2000-present)

1. **Boezaart AP.** Sciatic and femoral blocks – A demonstration workshop on live human volunteers. Iowa Anesthesia Symposium II. Department of Anesthesia, University of Iowa, Iowa City, Iowa. May 4, 2002.
2. **Boezaart AP.** Animal- and cadaver-based teaching workshop in regional anesthesia. RASCI (Regional Anesthesia Study Center of Iowa – 1st weekend symposium), Department of Anesthesia, University of Iowa, Iowa City, Iowa. May 11-12; June 29; July 13-14; August 10-11; September 21-22; October 19-12; November 16-17; 2002.
3. **Boezaart AP.** Animal- and cadaver-based teaching workshop in regional anesthesia. RASCI (Regional Anesthesia Study Center of Iowa – weekend symposium), Department of Anesthesia, University of Iowa, Iowa City, Iowa. February 1; February 22-23; April 26-27; May 10; May 17-18; July 19-10; August 11; August 23-24; September 27-28; November 22-23, 2003.
4. **Boezaart AP.** Nerve stimulation and muscle twitches. Iowa Anesthesia Symposium III. Department of Anesthesia, University of Iowa, Iowa City, Iowa. May 10, 2003.
5. **Boezaart AP.** Continuous cervical paravertebral nerve block. (Workshop) Iowa Anesthesia Symposium III. Department of Anesthesia, University of Iowa, Iowa City, Iowa. May 10, 2003.
6. **Boezaart AP.** Animal- and cadaver-based teaching workshop in regional anesthesia. RASCI (Regional Anesthesia Study Center of Iowa – weekend symposium), Department of Anesthesia, University of Iowa, Iowa City, Iowa. March 27-28; May 22-23; July 17-18; August 28; September 18-19; November 13-14, 2004.
7. **Boezaart AP.** RASCI (Regional Anesthesia Study Center of Iowa) Off-Campus Workshop. University of South Florida, Tampa, Florida. April 12, 2004.

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8. **Boezaart AP.** RASCI (Regional Anesthesia Study Center of Iowa) Off-Campus Workshop. University of South Florida, Tampa, Florida. June 26, 2004.
9. **Boezaart AP.** RASCI (Regional Anesthesia Study Center of Iowa) Off-Campus Workshop. University of South Florida, Tampa, Florida. October 2, 2004.
10. **Boezaart AP.** RASCI (Regional Anesthesia Study Center of Iowa) Off-Campus Workshop. UCLA, Los Angeles, California. April 24, 2004.
11. **Boezaart AP.** RASCI (Regional Anesthesia Study Center of Iowa) Off-Campus Workshop. Emory University School of Medicine, Atlanta, Georgia. January 15, 2005.
12. **Boezaart AP.** RASCI (Regional Anesthesia Study Center of Iowa) Off-Campus Workshop. University of South Florida, Tampa, Florida. March 12, 2005.
13. **Boezaart AP.** RASCI (Regional Anesthesia Study Center of Iowa) Off-Campus Workshop. University of Virginia Health System, Charlottesville, VA. April 29-30, 2005.
14. **Boezaart AP.** RASCI (Regional Anesthesia Study Center of Iowa) Off-Campus Workshop. Wayne State University School of Medicine, Detroit, MI. May 13-15, 2005.
15. **Boezaart AP.** RASCI (Regional Anesthesia Study Center of Iowa) Off-Campus Workshop. PIMIT, Dallas, Texas. June 4, 2005.
16. **Boezaart AP.** RASCI (Regional Anesthesia Study Center of Iowa) Off-Campus Workshop. State University of Pennsylvania, Hershey, PA. July 30-31, 2005.
17. **Boezaart AP.** RASCI (Regional Anesthesia Study Center of Iowa) Off-Campus Workshop. University of South Florida, Tampa, Florida. September 17, 2005.
18. **Boezaart AP.** RASCI (Regional Anesthesia Study Center of Iowa) Off-Campus Workshop. John Muir Hospital, Walnut Creek California, November 11-12, 2005.
19. **Boezaart AP.** Animal- and cadaver-based teaching workshop in regional anesthesia. RASCI (Regional Anesthesia Study Center of Iowa – weekend symposium), Department of Anesthesia, University of Iowa, Iowa City, Iowa. May 20-21, 2006.
20. **Boezaart AP.** RASCI (Regional Anesthesia Study Center of Iowa) Off-Campus Workshop. Tampa, Florida, April 22-23, 2006.
21. **Boezaart AP.** Continuous nerve blocks/upper extremity (workshop) (April 30); Starting a home catheter program at your institution (problem-based learning discussion) (May 1);

22. **Boezaart AP.** Continuous brachial plexus blocks above the clavicle (workshop) (May 2); **and** Lower extremity nerve blocks (comprehensive workshop) (May 3). 34th Annual Regional Anesthesia Meeting and Workshops. Phoenix, Arizona, April 30-May 3, 2009.
23. Numerous Local Institutional Lectures.
24. Gator-RAP animal and cadaver based advanced Regional Anesthesia Workshop. Director Ihnatsenka B. Department of anesthesiology, University of Florida. (Conducted at Florida School of Veterinary Medicine). Co-director and Guest Lecturer. May 19, 2012.
25. Gator-RAP animal and cadaver based advanced Regional Anesthesia Workshop. Director Ihnatsenka B. Department of anesthesiology, University of Florida. (Conducted at Florida School of Veterinary Medicine). Co-director and Guest Lecturer. June 2, 2012.
26. Gator-RAP animal and cadaver based advanced Regional Anesthesia Workshop. Director Ihnatsenka B. Department of anesthesiology, University of Florida. (Conducted at Florida School of Veterinary Medicine). Co-director and Guest Lecturer. February 16, 2013.
27. **Boezaart AP.** Regional Anesthesia: Complications and Informed consent. Gator-RAP animal and cadaver based advanced Regional Anesthesia Workshop. Director Ihnatsenka B. Department of anesthesiology, University of Florida. (Conducted at Florida School of Veterinary Medicine). February 16, 2013
28. **Boezaart AP.** Regional Anesthesia: The prospectoscope: The future of acute pain medicine. Gator-RAP animal and cadaver based advanced Regional Anesthesia Workshop. Director Ihnatsenka B. Department of anesthesiology, University of Florida. (Conducted at Florida School of Veterinary Medicine). February 8, 2014.
29. **Boezaart AP.** Regional Anesthesia: Acute compartment syndrome. Gator-RAP animal and cadaver based advanced Regional Anesthesia Workshop. Director Ihnatsenka B. Department of anesthesiology, University of Florida. (Conducted at Florida School of Veterinary Medicine). February 8, 2014
30. **Boezaart AP.** Regional Anesthesia: Devastating complications of paravertebral blocks. Gator-RAP animal and cadaver based advanced Regional Anesthesia Workshop. Director Ihnatsenka B. Department of anesthesiology, University of Florida. (Conducted at Florida School of Veterinary Medicine). February 8, 2014
31. **Boezaart AP.** Regional Anesthesia: Acute compartment syndrome. Gator-RAP animal and cadaver based advanced Regional Anesthesia Workshop. Director Ihnatsenka B. Department of anesthesiology, University of Florida. (Conducted at Florida School of Veterinary Medicine). February 14, 2015

32. **Boezaart AP.** Regional Anesthesia: Devastating complications of paravertebral blocks. Gator-RAP animal and cadaver based advanced Regional Anesthesia Workshop. Director Ihnatsenka B. Department of anesthesiology, University of Florida. (Conducted at Florida School of Veterinary Medicine). February 14, 2015
33. **Boezaart AP.** Epidural block – newer solutions to old problems. Gator-RAP animal and cadaver based advanced Regional Anesthesia Workshop. Director Ihnatsenka B. Department of anesthesiology, University of Florida. (Conducted at Florida School of Veterinary Medicine). February 14, 2015
34. **Boezaart AP.** How to stay out of trouble with Regional Anesthesia. Gator Anesthesia Technical Skills Workshop, March 5/6 2016, Orlando Florida
35. **Boezaart AP.** Continuous peripheral nerve blocks at home. UFHealth at Shands Perioperative Nursing Symposium, May 22, University of Florida, Gainesville Florida.
36. **Boezaart AP.** The applied anatomy of the posterior triangle of the neck. APPM fellowship Monthly Grand Round Lecture. September 2016.
37. **Boezaart AP.** The applied anatomy of the epidural space. APPM fellowship Monthly Grand Round Lecture. October 2016.
38. **Boezaart AP.** The Microanatomy of the brachial plexus and peripheral nerves. APPM fellowship Monthly Grand Round Lecture. November 2016.

International and National Professional Meeting Presentations (2000-present)

1. **Boezaart AP.** Accurate catheter placement for continuous nerve blocks: Laboratory and clinical evaluation of a new needle and catheter set. International Symposium on Regional Anesthesia and Pain Medicine, Québec City, Canada. June 2000.
2. De Beer JF, **Boezaart AP.** Consulting room intra-articular gleno-humeral joint infection. 8th International Congress for Surgery of the Shoulder. Cape Town, South Africa, 2001.
3. De Beer JF, **Boezaart AP.** Cryo-arthroscopy – Preliminary evaluation of a new concept. 8th International Congress for Surgery of the Shoulder. Cape Town, South Africa, 2001.
4. **Boezaart AP,** Berry A, Nell M, van Dyk A. Remifentanyl vs. propofol for sedation for peribulbar block for cataract surgery. Poster Discussion. 26th American Society of Regional Anesthesia and Pain Medicine Annual Meeting. Vancouver, BC, Canada, 2001.

5. **Boezaart AP**, Berry A, Nell M. Topical anesthesia versus retrobulbar block for cataract surgery: The patients' perspective. Poster Discussion. 26th American Society of Regional Anesthesia and Pain Medicine Annual Meeting. Vancouver, BC, Canada, 2001.
6. **Boezaart AP**. The effect of cerebrospinal fluid withdrawal and epidural blood patch on cerebral blood flow in experimental animals. Poster Discussion. 26th American Society of Regional Anesthesia and Pain Medicine Annual Meeting. Vancouver, BC, Canada, 2001.
7. **Boezaart AP**, Eksteen J, van der Spuy G, Rossouw P, Knipe-van Rensburg M. Intrathecal morphine: double-blind evaluation of optimal dosage for analgesia after major lumbar spinal surgery. Poster Discussion. 26th American Society of Regional Anesthesia and Pain Medicine Annual Meeting. Vancouver, BC, Canada, 2001.
8. **Boezaart AP**, de Beer J. Continuous low cervical paravertebral block for shoulder surgery. Poster Discussion. 26th American Society of Regional Anesthesia and Pain Medicine Annual Meeting. Vancouver, BC, Canada, 2001.
9. **Boezaart AP**, de Beer J. The ambulatory management of acute pain following major shoulder surgery by continuous plexus blocks. Poster Discussion. 26th American Society of Regional Anesthesia and Pain Medicine Annual Meeting. Vancouver, BC, Canada, 2001.
10. **Boezaart AP**. Continuous low cervical paravertebral block for shoulder surgery. 2nd All Africa Anaesthesia Congress. Durban, South Africa, September 2001.
11. **Boezaart AP**. Remifentanyl vs. propofol for sedation for peri-retrobulbar block for cataract surgery. 2nd All Africa Anaesthesia Congress. Durban, South Africa, September 2001.
12. **Boezaart AP**. The effect of cerebrospinal fluid withdrawal and epidural blood patch on cerebral blood flow in experimental animals. 2nd All Africa Anaesthesia Congress. Durban, South Africa, September 2001.
13. **Boezaart AP**. Cervical paravertebral block for upper limb surgery. Annual Regional Anesthesia and Pain Medicine 2003. Toronto, Ontario, Canada, September 20, 2003.
14. **Boezaart AP**. Stimulating catheters for continuous blocks. Annual Regional Anesthesia and Pain Medicine 2003. Toronto, Ontario, Canada, September 20, 2003.
15. **Boezaart AP**, Borgeat, A, Carli F, Chung F, Reuben S, Urmev W. Controversies in Regional Anesthesia (Discussion with the Experts). Annual Regional Anesthesia and Pain Medicine 2003. Toronto, Ontario, Canada, September 21, 2003.

16. **Boezaart AP**, Borgeat A. Optimizing catheter management for continuous blocks (Master Class). Annual Regional Anesthesia and Pain Medicine 2003. Toronto, Ontario, Canada, September 21, 2003.
17. **Boezaart AP**. Paravertebral blocks (Workshop. Annual Regional Anesthesia and Pain Medicine 2003. Toronto, Ontario, Canada, September 21, 2003.
18. **Boezaart AP**: Thoracic paravertebral blocks (workshop) (March 3) **and** Update on indwelling peripheral nerve catheters for pain relief (March 6). World Congress of Anesthesiologists. Cape Town, South Africa, March 2-7, 2008
19. **Boezaart AP**. Elective labs: Peripheral nerve stimulation, continuous catheter and ultrasound technique (April 19 **and** 20). 7th Annual Comprehensive Regional Anesthesia Workshop. Uniformed Services University of the Health Sciences, Bethesda, Maryland, April 19-20, 2008.
20. **Boezaart AP**. Brachial plexus blocks above the clavicle (workshop); **and** Continuous nerve blocks/upper extremity (workshop) (May 1); Continuous nerve blocks/upper extremity (workshop) (May 2); Lower extremity nerve blocks comprehensive workshop (workshop); **and** Microanatomy of the PNS: subarachnoid and intrafascicular injection (May 4). 33rd Annual Regional Anesthesia Meeting and Workshops, Cancun, Mexico, May 1-4, 2008.
21. **Boezaart AP**. Cadaver workshop (November 29); Recent advances in pain medicine (November 30); **and** Posterior interscalene blocks; Lumbar plexus and sciatic blocks (December 1). Varkey Ultrasound-guided Regional Anesthesia and Anatomy Update 2008. Canadian Surgical Technologies and Advanced Robotics, and London Health Sciences Center, London, Canada, November 29-December 1, 2008.
22. **Boezaart AP**, Coetzee AR, vd Merwe J. Optimal surgical conditions during functional endoscopic sinus surgery. SA Society of Anaesthesiologists National Meeting, 1994.
23. **Boezaart AP**. Monitoring ventilation during cataract surgery under local anaesthesia. Ophthalmologic Society of SA National Meeting, 1995.
24. **Boezaart AP**, Coetzee AR. The effect of induced controlled hypotension on cerebral electrical function. SA Society of Anaesthesiologists National Meeting, 1995.
25. **Boezaart AP**, Coetzee AR. Cerebral blood flow and metabolic effects of induced controlled hypotension. SA Society of Anaesthesiologists National Meeting, 1995.
26. **Boezaart AP**, J F de Beer, K v Rooyen. Interscalene nerve block and phrenic nerve function. SA Society of Anaesthesiologists National Meeting, 1995.

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27. **Boezaart AP**, Coetzee AR. Cerebral oxygen consumption during induced hypotension. SA Society of Anaesthesiologists National Meeting, 1995.
28. **Boezaart AP**. New ideas and techniques of induced controlled hypotension. Refresher course lecture, SA Society of Anaesthesiologists National Meeting, 1995.
29. **Boezaart AP**. Cerebral protection. Refresher course lecture, SA Society of Anaesthesiologists National Meeting, 1995.
30. **Boezaart AP**. Evaluation of anxiolysis and pain associated with peri-retrobulbar eye block for cataract surgery. SA Society of Anaesthesiologists National Meeting, Durban, 1998.
31. Rossouw P, **Boezaart AP**. Intrathecal Morphine: Optimal dosage for management of post-operative pain associated with major spinal instrumentation surgery. SA Society of Anaesthesiologists National Meeting, Durban, 1998.
32. **Boezaart AP**, Coetzee AR. Cerebral blood flow during induced hypotension. SA Society of Anaesthesiologists National Meeting, Durban, 1998.
33. **Boezaart AP**, Coetzee AR. Cerebrospinal fluid lactate accumulation during induced hypotension. SA Society of Anaesthesiologists National Meeting, Durban, 1998.
34. **Boezaart AP**, Coetzee AR. Cerebral oxygen extraction during induced hypotension. SA Society of Anaesthesiologists National Meeting, Durban, 1998.
35. **Boezaart AP**, Berry AR, Nell M. Topical anaesthesia versus retrobulbar block for cataract surgery: The patients' perspective. Ophthalmologic Society of SA annual congress, Cape Town, 1999.
36. **Boezaart AP**. Scavenging the Jackson Rees modification of the Ayre's T-piece. Paediatric Anaesthesia Congress of South Africa Scientific Meeting, Cape Town, 1999.
37. de Beer JF, **Boezaart AP**, van Rooyen K. Arthroscopic Rotator Cuff Repair – Review of 96 Cases. South African Orthopaedic Association Annual Congress, Durban, September 2000.
38. De Beer JF, **Boezaart AP**, van Rooyen K. Repair of Rotator Cuff Defects After Calcium Deposit Removal. South African Orthopaedic Association Annual Congress, Durban, September 2000.
39. De Beer JF, **Boezaart AP**, van Rooyen K. Gleno-Humeral Joint Injection. South African Orthopaedic Association Annual Congress, Durban, September 2000.

40. De Beer JF, **Boezaart AP**, van Rooyen K. Cryo-Arthroscopy – Preliminary Evaluation of a New Concept. South African Orthopaedic Association Annual Congress, Durban, September 2000.
41. **Boezaart AP**. Continuous peripheral nerve blocks for acute pain: Avoiding secondary block failure by stimulating the needle and the catheter. American Society of Regional Anesthesia & Pain Medicine (ASRA) Annual Fall Meeting & Workshops, Phoenix, AZ, November 2002.
42. Borene SC, Edwards JN, **Boezaart AP**: A69 At the cords, the pinkie towards (poster presentation). American Society of Regional Anesthesia Spring Meeting, April 3-6, 2003.
43. Raw R, Borene SC, **Boezaart AP**: Superior approach to infraclavicular block (A72). American Society of Regional Anesthesia Spring Meeting, March 11-14, 2004.
44. Wehling M, Koorn R, Leddell C, **Boezaart AP**: Electrical nerve stimulation using a stimulating catheter: what is a safe lower limit? American Society of Regional Anesthesia Spring Meeting, Orlando, Florida, March 11-14, 2004.
45. Haider N, Miller C, **Boezaart AP**. Complications related to placement of a paravertebral catheter under general anesthesia. American Society of Regional Anesthesia Spring Meeting, Orlando, Florida, March 11-14, 2004.
46. **Boezaart AP**: Thoracic paravertebral blocks (workshop) (March 3) **and** Update on indwelling peripheral nerve catheters for pain relief (March 6). World Congress of Anesthesiologists. Cape Town, South Africa, March 2-7, 2008
47. Govindji T, Boezaart AP. “Wet Tap” with root level nerve block. American Academy of Pain Medicine Annual Meeting, Fort Lauderdale, Florida, April 11 – 14, 2013 (Poster number 188)
48. Hulata DF, Le-Wendling Johnson M, Boezaart AP. Case Report: Benefits of continuous left stellate ganglion blockade for the management of Electrical Storm. American Academy of Pain Medicine Annual Meeting, Fort Lauderdale, Florida, April 11 – 14, 2013 (Poster number 191)
49. Munro A, Govindji T, Boezaart AP. Little girl lost: An unusual case of neurogenic thoracic outlet syndrome. American Academy of Pain Medicine Annual Meeting, Fort Lauderdale, Florida, April 11 – 14, 2013 (Poster number 207)
50. McCoy WL, LE-Wendling LT, Boezaart AP. Perioperative analgesia for a left hepatectomy in a child: A bilateral thoracic paravertebral approach. American Academy of Pain

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Medicine Annual Meeting, Fort Lauderdale, Florida, April 11 – 14, 2013 (Poster number 232)

51. Munro A, Boezaart AP, Govindji T, Cole D. Little girl lost: An unusual case of neurogenic thoracic outlet syndrome. University of Florida, Department of Anesthesiology Celebration of Research, May 9, 2013. Gainesville, Florida.
52. Bunch J, Govindji T, Ensminger R, Boezaart AP, Le-Wendling L. Refractory angina successfully treated by local anesthetic infusion via a stellate ganglion catheter. University of Florida, Department of Anesthesiology Celebration of Research, May 9, 2013. Gainesville, Florida.
53. Hulata DF, Le-Wendling, Hurley R, Boezaart AP. Continuous left cervical ganglion blockade for the management of cardiac electrical storm: A case report and description of the technique. University of Florida, Department of Anesthesiology Celebration of Research, May 9, 2013. Gainesville, Florida.
54. Tighe P, Ayttag, H, Boezaart AP, Fillingam R. Machine Learning algorithms forecast severe acute postoperative pain. University of Florida, Department of Anesthesiology Celebration of Research, May 9, 2013. Gainesville, Florida.
55. Tighe P, Cruz-Almeida Y, Boezaart AP, Ayttag H, Fillingam R. Characteristic optimal. Target outcomes for predicting severe acute postoperative pain. University of Florida, Department of Anesthesiology Celebration of Research, May 9, 2013. Gainesville, Florida.
56. Janakiraman J, Elliott CE, Thompson AM, **Boezaart AP**: When a Twitch is not a Twitch: Secondary Failure of a Continuous Cervical Paravertebral Block. 32nd Annual Regional Anesthesia Meeting and Workshops. American Society of Regional Anesthesia and Pain Medicine, Vancouver, British Columbia, Canada, April 2007.
57. **Boezaart AP**, Janakiraman R, Thompson AM, Elliott C, Rosenquist RW: Prospective feasibility Study of Home-Nursing Care for Patients with Ambulatory Continuous Peripheral Nerve Blocks. 32nd Annual Regional Anesthesia Meeting and Workshops. American Society of Regional Anesthesia and Pain Medicine, Vancouver, British Columbia, Canada, April 2007.
58. Donnelly MJ, Elliott CE, Cumpstone T, **Boezaart AP**: Long-term continuous cervical paravertebral block for treatment of neuropathic pain due to end stage pancoast tumor. 33rd Annual Regional Anesthesia Meeting and Workshops. American Society of Regional Anesthesia and Pain Medicine, Cancun, Quintana Roo, Mexico, May 2008.

59. Tighe P, Elliott C, Lucas S, **Boezaart A**: Noninvasive muscle oximetry determined by near-infrared spectroscopy following lower extremity nerve block: A pilot investigation. 34th Annual Meeting. American Society of Regional Anesthesia and Pain Medicine, Phoenix, Arizona, April 30-May 3, 2009.
60. Tighe P, **Boezaart A**: Initial recovery room temperatures following ambulatory surgery in patients with and without a peripheral nerve block. 34th Annual Meeting. American Society of Regional Anesthesia and Pain Medicine, Phoenix, Arizona, April 30-May 3, 2009.
61. Koyyalamudi VB, Elliott C, Gibbs CP, **Boezaart AP**: Perioperative analgesia for forequarter amputation: a paravertebral approach. 34th Annual Meeting. American Society of Regional Anesthesia and Pain Medicine, Phoenix, Arizona, April 30-May 3, 2009.
62. Koyyalamudi VB, **Boezaart A**: Sometimes seeing is not believing: An unusual ultrasound artifact. 34th Annual Meeting. American Society of Regional Anesthesia and Pain Medicine, Phoenix, Arizona, April 30-May 3, 2009.
63. Ficarrotta MR, Morey T, **Boezaart A**: Does opening the perineural space with D5W make placement of continuous femoral nerve block easier: A randomized controlled trial. 34th Annual Meeting. American Society of Regional Anesthesia and Pain Medicine, Phoenix, Arizona, April 30-May 3, 2009.
64. Ficarrotta MR, Radson E, **Boezaart A**: Analysis of the impact of continuous nerve catheters to an acute pain service. 34th Annual Meeting. American Society of Regional Anesthesia and Pain Medicine, Phoenix, Arizona, April 30-May 3, 2009.
65. Higdon T, Lucas S, **Boezaart AP**: Inadvertent epidural placement of a thoracic paravertebral catheter in severe chest trauma. 34th Annual Meeting. American Society of Regional Anesthesia and Pain Medicine, Phoenix, Arizona, April 30-May 3, 2009.
66. Tighe PJ, Escobar E, van Oostrom H, **Boezaart AP**, Robicsek S: Structured weblog to facilitate discussions on regional anesthesia and acute pain medicine. Annual Meeting. American Society of Anesthesiologists, New Orleans, Louisiana, October 18-23, 2009.
67. Tighe PJ, Elliott C, Lucas S, **Boezaart AP**: Muscle oximetry determined by near-infrared spectroscopy following upper extremity nerve block. Annual Meeting. American Society of Anesthesiologists, New Orleans, Louisiana, October 18-22, 2009.
68. Le-Wendling L, Ihnatsenka B, Lucas S, Koyyalamudi V, Elliott C, **Boezaart A**, Wendling A, Tighe P: Assessment of a Web-Based Audio-Visual Module for the Education of New

Residents in Acute Pain Management, abstract. Southern Group on Educational Affairs Regional Conference, Oklahoma City, Oklahoma, April 15-17, 2010.

69. Le-Wendling L, Ihnatsenka B, Lucas S, Koyyalamudi V, Elliott C, **Boezaart A**, Wendling A, Tighe P: Assessment of a web-based audio-visual module for the education of new residents in acute pain management. University of Florida College of Medicine Research Day, Gainesville, Florida, April 2010.
70. Le-Wendling L, Ihnatsenka B, Lucas S, Koyyalamudi V, Elliott C, **Boezaart A**, Wendling A, Tighe P: Assessment of a web-based audio-visual module for the education of new residents in acute pain management, abstract. Southern Group on Educational Affairs Regional Conference, Oklahoma City, Oklahoma, April 15-17, 2010.
71. Heyman HJ, Bihorac A, **Boezaart A**, Lucas S, Le-Wendling L: Effect of type of anesthesia on hospital cost and long term mortality after hip fracture repair in elderly patients. Annual Meeting. Society for Regional Anesthesia and Pain Medicine, Toronto, Canada, April 22-25, 2010.
72. Allison S. Haller, MD, Linda Le-Wendling, MD, Thomas Wright, MD, Doug Theriaque, MS, Jonathan Shuster, Ph D, **Boezaart AP**. Total shoulder arthroplasty as an outpatient procedure. Annual Meeting. Society for Regional Anesthesia and Pain Medicine, Toronto, Canada, April 22-25, 2010.
73. Laduzenski S, **Boezaart AP**: Management of a patient with extreme obesity with regional anesthesia: a case report. Annual Meeting. Society for Regional Anesthesia and Pain Medicine, Toronto, Canada, April 22-25, 2010.
74. Le-Wendling L, Bihorac A, Lucas A, Sadasivan K, Heyman J, Wendling A, **Boezaart AP**: Acute renal dysfunction more prevalent in patients undergoing hip stabilization surgery under general anesthesia versus regional anesthesia. Annual Meeting. American Society of Regional Anesthesia, Las Vegas, Nevada, May 5-8, 2011.
75. Le-Wendling L, Bihorac A, Lucas S, Sadasivan K, Heyman J, Wendling A, **Boezaart AP**: Acute kidney injury more prevalent in patients undergoing hip stabilization surgery under general anesthesia versus regional anesthesia. 2011 Celebration of Research, Department of Anesthesiology, University of Florida, Gainesville, Florida, May 26, 2011.
76. Edwards DA, Lucas SD, Aytug H, **Boezaart AP**, Tighe PJ: Machine learning classifiers predict patient need for pain service consult preoperatively. Annual Meeting. American Society of Anesthesiologists, Chicago, Illinois, October 16-21, 2011.
77. Hastie BA, Grace ED, Hou W, Frye RF, Wallace MR, Jacobson P, **Boezaart AP**, Klodell CT Jr. Putting Pain to bed in lung cancer patients: Associations of Sleep with acute and chronic

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post-thoracotomy pain. UF Shands Comprehensive Cancer Center, Hilton Hotel Conference Center, Gainesville, Florida. May 1, 2012. (This poster won 1st prize for Professional Development for the first author – a plaque and a \$1,000 cash prize).

78. Hastie B, Wallace M, Frye R, **Boezaart A**, Klodell C. A model for predicting chronic post-thoracotomy pain among patients with lung cancer. Annual mtg American Pain Society. J Pain 12(4): P26, 2011. (poster and published abstract)
79. Hastie BA, Wallace M, Frye RF, **Boezaart AP**, Klodell CT. Identifying Risk Factors and an Optimal Multi-dimensional model for predicting development of post-thoracotomy pain. American Association of Thoracic Surgeons annual meeting 2011 (poster abstract).
80. Hastie BH, Dean GE, Hou W, Frye RF, Wallace MR, Jacobsen P, **Boezaart AP**, Klodell CT. Putting pain to bed: association of sleep with acute and chronic post-thoracotomy pain. 14th World Congress on Pain (IASP), Milan, 2012. (poster and published abstract)
81. Hastie B, Klodell C, Frye R, Wallace M, **Boezaart AP**. Tick-Tock...genes working round the clock: associations with sleep and acute and chronic post-thoracotomy pain. American Pain Society 2013 meeting, New Orleans, J Pain 14(4):S33, 2013. (poster and published abstract).
82. Hastie BA, Wallace MR, Frye R, **Boezaart A**, Hou W, Wallet SM, Jacobsen P, Maurer M, Gilson A, Klodell C. Riding the rollercoaster of post-thoracotomy pain: exploring influences in the transition to chronic pain. 15th World Congress on Pain (IASP), Buenos Aires, 2014. (poster and published abstract).
83. Hastie BA, Wallace MR, Frye R, Hou W, **Boezart A**, Wong F, Maurer M, Gilson A, Klodell C. Does pain sensitivity determine trajectory? Examining the relationships between baseline quantitative sensory testing with acute & persistent post-thoracotomy pain. 15th World Congress on Pain, Buenos Aires, 2014. (poster and published abstract).
84. Hastie BA, Wallace MR, Frye R, Hou W, **Boezart A**, Wong F, Maurer M, Gilson A, Klodell C. Can Thoracotomy Patients be "Immune" to Developing Chronic Pain? Examination of the Role of Immune & Inflammatory Markers in the Post-Surgical Trajectory. Am Pain Society mtg, 2015 (poster).
85. N Pawlowicz, **Boezaart AP**, Klodell Jr CT, Wallace MR, Frye RF, Hastie BA. Are baseline pain sensitivity and genetic factors associated with acute and chronic post-thoracotomy pain? Annual American Society of Anesthesiologists meeting, 2015. (Accepted for oral presentation)
86. **Boezaart AP**. Getting between the sheets with the axons. Hand Surgery Society of South Africa. September 12, 2016, Cape Town South Africa.

87. **Boezaart AP**, Nin OC. The Cervical Paravertebral Block - lecture. CEU San Pablo, Facultad de Medicina Campus de Monteprincipe. Boadilla del Monte. 28668 Madrid. Sept 5, 2017.
88. **Boezaart AP**, Nin OC. The Cervical Paravertebral Block – hands-on workshop. CEU San Pablo, Facultad de Medicina Campus de Monteprincipe. Boadilla del Monte. 28668 Madrid. Sept 5, 2017.
89. **Boezaart AP**, Nin OC. Setting up an Acute Pain Service – small group discussion. CEU San Pablo, Facultad de Medicina Campus de Monteprincipe. Boadilla del Monte. 28668 Madrid. Sept 7, 2017.
90. **Boezaart AP**, Gray C, Deen JT, Le-Wendling L, Zasimovich Y, Parvataneni HK. Use of continuous femoral nerve blocks in the development of an outpatient total joint arthroplasty program, AAPM, March 6-9, 2018, Denver, Colorado
91. **Boezaart AP**, Gray C, Deen JT, Smith CR, Kantamneni S, Parvataneni HK. Patient-centered, multi-disciplinary collaboration with orthopaedic surgeons can dramatically improve joint replacement quality metrics and value-based care, AAPM, March 6-9, 2018, Denver, Colorado
92. **Boezaart AP**, Gray C, Deen JT, Zasimovich Y, Parvataneni HK. A comprehensive protocol for post-operative pain control in elective total joint arthroplasty drastically reduces opioid prescriptions: A review of prescribing practices and outcomes, AAPM, March 6-9, 2018, Denver, Colorado
93. **Boezaart AP**, Beck B, Smith CR. The Use of Pterygopalatine Ganglion Block for Positional Headache and Nausea Secondary to CSF Leak, AAPM, March 6-9, 2018, Denver, Colorado
94. **Boezaart AP**, Server A, Zasimovich Y, Beck B, Sala-Blanch X, Reina M. A Novel Marker of Studying Peripheral Nerves, AAPM, March 6-9, 2018, Denver, Colorado
95. **Boezaart AP**, Server A, Sala-Blanch X, Cobb D, Reina M. Microanatomical Nerve Architecture of 6 Mammalian Species: Is Trans-Species Translational Anatomic Extrapolation Valid?, AAPM, March 6-9, 2018, Denver, Colorado
96. **Boezaart AP**, Nin OC, Helander EM, Sala-Blanch X, Reina MA. Deliberate Intraneural Injections: Extrafascicular and Intraperineurium, but no Endoneural Spread, AAPM, March 6-9, 2018, Denver, Colorado
97. **Boezaart AP**, Prats-Galino A, Nin OC, Server A, Reina MA. The Posterior Lumbar Epidural Spaces and its Content in Vivo, AAPM, March 6-9, 2018, Denver, Colorado
98. **Boezaart AP**, Server A, Cobb D, Le-Wendling L, Reina MA. Another Epineurium: Inside and Beyond the Bounaries of the Nerve, AAPM, March 6-9, 2018, Denver, Colorado
99. **Boezaart AP**, Kantamneni S, Smith CR, Gray C, Deen J, Parvateneni HK, Improving joint replacement program through a team based approach, University of Florida, Department of Anesthesiology Celebration of Research, March 20, 2019. Gainesville, Florida
100. **Boezaart AP**, Nimma S, Beck B, Smith CR, Management of CSF leak headache: a novel speak using nerve blocks in the pterygopalatine fossa, University of Florida, Department of Anesthesiology Celebration of Research, March 20, 2019. Gainesville, Florida
101. **Boezaart AP**, Zasimovich Y, Le-Wendling L, Gray C, Deen J, Parvateneni HK, Pilot Ambulatory Total Joint Arthroplasty Program at a Tertiary Care Facility: The results of the first 105 consecutive patients, University of Florida, Department of Anesthesiology

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Celebration of Research, March 20, 2019. Gainesville, Florida

102. **Boezaart AP, Cobb D**, Server A, Sala-Blanch X, Reina MA, Sciatic nerve microanatomy of six mamilian species and impact on trans-species anatomic extrapolation, University of Florida, Department of Anesthesiology Celebration of Research, March 20, 2019. Gainesville, Florida
103. **Boezaart AP, Whitman C**, Zasimovich Y, Gray C, Deen J, Parvateneni HK Significant reduction in opiod use after implementation of comprehensive protocol after total joint arthroplasty, University of Florida, Department of Anesthesiology Celebration of Research, March 20, 2019. Gainesville, Florida
104. **Boezaart AP, Beck B**, The use of heparinized blood solution as a marker in identifying membranes and compartments surrounding peripheral nerves, University of Florida, Department of Anesthesiology Celebration of Research, March 20, 2019. Gainesville, Florida

TEACHING VIDEO MATERIAL PRODUCED

1. Healthcare Professionals Educational Vieos

- a) Ten instructural videos for the series ***“André Boezaart’s High-yield Block”*** series;
- b) Ten videos for the ***“André Boezaart Must-know Anatomy”*** series;
- c) and 3 videos for ***“André Boezaart’s Nurse Education”*** series, and
- d) Sixteen videos for the ***“Functional Anatomy Series”*** and the
- e) first video in the ***“Connecting the Neural Network Series”***.
- f) Together with Drs. Ihnatsenka and Zasimovich, produced 14 ***“Dynamic Sonoanatomy Videos”***, and
- g) with Drs. Bohannon and le-Wendling produced 3 ***“Patient Education Videos”*** for total joint arthroplasty pain management.
- h) (All these productions are accompanied by text documents and are being published on Amazon’s CreateSpace, Kindle and the department website).

2. Patient Educations Videos

- a. TKA Patient Education Video

https://player.vimeo.com/external/221770109.hd.mp4?s=6748991c22e3ae2108278776004ba3b4514c3c5f&profile_id=119

- b. TSA patient Education Video

https://player.vimeo.com/external/221764524.hd.mp4?s=721f4de360d66ca77d8315c8d8aa7e68cbce8eff&profile_id=119

- c. THA Patient Education Video

https://player.vimeo.com/external/219441391.hd.mp4?s=ea6ac5d04b50cd4d370a87e2532b3d20b78bd664&profile_id=119

3. Nurse Education Videos

- d. CPNB at Home Part 1

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https://player.vimeo.com/external/220732052.hd.mp4?s=fa135e7934d01f2345d90442fc453b072eeb1abe&profile_id=119

e. CPNB at Home Part 2

https://player.vimeo.com/external/220746811.hd.mp4?s=22a823f15917eb2298a41a3411ce0fe87a9ca56&profile_id=119

f. CPNB at Home Part 3

https://player.vimeo.com/external/220908081.hd.mp4?s=d0e52b5f1dde54687e98a5a7ed8d7bcd9117b9e&profile_id=119

4. High-Yield Block Series

g. Applied Anatomy for the Cervical Paravertebral Block

<https://vimeo.com/222951145/6cbfc4fd42>

h. Technique of the Cervical Paravertebral Block

<https://vimeo.com/222958459/96efd7be42>

a) Applied Anatomy for the Supraclavicular Block

<https://vimeo.com/222966290/59c870a7a0>

b) Technique for the Supraclavicular Block

<https://vimeo.com/222960645/83014f74f9>

c) Applied Anatomy for the Proximal Infraclavicular Block

<https://vimeo.com/222968397/ba8ee8c9ee>

d) Technique for Proximal Infraclavicular Block

<https://vimeo.com/222970114/c4a460da1b>

e) Applied Anatomy for Continuous Femoral Nerve Block

<https://vimeo.com/222971372/f8be13e470>

f) Technique for Continuous Femoral Nerve Block

<https://vimeo.com/219436857/0eec3f23d1>

g) Applied Anatomy for Subgluteal Sciatic Nerve Block

<https://vimeo.com/222974227/913315ba1c>

h) Technique for Subgluteal Sciatic Nerve Block

<https://vimeo.com/222974986/84cd5f6c03>

5. Must-know Anatomy Series

a. Basic Anatomic Principles (BoezaartV001)

<https://vimeo.com/223016987/cbba0428a>

b. The Brachial Plexus (BoezaartV002)

<https://vimeo.com/223017441/4e2221bcb>

c. The Posterior Triangle of the Neck (BoezaartV003)

<https://vimeo.com/223017880/17db0ab917>

d. Innervation of the Shoulder Joint (BoezaartV004)

<https://vimeo.com/223018365/407b401598>

e. Innervation of the Hip Joint (BoezaartV005)

<https://vimeo.com/223018814/8b1791fcd>

f. Innervation of the Knee Joint (BoezaartV006)

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<https://vimeo.com/223019198/e9928fcd57>

g. Innervation of the Ankle Joint (BoezaartV007)

<https://vimeo.com/223020012/95057d7060>

h. Microanatomy of the Brachial Plexus (BoezaartV008)

<https://vimeo.com/223020333/e0c1e33a44>

i. Microanatomy of Peripheral Nerves (BoezaartV009)

<https://vimeo.com/223021416/98e3328248>

j. Microanatomy of the Epidural Space (BoezaartV010)

<https://vimeo.com/219446910/0a19d51e4a>

6. Dynamic Sono-Anatomy Series

i. Posterior Triangle of the Neck and Brachial Plexus (ZasimovichV001)

<https://vimeo.com/223026135/6792eab9df>

j. Supraclavicular Brachial Plexus (ZasimovichV002)

<https://vimeo.com/223027883/555600ad43>

k. Brachial Plexus Below the Clavicle (ZasimovichV003)

<https://vimeo.com/223028320/791a54044d>

l. Brachial Plexus in the Axilla (ZasimovichV004)

<https://vimeo.com/223028762/69d285a251>

m. Sonoanatomy for PEC1 Block (ZasimovichV005)

<https://vimeo.com/223029008/0d9e8c3dc6>

n. Sonoanatomy of the Abdominal Wall (TAP) (ZasimovichV006)

<https://vimeo.com/223029171/efd4da5c63>

o. Obturator Nerve in the Upper Thigh (ZasimovichV007)

<https://vimeo.com/223029444/42e869462c>

p. Femoral Nerve (ZasimovichV008)

<https://vimeo.com/223029829/8cb9534f68>

q. Adductor Canal (ZasimovichV009)

<https://vimeo.com/223030086/41b2848461>

r. Lateral Cutaneous Nerve of the Thigh (ZasimovichV010)

<https://vimeo.com/223030360/397ee791fe>

s. Sciatic Nerve – Parasacral (ZasimovichV011)

<https://vimeo.com/223030613/02a32104bc>

t. Sciatic Nerve - Subgluteal (ZasimovichV012)

<https://vimeo.com/223030848/125b34bdb9>

u. Sciatic nerve – Popliteal (ZasimovichV013)

<https://vimeo.com/223031093/e4bc619741>

v. Thoracic Paravertebral Space (ZasimovichV014)

<https://vimeo.com/223031285/bb0614dbde>

7. Functional Anatomy Series

w. Accessory Nerve (BoezaartV011)

<https://vimeo.com/223031986/2253df72e6>

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- x. Brachial Plexus Roots (BoezaartV012)
<https://vimeo.com/223032173/765dac2aeb>
- y. Brachial Plexus Trunks (BoezaartV013)
<https://vimeo.com/223032518/2e7af2b08a>
- z. Dorsal Scapular Nerve (BoezaartV014)
<https://vimeo.com/223032721/2a1e9944f2>
- aa. Median Nerve in the Axilla (BoezaartV015)
<https://vimeo.com/223032879/077e203d4a>
- bb. Musculocutaneous Nerve (BoezaartV016)
<https://vimeo.com/223035170/8207b6bfc4>
- cc. Nerve to Levator Scapulae (BoezaartV017)
<https://vimeo.com/223035517/b9719ea375>
- dd. Radial Nerve in the Axilla (BoezaartV019)
<https://vimeo.com/223035708/affff802c4>
- ee. Suprascapular Nerve (BoezaartV020)
<https://vimeo.com/223035877/4bd2b1b4f5>
- ff. Ulnar Nerve in the Axilla (BoezaartV021)
<https://vimeo.com/223036200/f7febd35ff>
- gg. Common Peroneal nerve at the Knee (BoezaartV022)
<https://vimeo.com/223036412/411d03841a>
- hh. Femoral Nerve (BoezaartV023)
<https://vimeo.com/223036665/7046c627e6>
- ii. Nerve to Sartorius (BoezaartV024)
<https://vimeo.com/223036786/2bcc6fcc8f>
- jj. Posterior Tibial Nerve at the ankle (BoezaartV025)
<https://vimeo.com/223036951/ccf3d9e3c7>
- kk. Sciatic Nerve in the Subgluteal area (BoezaartV026)
<https://vimeo.com/223037141/4f864da155>
- ll. Tibial Nerve in the Popliteal Fossa (BoezaartV028)
<https://vimeo.com/223037332/76860f0538>

8. Connecting the Neural Network Series

- mm. One-pass IV Placement (Le-WendlingV001)
<https://vimeo.com/223037572/e8bc6bc93e>

MENTORSHIP

• Patrick T Tighe, MD, MS

- Official Departmental mentorship
- Career Award 1-K23-GM-102697-01 (official mentor)
- Anesthetic Patient Safety Foundation (APSF) Developmental Award (official mentor)

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- Dr. Patrick Tighe took over the Section Editorship of Acute and Peri-operative Pain Medicine section of Pain Medicine from A P Boezaart.
- Dr. Tighe has been promoted to Associate Professor with Tenure during 2016/7

- **Linda Le-Wendling, MD**
 - Official Departmental mentorship
 - Fellowship Director APPM Division

- **Barys Ihnatsenka, MD**
 - Official Departmental mentorship
 - Dr. Barys Ignatsenka is leading the simulator training initiative.
 - Dr. Barys Ihnatsenka has been promoted to Associate Professor 2017

- **Allison Haller, MD**
 - Official Departmental mentorship
- **Nabil M Elkassabany MD**

Assistant Professor
Department of Anesthesiology and Critical Care
Director; Section of Orthopedic Anesthesiology
University of Pennsylvania
Philadelphia, PA 19104
- **Retief, Francois.**

Consultant
Department of Anesthesiology and Critical Care
University of Stellenbosch
South Africa
- **David Edwards MD, PhD**

Harvard Medical School
- **John Edwards MD**

Galesburg, Illinois
- **Yury Zasimovich, MD**
 - Official Departmental mentorship
 - Research mentorship
 - Dr. Yury Zasimovich has been promoted to Director of APPM.

- **Steven Vose MD**
 - Official Departmental mentorship
 - Dr. Steve Vose is now the Associate Fellowship Director to assist Dr. Linda Le-Wendling.
 - Mentored into Director of Cancer and Palliative Pain Collaborative with Dr. Ajay Antony

- **Olga (Kiki) Nin, MD**
 - Official Departmental mentorship
 - Research mentorship
 - Dr. Kiki Nin is now the Medical Director of the FSC as well as residency educator leader in the APPM division.
- **Natalia Pawlovich, MD**
 - Research and fellowship mentorship
- **Steven Sheehan, MD, Suvicram Puri, MD, Rene Larrieu, MD, Jennefer Mallek, MD, Keith Thompson, MD**
 - Fellowship mentorship
- **Richa Wardhan, MD**
 - Dr. Richa Wardhan is heading the Subgroup Leader for Musculoskeletal Acute and Chronic Pain with Dr. Ajay Antony for the MS4 Musculoskeletal Education Initiative of the United States Bone and Joint Initiative.
- **Dr. Don Bohannon, MD**
 - Dr. Don Bohannon (although not junior) is heading the Patient and Family Centered Care (PFCC) initiative as well as the Early Discharge After Surgery (ERAS) Initiative, the Opioid-free total joint arthroplasty Initiative, the Home-Care Continuous Nerve Block Initiative and the Operating Room Efficiency Initiative with **Boezaart AP, MD**.
 - Mentored through one textbook chapter and co-authorship of an entire textbook.
- **Drs. Tighe, Ihnatsenka and Vose** have all been mentored to disclose inventions to the Office of Technology and Licensing and 3 projects now have the status of Patent Pending. The project I did with Dr. Vose was successfully used by the Bio-engineering Department as a PhD project.
- **Ashley Screws, MD, Phillip Mills, MD, Wesley Glick, MD, David Simpson, MD and Cameron Smith, MD, PhD.** Mentored through their fellowships, which they completed successfully.
- **Cameron Smith, MD, PhD**
 - Dr. Smith is publishing and conducting several research projects.
- **Brandon Beck, MD; Danielle Cobb, MD; Erik Helander, MD; Carolyn Whitman, Brendan Inouye, MD.** Mentored through their fellowships, which they completed successfully.

CONTRACTS AND FUNDING GRANTS

Externally Funded

Name of Funding Agency:	Stryker Instruments
Title of Grant:	Gator Regional Anesthesia Program
Role of Nominee:	Principal Investigator

Effective Dates: 2007-2008
Direct Costs: \$44,000
Indirect Costs: \$0
Total Award: \$44,000

Name of Funding Agency: Cervical Spine Research Society
Title of Grant: Dysphagia Following Anterior Cervical
Arthrodesis is Associated with Continuous
Strong Retraction of the Esophagus

Role of Nominee: Co-investigator
Effective Dates: 2007-2008
Direct Costs: \$29,958
Indirect Costs: \$0
Total Award: \$29,958

Name of Funding Agency: Stryker Instruments
Title of Grant: Needle Tip Exposure and the Case of
Stimulating Perineural Catheter Placement

Role of Nominee: Principal Investigator
Effective Dates: 2007-2008
Direct Costs: \$50,000
Indirect Costs: \$0
Total Award: \$50,000

Name of Funding Agency: Arrow International
Title of Grant: Understanding Nerve Blocks: A guide for
Patients and Non-anesthesiologist Physicians

Role of Nominee: Principal Investigator
Effective Dates: 2006-2007
Direct Costs: \$18,000
Indirect Costs: \$0
Total Award: \$18,000

Name of Funding Agency: Stryker Instruments
Title of Grant: Orthopaedic Anesthesia: All the Blocks—A
DVD

Role of Nominee: Principal Investigator
Effective Dates: 2006-2007
Direct Costs: \$15,000
Indirect Costs: \$0
Total Award: \$15,000

Name of Funding Agency: Arrow International

Title of Grant: Postoperative Pain Following Rotator Cuff
Surgery: Continuous Subacromial Infiltration
with Local Anesthetic Agent versus Continuous
Brachial Plexus Block

Role of Nominee: Principal Investigator

Effective Dates: 2006-2007

Direct Costs: \$108,000

Indirect Costs: \$0

Total Award: \$108,000

Name of Funding Agency: Arrow International

Title of Grant: RASCI Educational Grant

Role of Nominee: Principal Investigator

Effective Dates: 2005-2006

Direct Costs: \$28,000

Indirect Costs: \$0

Total Award: \$28,000

Name of Funding Agency: Arrow International

Title of Grant: RASCI Educational Grant

Role of Nominee: Principal Investigator

Effective Dates: 2004-2005

Direct Costs: \$50,000

Indirect Costs: \$0

Total Award: \$50,000

Name of Funding Agency: Arrow International

Title of Grant: The Use of Buprenorphine for Pure Sensory
Peripheral Nerve Block

Role of Nominee: Principal Investigator

Effective Dates: 2003-2004

Direct Costs: \$19,000

Indirect Costs: \$0

Total Award: \$19,000

Name of Funding Agency: Arrow International

Title of Grant: Regional Anesthesia Study Center of Iowa:
Annual Teaching Grant

Role of Nominee: Principal Investigator

Effective Dates: 2002-2007

Direct Costs: \$150,000 (\$30,000 annually for 5 years)

Indirect Costs: \$0

Total Award: \$150,000

Name of Funding Agency: Arrow International
Title of Grant: RASCI Educational Grant
Role of Nominee: Principal Investigator
Effective Dates: 2002-2003
Direct Costs: \$104,000
Indirect Costs: \$0
Total Award: \$104,000

Name of Funding Agency: Harry Crossley Fund-University of Stellenbosch, South Africa
Title of Grant: Effect of cerebrospinal fluid loss and epidural blood patch on cerebral blood flow in swine
Role of Nominee: Principal Investigator
Effective Dates: 2001-2002
Direct Costs: \$27,456
Indirect Costs: \$0
Total Award: \$27,456

b.

Name of Funding Agency: Joint Cancer Center Funding
Title of Grant: Predicting chronic post-thoracotomy pain among patients with lung cancer
Role of Nominee: Investigator
Direct Costs: \$220,929
Indirect Costs: \$0
Total Award: \$220,929

Name of Funding Agency: Arrow International
Title of Grant: Preceptorship
Role of Nominee: Principal Investigator
Effective Dates: 2009-2010
Direct Costs: \$8,000 per month x 12 months
Indirect Costs: \$0
Total Award: \$96,000

Name of Funding Agency: Stryker Instruments
Title of Grant: A New Device to Make One-Handed Placement Continuous Nerve Block Catheter Possible
Role of Nominee: Principal Investigator
Effective Dates: 2008-2009
Direct Costs: \$100,000

Indirect Costs:	\$0
Total Award:	\$100,000

Name of Funding Agency:	Arrow International
Title of Grant:	A New Device for Identifying and Cannulation of Epidural Space
Role of Nominee:	Principal Investigator
Effective Dates:	2008-2009
Direct Costs:	\$80,000
Indirect Costs:	\$0
Total Award:	\$80,000

d. Submitted but not yet funded – None

SPORT AND HOBBIES

- **Tennis:** Super League level (Recreational currently)
- **Golf:** Scratch Level (Currently high single figure handicap level)
Caddy Professional golf tournament
- **Squash:** First League Level (Inactive currently)
- **Swimming:** School Interprovincial level (Currently recreational)
- **Cricket:** School 1st Team Level (Inactive currently)
- **Hunting:** USA – Recreational level (Bow-hunting and Rifle-hunting)
- **Hunting:** Africa – Professional level (Bow-hunting and Rifle-hunting) (South African Professional Hunter's license number: CPM-004-00410 Limpopo)
- **Hiking:** Backpacking in pristine wildlife (Big 5) areas.
- **Archery:** Senior compound Field Archery
- **Showjumping:** Adult C-grade level (Inactive currently) Also Dressage, General Equitation and Western Riding
- **Photography:** Keen to high level amateur level Nature and Wildlife Photography
- **Music:** Keen to high level amateur level Guitar, Bass Guitar and Drumming
- **Flying:** Advanced private fixed wing pilot level (1977 – 1992)
- **Kayaking:** River running – especially African wildlife kayak safaris

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- **Publishing** Co-owner of two publishing companies: **RAEducation.com LLC**
Publications – Publication of Medical and Surgical Textbooks (see for example:
https://www.amazon.com/s?k=johan+P+Reyneke&ref=nb_sb_noss_2 and
https://www.amazon.com/s?k=A+P+Boezaart&ref=nb_sb_noss
Milkwood Publishers – Publication of Photography books (See for example:
https://www.amazon.com/Nature-As-Happens-African-Wildlife/dp/1733812466/ref=sr_1_1?keywords=%22Johan+J+Botha%22&qid=1570711820&sr=8-1 and https://www.amazon.com/Nature-Happens-African-Wildlife-Birds/dp/1733812431/ref=sr_1_2?keywords=Johan+J+Botha&qid=1570711863&sr=8-2