**CURRICULUM VITAE**

**FOR**

**CLEVELAND CLINIC LERNER COLLEGE OF MEDICINE**

**May 13, 2023**

**PERSONAL INFORMATION**

Name; last, first middle Beffa, Lucas R.A.

Credentials; MD, PhD, etc. MD, FACS

Institution / Institute Cleveland Clinic, Digestive Disease & Surgery Institute

Department Hernia Surgery

Office Address & Mail Code 9500 Euclid Ave, Cleveland, OH 44195

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Home Address 5455 Stone Creek Dr, Solon, OH 44139

**EDUCATION & TRAINING**

**Education**

School & City, State / Country University of Missouri, Columbia, MO

Degree BS, Biological Sciences

Start-End Dates 08/2003 – 05/2007

School & City, State / Country University of Missouri, Columbia, MO

Degree MD

Start-End Dates 08/2007 – 05/2011

**Post-Graduate Training**

Institution & City, State / Country University of Missouri Hospital and Clinics, Columbia, MO

Position Resident, General Surgery

Start-End Dates 07/2011 - 06/2016

Institution & City, State / Country University of Missouri Hospital and Clinics, Columbia, MO

Position Chief Resident, General Surgery

Start-End Dates 07/2015 - 06/2016

Institution & City, State / Country Greenville Health System, Greenville, SC

Position Fellow, Miminal Access and Bariatric Surgery

Start-End Dates 08/2016 - 07/2017

**PROFESSIONAL APPOINTMENTS**

Position Staff

Institution / Institute Cleveland Clinic, Digestive Disease & Surgery Institute

Department Hernia Surgery

Start-End Dates 07/2021 - Present

Position Medical Director

Institution & Institute Care New England Hernia Center, Kent Hospital

Department Surgical Services

City, State / Country Warwick, RI

Start-End Dates 09/2017 – 06/2021

Position Staff

Institution & Institute Kent Hosptial, Care New England

Department Surgical Services

City, State / Country Warwick, RI

Start-End Dates 09/2017 – 06/2021

**ACADEMIC APPOINTMENTS**

Rank, Department Clinical Assistant Professor, Medical Sciences

Institution & City, State / Country Warren Alpert Medical School, Brown University, Providence, RI

Start-End Dates 05/2018 – 06/2021

**CERTIFICATION & LICENSURE**

**Certification**

Name of Board American Board of Surgery

Certificate Number 061974

Date Issued & Expires 10/25/2016 – 12/31/2027

**Licensure**

Name of State Medical Board Rhode Island

License Number MD15918

Date Issued & Expires 05/25/2017

Name of State Medical Board Ohio

License Number 35.141868

Date Issued & Expires 04/02/2021 – 04/02/2023

**MEMBERSHIP IN PROFESSIONAL SOCIETIES**

Name of Society Society American Gastrointestinal and Endoscopic Surgeons

Role / Title Member

Start-End Dates 2014 - Present

Name of Society Association of Academic Surgeons

Role / Title Member

Start-End Dates 2015-2016

Name of Society American Society of Metabolic and Bariatric Surgery

Role / Title Member

Start-End Dates 2015 -2017

Name of Society Americas Hernia Society

Role / Title Member

Start-End Dates 2015 - Present

Name of Society American College of Surgeons

Role / Title Fellow

Start-End Dates 2017 - Present

Name of Society Central Surgical Association

Role / Title Active Member

Sart-End Dates 2022 - Present

**COMMITTEE SERVICE**

**Kent Hospital**

Committee Name / Role Value Analysis Committee, Voting Member

Start-End Dates 2017- 2021

Committee Name / Role Surgical Site Infection Committee, Member

Start-End Dates 2018- 2021

Committee Name / Role Enhanced Recovery After Surgery Committee, Chair

Start-End Dates 2018- 2021

Committee Name / Role Care New England Robotic Surgery Committee, Chair

Start-End Dates 2020 - 2021

Committee Name / Role ACHQC Data Use and Publications Committee

Start-End Dates 2022 - Present

Committee Name / Role ACHQC QI Committee

Start-End Dates 2023 - Present

**HONORS & AWARDS**

Michael DeBakey Scholar in Cardiothoracic Surgery, University of Missouri School of Medicine, 05/2011

Marion S. Deweese Excellence in Surgery, University of Missouri Deparment of General Surgery, 05/2011

Outstanding Resident Educator Award, University of Missouri Department of General Surgery, 06/2013

Most Outstanding Resident Award, University of Missouri Department of General Surgery, 06/2015

Outstanding Resident Educator Award, University of Missouri Department of General Surgery, 06/2015

Outstanding Resident Educator Award, University of Missouri Department of General Surgery, 06/2016

Administrative Chief Resident for Surgery, University of Missouri Department of General Surgery, 07/2016

Rhode Island Top Docs, 2018-2021

**TEACHING ACTIVITIES**

**Grand Rounds**

**Regional / Midwest**

1. “Abdominal Wall Reconstruction”, University of Missouri Department of Surgery, 05/2016
2. “Abdominal Wall Reconstruction at CNE Hernia Center: Is Mesh Really Bad?”, Kent Hospital Staff/Residents, 03/2019
3. “GERD: An update on medical and surgical therapies”, Kent Hospital Staff/Residents, 04/2021

**Other Presentations**

**International**

1. “Robotic Abdominal Wall Reconstruction: Advanced Techniques”, Arab Health Surgery Conference, UAE, 2022

**National**

1. “Intussusception following Laparoscopic Roux-en Y Gastric Bypass”, SAGES, 2014
2. “Mesh Reinforcement of Fascial Defect at time of Ostomy Closure”, Americas Hernia Society, 2017
3. “Learning From Your Mistakes: Making Everything Count”, 3rd Annual Minimally Invasive & Bariatric Surgery Fellows Course, Sept 29, 2021
4. “Robotic eTEP and Robotic TAR”, QC Core Insights, 2021
5. “MIS Ventral Hernia Repair Part II: Robotic Retromuscular Techniques for VHR”, Updates in General Surgery, 2022
6. “Wound Complications after VHR”, Updates in General Surgery, 2022
7. “Non-academic practice models”, Women in Surgery Conference, 2022
8. “Academic Practice”, 4th Annual Minimally Invasive and Bariatric Surgery Fellows Course, Sept 17, 2022
9. “Minimall invasive component separation techniques: Patient Selection, Tips, and Tricks”, American Colleger of Surgeons, Panel Session, Oct 17, 2022
10. “Robotic Technologies: New Platforms and Edcation Beyond Technical Tools”, Emerging Gastrointestinal and Surgery Technology Forum, Nov 16, 2022
11. “MIS VHR Part 2: Robotic Approaches and Data”, Faculty Moderator, Jan 9,2023
12. “MIS Ventral Hernia Repair: What Are My Options?”, Updates in General Surgery, Jan 20, 2023
13. “Stirring the Pot: Common Controversies in Hernia Repair”, Upates in General Surgery, Jan 20,2023
14. “Parastomal Hernia Repair Outcomes in Patients with Inflammatory Bowel Disease”, ACHQC QI Summit, March 4, 2023
15. “Randomized Controlled Trial of Robotic vs. Open AWR”, ACHQC QI Summit, March 4, 2023

**Regional / Midwest**

1. “Open Retromuscular Repair of Parastomal Hernias”, Southeastern Surgical Congress, Feb, 2017
2. “Management of Thoracoabdominal Wall Hernias”, NC ACS chapter meeting, July, 2017
3. **“**Is there a ‘HALO’ effect for Bariatric Surgery?”, Southeastern Surgical Congress, 2018

**Trainees / Mentees**

1. Kenneth Ierardi, medical student, 2018-2019, current orthopedic surgery resident in Detroit
2. Haley Eskovitz, medical student, 2020-2021, recently accepted into general surgery residency
3. Bryar Hansen, medical student, 2021-2022, accepted into general surgery residency
4. Brian Tang, Surgical Resident, 2021-present

**Teaching Material Produced**

1. Care New England Hernia Center Protocols, Surgical Services Staff, 09/2017
2. Care New England Enhance Recovery After Surgery Protocol, all surgical staff, 07/2019

**Teaching Activities**

1. Medical Student core lecture series, every 8 weeks, 4 hours per month, 2017-2021
2. Ob/Gyn Core Curriculum Didactics, every 6 months, 12 hours per year, 2018-2021
3. Surgical PA education day, annual, 48 hours per year, 2018-2021
4. Feedback Leader at Cleveland Clinic, 4 hours per month, 2021-present
5. Director of CCF robotic simulation tournament, annual, 10 hours per year, 2021-present
6. Director of robotic cadaver lab, every 6 months, 20 hours per year, 2022-present
7. Director of robotic journal club, every 3 months, 3 hours per month, 2021-present
8. “Applying for Fellowship and Starting a Practice”, 1 hour, Lecture to Surgical Residents, 2023

**BIBLIOGRAPHY**

**Peer Reviewed Articles**

1. Berg Z, **Beffa LR,** Cook DP, Cornelison DD. “Muscle satellite cells from GRMD dystrophic dogs are not phenotypically distinguishable from wild type satellite cells in ex vivo culture *Neuromuscular Disorders*. 2011 Apr;21:282-290. PMID 21277207
2. **Beffa LR**, Petroski GF, Kruse R, Vogel TR. “Functional Status of Nursing Home Residents before and after Abdominal Aortic Aneurysm Repair”. *J Vasc Nurs* 2015 Sep;33(3):106-11PMID:26298614
3. Erwin PA, **Beffa LR,** Jones WB, Hale AL, Scott JD. “Metallic Surgical Clip causing Cholangitis after Cholecystectomy” *Am Surg*. 2017 Sept 1; 83(9):e403-e405. PMID 30454369
4. **Beffa LR**, Warren JA, Cobb WS, Knoedler B, Ewing JA, Carbonell AM. “Open Retromuscular Repair of Parastomal Hernias” *American Surg* Aug 2017 1;83(8):906-910. PMID: 28822400
5. Warren JA, **Beffa LR**, Carbonell AM, Cull J, Sinopoli B, Ewing JA, McFadden C, Crockett J, Cobb WS. “Prophylactic placement of permanent synthetic mesh at the time of ostomy closure prevents formation of incisional hernias” *Surgery*. 2018 Apr;163(4):839-846. PMID: 29224706
6. **Beffa LR**, Margiotta A, Carbonell AM. “Flank and Lumbar Hernia Repair” *Surgical Clinics of North America*. 2018 Jun;98(3):593-605
7. Ierardi K, **Beffa LR.** “Internal Hernia through a Congenital Broad Ligament Defect”. *ACS Case Reviews in Surgery*. 2018;2(2):50-53
8. Warren JA, Love M, Cobb WS, **Beffa LR**, Couto FJ, Hancock BH, Morrow D, Ewing JA, Carbonell AM. “Factors affecting salvage rate of infected prosthetic mesh”. *Am J Surg* 2020; Sep, 220 (3): 751-756. PMID 32035628
9. Benjamin Miller, Jonah Thomas, Chao Tu, Adele Costanzo, **Lucas Beffa**, David Krpata, Ajita Prabhu, Michael Rosen, Clayton Petro. “Comparing Sugarbaker versus keyhole mesh technique for open retromuscular parastomal hernia repair: study protocol for a registry-based randomized controlled trial”. *Trials*. 2022 Apr 4; 23(1):251. PMID 35379311
10. Miller BT, Baier KF, Zolin SJ, Huang LC, Phillips S, Petro CC, **Beffa LRA**, Krpata DM, Rosen MJ, Prabhu AS. Long-term outcomes of seromas after ventral hernia repair: a propensity score-matched analysis of the Abdominal Core Health Quality Collaborative. Hernia. 2022 Apr 18. doi: 10.1007/s10029-022-02613-x. Epub ahead of print. PMID: 35437694.
11. Said S, Thomas J, Montelione K, Fafaj A, **Beffa L**, Krpata D, Prabhu A, Rosen M, Petro C. Tanaka score predicts surgical intensive care admission following abdominal wall reconstruction. Hernia. 2022 Apr 16. doi: 10.1007/s10029-022-02605-x. Epub ahead of print. PMID: 35429304.
12. Miller, B.T., Prabhu, A.S., Petro, C.C., **Beffa, L.R,** Carbonell, A.M., Hope, W., Warren, J., Higgins, R.M., Jacob, B., Blatnik, J., Krpata, D.M., Chao, T., Costanzo, A., Rosen, M.J*.* Laparoscopic versus robotic inguinal hernia repair: 1- and 2-year outcomes from the RIVAL trial. *Surg Endosc* (2022). https://doi.org/10.1007/s00464-022-09320-9
13. Miller BT, Tamer R, Petro CC, Krpata DM, Rosen MJ, Prabhu AS, **Beffa LR**. Retromuscular drain versus no drain in robotic retromuscular ventral hernia repair: a propensity score-matched analysis of the abdominal core health quality collaborative. Hernia. 2022 Oct 28. doi: 10.1007/s10029-022-02696-6. Epub ahead of print. PMID: 36307620.
14. Gentle CK, Thomas JD, Montelione KC, Tu C, Prabhu AS, Krpata DM, **Beffa LR,** Rosenblatt S, Rosen MJ, Lo Menzo E, Alaedeen D, Szomstein S, Massier CG, Petro CC. Opioid prescribing practices and patient-requested refill patterns following laparoscopic inguinal hernia repair. Hernia. 2022 Nov 23:1–8. doi: 10.1007/s10029-022-02708-5. Epub ahead of print. PMID: 36418792; PMCID: PMC9685134.

**Invited, Non-Peer Reviewed**

1. **Beffa LR**, Rosen M. “Trauma Laparotomies result in incisonal hernias, so whats next?”. JAMA Surg, invited commentary, 2021
2. Petro C, **Beffa LR**,Rosen M. “Robotic component separation technniques”. UpToDate article, July 2021

**Book & Book Chapters**

1. **Beffa LR**, Warren J. “Management of Mesh Infection” Chapter 50. Textbook of Hernia, 1st Ed. pp 395-405 March 2017
2. **Beffa LR**, Carbonell AM “Robotic Component Separation” LeBlanc’s Management of Abdominal Wall Hernias 5th Ed. 2018. Chapter 31, pp 423-430
3. Bellacer C, **Beffa LR**, Warren JA, Carbonell AM. “Component Separation – Robotic Approach” Campanelli’s The Art of Hernia Surgery – A Step-by-Step Guide. 2018. Chapter 65, pp 649-657
4. **Beffa LR**, Carbonell AM. “Robotic Paraesophageal Hernia Repair” Atlas of Robotic Surgery. Kudsi O, Carbonell AM, Yiengpruksawan A, Jones DB; 2019. ISBN 978-1-941805-06-0
5. Quick JA, **Beffa LR**, Barnes SL. “Abdominal Wall Hernias”. The Acute Management of Surgical Disease.; 2022. ISBN 978-3-031-07880-4
6. **Beffa LR**, Rosen M. “Incisional Hernia Repair: Abdominal Wall Reconstruction Options”. Hawn Operative Techniques in Surgery, 2e. Chapter 6
7. Maskal S, **Beffa LR.** “The Role of Robotics in Abdominal Wall Reconstruction”. Surgical Clinics of North America. Chapter 12
8. **Beffa LR**. “Uncommon Hernias”. Shackleford’s Surgery of Alimentary Tract, 9th Ed. Chapter 53