

CURRICULUM VITAE

NAME: John Clayton Crantford, M.D.

EDUCATION:

UNDERGRADUATE:

2002-2006 University of South Carolina, Honors College
Columbia, South Carolina
B.S. (Mathematics) with Honors
Magna Cum Laude

GRADUATE:

2006 – 2010 Medical University of South Carolina
College of Medicine
Charleston, South Carolina
M.D.

POSTDOCTORAL TRAINING:

2010 – 2015 Resident, Integrated Residency Program
Plastic and Reconstructive Surgery
Wake Forest Baptist Health
Winston-Salem, North Carolina

2015 – 2016 Chief Resident, Integrated Residency Program
Plastic and Reconstructive Surgery
Wake Forest Baptist Health
Winston-Salem, North Carolina

2016 – 2017 Aesthetic Surgery Fellow, ASAPS Registered Fellowship
Hunstad Kortesis Plastic Surgery + MedSpa
Charlotte, North Carolina

PROFESSIONAL LICENSURE:

2010 – 2016 North Carolina Medical Resident Training License
2016 – Present North Carolina Full Medical License, No. 2016-00444
2016 – Present Federal DEA# FC5861667
2017 – Present South Carolina Full Medical License, No. MD40540

PROFESSIONAL MEMBERSHIPS AND INSTITUTIONAL SERVICE:

2012 – 2016 Graduate Medical Education Committee – Wake Forest Baptist Health
2012 – 2016 Resident Quality Improvement Council – Wake Forest Baptist Health
2012 – 2016 American Society of Plastic Surgeons Residents/Fellows Forum
2012 – 2017 American Society for Aesthetic Plastic Surgery Residents/Fellows Forum
2009 – Present Alpha Omega Alpha
2006 – 2010 American Medical Association

J. Clayton Crantford, M.D.
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2006 – 2010 South Carolina Medical Association
2006 – Present Phi Beta Kappa
2002 – Present Kappa Alpha Order

ADDITIONAL TRAINING AND CONTINUING EDUCATION:

2016 Advanced Cardiac Life Support (ACLS), Basic Life Support (BLS) Re-Certification
2016 Wake Forest Plastic Surgery, Hopital Baptiste Bibique – Togo, West Africa
2014 AO North America Course: Maxillofacial Reconstruction – A Focus on Ballistic Injury Management – New Orleans, LA
2012 Partners of America, Pediatric Burn Center, Viedma Hospital – Cochabamba, Bolivia
2012 AO North America Course: Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction – Nashville, TN
2012 Microsurgical Techniques, Wake Forest Baptist Health – Winston Salem, NC

HONORS AND AWARDS:

2018 Finalist Best of Charleston: Plastic Surgeon
2017 RealSelf Top Doctor
2014 Georgiade Award, NC Society of Plastic Surgeons Annual Meeting
2011 First Place Poster Presentation, Southeastern Society of Plastic and Reconstructive Surgeons Annual Meeting
2009 Alpha Omega Alpha, MUSC College of Medicine
2009 Rich Scholarship, MUSC College of Medicine
2008 Rich Scholarship, MUSC College of Medicine
2007 Neuroscience Outstanding Achievement Award, MUSC College of Medicine
2006 Phi Beta Kappa, University of South Carolina
2002 Pi Mu Epsilon (Mathematics Honor Society), University of South Carolina

BIBLIOGRAPHY:

JOURNAL ARTICLES/BOOK CHAPTER:

Walker NJ, **Crantford JC**, Rudolph MA, David LR. Outcomes Analysis of Chief Cosmetic Clinic Over 13 Years. *Ann Plast Surg*. 2018 Jun;(6):600-606.

Hunstad JP, Daniels MA, **Crantford JC**. Autologous Flap Gluteal Augmentation: Purse-String Technique. *Clin Plast Surg*. 2018 Apr;45(2):261-267.

Hunstad JP, Godek CP, Van Natta BW, Kortesis BG, Bharti G, **Crantford JC**, Daniels MA, Andrew MS. A Multicenter, Prospective, Randomized, Contralateral Study of Tissue Liquefaction Liposuction Versus Suction-Assisted Liposuction. *Aesthet Surg J*. 2018 Jan. [Epub ahead of print].

Reynolds M, Kelly DA, Walker NJ, **Crantford C**, Defranzo AJ. Use of Integra in the Management of Complex Hand Wounds From Cancer Resection and Nonburn Trauma. *Hand*. 2017 Feb;13(1):74-79.

Crantford JC, Tannan SC, Constantian MB. Technique for Ethnic Rhinoplasty by the Closed Technique. In: *Plastic Surgery Indications and Techniques*. Submitted.

Hunstad JP, Bharti G, **Crantford JC**. Commentary on: “Gluteal Augmentation with Silicone Implants: A New Proposal for Intramuscular Dissection”. *Aesthetic Plast Surg*. 2017 Oct;41(5):1146-1147.

Branch LG, **Crantford C**, Cunningham T, Bharti G, Thompson J, Couture D, David LR. Long-Term Outcomes of Pediatric Cranial Reconstruction Using Resorbable Plating Systems for the Treatment of Craniosynostosis. *J Craniofac Surg*. 2017 Jan;28(1):26-29.

Branch L, **Crantford JC**, Thompson J, Tannan SC. Pediatric Lower Extremity Lawn Mower Injuries and Reconstruction: Retrospective 10-Year Review at a Level One Trauma Center. *Ann Plast Surg.* 2017 Nov;79(5):490-494.

Allred LJ, **Crantford JC**, Reynolds MF, David LR. Analysis of Pediatric Maxillofacial Fractures Requiring Operative Treatment: Characteristics, Management, and Outcomes. *J Craniofac Surg.* 2015 Nov;26(8):2368-74.

Satteson ES, **Crantford JC**, Wood J, David LR. Outcomes of vacuum-assisted therapy in the treatment of head and neck wounds. *J Craniofac Surg.* 2015 Oct;26(7):e599-602.

Crantford JC, Wood BC, Claiborne JR, Ririe DG, Couture DE, Thompson JT, David LR. Evaluating the safety and efficacy of tranexamic acid administration in pediatric cranial vault reconstruction. Submitted to *J Craniofac Surg.* 2015 Jan;26(1):104-7.

Pestana IA, **Crantford JC**, Zenn MR. Correlation between abdominal perforator vessels identified with preoperative computed tomography angiography and intraoperative fluorescent angiography in the microsurgical breast reconstruction patient. *J Reconstr Microsurg.* 2014 May 6. (Epub ahead of print)

Kelly DA, Reynolds M, **Crantford C**, Pestana IA. Impact of intraoperative vasopressor use in free tissue transfer for head, neck, and extremity reconstruction. *Ann Plast Surg.* 2014;72(6):S135-8.

Showalter BM, **Crantford JC**, Russel GB, Marks MW, Defranzo AJ, Thompson Jt, Pestana IA, David LR. The effect of reusable versus disposable draping material on infection rates in implant-based breast reconstruction: a prospective randomized trial. *Ann Plast Surg.* 2014;72(6):S165-9.

Couture DE, **Crantford JC**, Somasundaram A, Sanger C, Argenta AE, David LR. Efficacy of passive helmet therapy for deformational plagiocephaly: report of 1050 cases. *Neurosurg Focus.* 2013;35(4):E4.

Claiborne JR, **Crantford JC**, Swett KR, David LR. The plastic surgery match: predicting success and improving the process. *Ann Plast Surg.* 2013 Jun;70(6):698-703.

Kelly DA, Reynolds M, **Crantford C**, Pestana IA. Impact of intraoperative vasopressor use in free tissue transfer for head, neck, and extremity reconstruction. *J Am Coll Surg.* 2013;217(3):S85-S86.

Kelly DA, Wood BC, Knoll GM, Chang SC, **Crantford JC**, Bharti GD, Levine EA, Thompson JT. Outcome analysis of 541 women undergoing breast conservation therapy. *Ann Plast Surg.* 2012 May;68(5):435-7.

Lester ME, Hagerty RC, **Crantford JC**. Design and Management of the Anterior Hairline Temporal Incision and Skin Take Out in the Vertical Facelift and Lateral Brow Lift Procedures. In: Erian A, Shiffman eds. *Advanced Surgical Facial Rejuvenation: Art and Clinical Practice.* Springer Berlin Heidelberg, 2012;363-370.

PRESENTATIONS:

Crantford JC, Daniels MA, Bharti G, Kortesis BK, Hunstad JP. Tissue Liquefaction Liposuction Gluteal Augmentation: A New Technique for Sculpting, Harvesting and Transferring Fat. 60th Annual Scientific Meeting of Southeastern Society for Plastic and Reconstructive Surgeons. June 11-15 2017. Sea Island, Georgia.

Daniels MA, **Crantford JC**, Bharti G, Kortesis BK, Hunstad JP. Tissue Liquefaction Liposuction Gluteal Augmentation: A New Technique for Sculpting, Harvesting and Transferring Fat. The Aesthetic Meeting 2017. San Diego, CA. April 29, 2017.

Crantford JC, Daniels MA, Bharti G, Kortesis BK, Hunstad JP. Suction Brachioplasty: Four Position, Four Entry Site Technique. The Aesthetic Meeting 2017. San Diego, CA. April 29, 2017.

Crantford JC, Bharti G. Sculpting the Buttocks: Fat Grafting. Global Conference on Medical Cosmetology and Trichology. Dubai, United Arab Emirates. March 2017.

Crantford JC, Bharti G. Hydrasolve Gluteoplasty. Global Conference on Medical Cosmetology and Trichology. Dubai, United Arab Emirates. March 2017.

Branch L, **Crantford JC**, Thompson J, Tannan SC. Pediatric Lower Extremity Lawn Mower Injuries and Reconstruction: Retrospective 10-Year Review at a Level One Trauma Center. North Carolina Society of Plastic Surgeons Annual Meeting. November 10-13, 2016. Charleston, SC

Allred LJ, **Crantford JC**, David LR. A Comparison of Plastic Surgery Residents' Interests in Academic Versus Private Practice Before and After Residency. Plastic Surgery The Meeting. October 16-20, 2015. Boston, MA

Crantford JC, Rebowe R, Pestana IA. Autologous Breast Reconstruction Implant Augmentation (A.B.R.I.A.): Indications and Outcomes. Plastic Surgery The Meeting. October 16-20, 2015. Boston, MA

Crantford JC, Wood BC, Claiborne JR, David LR, Marks MW. Outcomes Analysis of a Resident Aesthetic Clinic: A 12-Year Review. North Carolina Society of Plastic Surgeons Annual Meeting. October 1-4, 2015. Hot Springs, VA

Crantford JC, Rebowe R, Pestana IA. Autologous Breast Reconstruction Implant Augmentation (A.B.R.I.A.): Indications and Outcomes. 58th Annual Scientific Meeting of the Southeastern Society of Plastic Surgeons. June 8, 2015. Amelia Island, Florida

Crantford JC, Rebowe R, Pestana IA. Autologous Breast Reconstruction Implant Augmentation (A.B.R.I.A.): Indications and Outcomes. ASPS Aesthetica 2015 Super Symposium. April 30 – May 2, 2015. Las Vegas, Nevada

Crantford JC, Rebowe R, Bond A, Pestana IA. Autologous Breast Reconstruction Implant Augmentation (A.B.R.I.A.): Indications and Outcomes. 22nd Annual Division of Surgical Sciences Resident's and Fellow's Research Day. November 20, 2014. Winston Salem, North Carolina

Claiborne JR, **Crantford JC**, David LR. The Plastic Surgery Independent and Integrated Match: A Critical Review of the Process. North Carolina Society of Plastic Surgeons Annual Meeting. October 19, 2014. Asheville, NC

Crantford JC, Rebowe R, Pestana IA. Autologous Breast Reconstruction Implant Augmentation (A.B.R.I.A.): Indications and Outcomes. 22nd Biennial Congress of the International Society of Aesthetic Plastic Surgery. September 19-22, 2014. Rio de Janeiro, Brazil (Accepted for presentation)

Crantford JC, Reynolds MF, Pestana IA. Fluorescent Angiography and Breast Reconstruction: Does it Make a Difference? 57th Annual Scientific Meeting of the Southeastern Society of Plastic and Reconstructive Surgeons. June 8-12, 2014. Atlantis, Bahamas

Crantford JC, Wood BC, Thompson JT, David LR, Marks MW. Outcomes Analysis of a Resident Aesthetic Clinic: A 12-Year Review. 57th Annual Scientific Meeting of the Southeastern Society of Plastic and Reconstructive Surgeons. June 8-12, 2014. Atlantis, Bahamas

Kelly DA, **Crantford C**, Defranzo AJ. Use of Integra in the Management of Complex Hand Wounds from Cancer Resection and Non-Burn Trauma. 57th Annual Scientific Meeting of the Southeastern Society of Plastic and Reconstructive Surgeons. June 8-12, 2014. Atlantis, Bahamas

Crantford JC, Reynolds MF, Pestana IA. Fluorescent Angiography and Breast Reconstruction: Does it Make a Difference? iSpies SUMMIT. June 6-8, 2014. Las Vegas, Nevada

Pestana IA, **Crantford JC**, Zenn MR. Correlation between abdominal perforator vessels identified with preoperative computed tomography angiography and intraoperative fluorescent angiography in the microsurgical breast reconstruction patient. iSpies SUMMIT. June 6-8, 2014. Las Vegas, Nevada

Crantford JC. Perioperative Practices: Myths, Rituals or Evidence-Based Medicine? Department of Plastic and Reconstructive Surgery Grand Rounds, Wake Forest Baptist Health. May 7, 2014. Winston Salem, NC

Kelly DA, **Crantford C**, Defranzo AJ. Use of Integra in the Management of Complex Hand Wounds from Cancer Resection and Non-Burn Trauma. Symposium on Advanced Wound Care/Wound Healing Society's 26th Annual Meeting. April 23, 2014. Orlando, Florida

Couture DE, **Crantford JC**, Somasundaram A, Sanger C, Argenta AE, David LR. Efficacy of passive helmet therapy for deformational plagiocephaly: report of 1050 cases. 42nd Annual Meeting of the AANS/CNS Section on Pediatric Neurological Surgery. December 3-6, 2013. Toronto, Canada

Crantford JC, Reynolds MF, Pestana IA. Fluorescent Angiography and Breast Reconstruction: Does it Make a Difference? The 21th Annual Division of Surgical Sciences Resident's and Fellow's Research Day. November 7, 2013. Winston Salem, North Carolina

Kelly DA, Reynolds M, **Crantford C**, Defranzo AJ. Use of Integra in the Management of Complex Hand Wounds from Cancer Resection and Non-Burn Trauma. The 21th Annual Division of Surgical Sciences Resident's and Fellow's Research Day. November 7, 2013. Winston Salem, North Carolina

Crantford JC, Wood BC, Claiborne JR, Ririe DG, Couture DE, Thompson JT, David LR. Evaluating the safety and efficacy of tranexamic acid administration in pediatric cranial vault reconstruction. 59th Clinical Meeting of the Frederick A. Collier Surgical Society. October 18, 2013. Ann Arbor, Michigan

Kelly DA, **Crantford C**, Reynolds M, Pestana I. Impact of Intraoperative Vasopressor Use in Free Tissue Transfer for Head, Neck, and Extremity Reconstruction. 100th Annual American College of Surgeons Clinical Congress. October 6-10, 2013. Washington, DC

Showalter BM, **Crantford JC**, Russel GB, Marks MW, Defranzo AJ, Thompson Jt, Pestana IA, David LR. The effect of reusable versus disposable draping material on infection rates in implant-based breast reconstruction: a prospective randomized trial. American Society of Plastic Surgeons Annual Meeting, Senior Resident Abstract Session. October 12, 2013. San Diego, California

Kelly DA, **Crantford C**, Reynolds M, Pestana I. Impact of Intraoperative Vasopressor Use in Free Tissue Transfer for Head, Neck, and Extremity Reconstruction. American Society of Plastic Surgeons Annual Meeting, Senior Resident Abstract Session. October 12, 2013. San Diego, California

Kelly DA, **Crantford C**, Reynolds M, Defranzo AJ. Use of Integra in the Management of Complex Hand Wounds from Cancer Resection and Non-Burn Trauma. North Carolina Society of Plastic Surgeons Annual Meeting, October 3-6, 2013. Kiawah Island, South Carolina

Crantford JC, Wood BC, Claiborne JR, Ririe DG, Couture DE, Thompson JT, David LR. Evaluating the safety and efficacy of tranexamic acid administration in pediatric cranial vault reconstruction. International Society for Craniofacial Surgery 15th Congress. September 13, 2013. Jackson Hole, Wyoming

Kelly DA, **Crantford C**, Reynolds M, Thompson J, Pestana I. Impact of Intraoperative Vasopressor Use in Free Tissue Transfer for Head, Neck, and Extremity Reconstruction. 56th Annual Scientific Meeting of the Southeastern Society of Plastic and Reconstructive Surgeons. June 1-5, 2013. Bonita Springs, Florida

Showalter BM, **Crantford JC**, Russel GB, Marks MW, Defranzo AJ, Thompson Jt, Pestana IA, David LR. The effect of reusable versus disposable draping material on infection rates in implant-based breast reconstruction: a prospective randomized trial. 56th Annual Scientific Meeting of the Southeastern Society of Plastic and Reconstructive Surgeons. June 1-5, 2013. Bonita Springs, Florida

Crantford JC. Lower Extremity Trauma: Redefining the Reconstructive Ladder. Department of Plastic and Reconstructive Surgery Grand Rounds, Wake Forest Baptist Health. May 22, 2013. Winston Salem, NC

Crantford JC, Wood BC, Claiborne JR, Ririe DG, Couture DE, Thompson JT, David LR. Evaluating the safety and efficacy of tranexamic acid administration in pediatric cranial vault reconstruction. 12th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies. May 5-10, 2013. Lake Buena Vista, Florida

Crantford JC, Wood BC, Claiborne JR, Ririe DG, Couture DE, Thompson JT, David LR. Evaluating the safety and efficacy of tranexamic acid administration in pediatric cranial vault reconstruction. The 20th Annual Division of Surgical Sciences Resident's and Fellow's Research Day. November 15, 2012. Winston Salem, North Carolina

Kelly DA, **Crantford C**, Reynolds M, Thompson J, Pestana I. Impact of Intraoperative Vasopressor Use in Free Tissue Transfer for Head, Neck, and Extremity Reconstruction. The 20th Annual Division of Surgical Sciences Resident's and Fellow's Research Day. November 15, 2012. Winston Salem, North Carolina

Showalter BM, **Crantford JC**, Russel GB, Marks MW, Defranzo AJ, Thompson Jt, Pestana IA, David LR. The effect of reusable versus disposable draping material on infection rates in implant-based breast reconstruction: a prospective randomized trial. The 20th Annual Division of Surgical Sciences Resident's and Fellow's Research Day. November 15, 2012. Winston Salem, North Carolina

Claiborne JR, **Crantford JC**, David LR. The Plastic Surgery Match: Predicting Success and Improving the Process. The 20th Annual Division of Surgical Sciences Resident's and Fellow's Research Day. November 15, 2012. Winston Salem, North Carolina

Reynolds MF, **Crantford JC**, Forsberg C, Brown D, David LR. Pediatric Facial Fractures. The 20th Annual Division of Surgical Sciences Resident's and Fellow's Research Day. November 15, 2012. Winston Salem, North Carolina

Showalter BM, **Crantford JC**, Russel GB, Marks MW, Defranzo AJ, Thompson Jt, Pestana IA, David LR. The effect of reusable versus disposable draping material on infection rates in implant-based breast reconstruction: a prospective randomized trial. North Carolina Society of Plastic Surgeons Annual Meeting, October 4-7, 2012. White Sulphur Springs, West Virginia

Crantford JC. Mesh Salvage In Abdominal Wall Reconstruction. Department of Surgery Grand Rounds. Wake Forest Baptist Health, September 20, 2012. Winston Salem, NC

Crantford JC. Vascular Anomalies. Department of Vascular and Endovascular Surgery Grand Rounds, Wake Forest Baptist Health. July 22, 2012. Winston Salem, NC

Bharti GD, Campbell D, **Crantford JC**, Worthen ML, Pestana IA, Thompson JT. Factors Affecting Complications in Radiated Breast Reconstruction. 55th Annual Scientific Meeting of the Southeastern Society of Plastic and Reconstructive Surgeons. June 6, 2012. Amelia Island, Florida

Crantford C, Bharti G, Kelly DA, Argenta L, Thompson J, David L. Ten Year Experience of Pediatric Cranial Reconstruction Using Resorbable Plating Systems for Treatment of Craniosynostosis. 69th Annual Meeting of the American Cleft Palate-Craniofacial Association. April 17-21, 2012. San Jose, California

Crantford C, Bharti G, Kelly DA, Argenta L, Thompson J, David L. Ten Year Experience of Pediatric Cranial Reconstruction Using Resorbable Plating Systems for Treatment of Craniosynostosis. The 19th Annual Division of Surgical Sciences Resident's and Fellow's Research Day. November 17, 2011. Winston Salem, North Carolina

Wood BC, **Crantford JC**, Purzycki AR, Wood JW, Covitz W, McLean TW, Thompson JT, Argenta LC, David LR. Use of Beta Blocker Therapy in the Management of Complicated Hemangiomas. The 19th Annual Division of Surgical Sciences Resident's and Fellow's Research Day. November 17, 2011. Winston Salem, North Carolina

Kelly D, Wood B, Knoll G, **Crantford C**, Thompson J. Outcome Analysis of 814 Women Undergoing Breast Conservation Therapy. 54th Annual Scientific Meeting of the Southeastern Society of Plastic and Reconstructive Surgeons. June 4-8, 2011. Naples, Florida. First Place Winner

Kelly D, Wood B, Knoll G, **Crantford C**, Thompson J. Outcome Analysis of 814 Women Undergoing Breast Conservation Therapy. The 18th Annual Division of Surgical Sciences Resident's and Fellow's Research Day. November 18, 2010. Winston Salem, North Carolina

Showalter BM, **Crantford JC**, Russel GB, Marks MW, Defranzo AJ, Thompson Jt, Pestana IA, David LR. The effect of reusable versus disposable draping material on infection rates in implant-based breast reconstruction: a

prospective randomized trial. The 18th Annual Division of Surgical Sciences Resident's and Fellow's Research Day.
November 18, 2010. Winston Salem, North Carolina

REFERENCES: Available upon request.