

## CURRICULUM VITAE

### Kyle Van Arendonk MD, PhD

Assistant Professor  
Department of Surgery  
Division of Pediatric Surgery

#### OFFICE ADDRESS:

Children's Hospital  
9000 W Wisconsin Ave  
Milwaukee, WI 53226  
Email: kvanarendonk@mcw.edu

#### EDUCATION:

05/2004 B.A., Dordt University, Sioux Center, IA  
05/2008 M.D., University of Iowa Carver College of Medicine, Iowa City, IA  
05/2013 Ph.D., Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD

#### POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

2008 - 2009 Intern, General Surgery, Johns Hopkins Hospital, Baltimore, MD  
2009 - 2016 Resident, General Surgery, Johns Hopkins Hospital, Baltimore, MD  
2016 - 2018 Clinical Fellow, Pediatric Surgery, Monroe Carell Jr. Children's Hospital at Vanderbilt, Nashville, TN

#### FACULTY APPOINTMENTS:

09/2018 - 06/2023 Assistant Professor, Department of Surgery, Division of Pediatric Surgery, Medical College of Wisconsin  
07/2023 - Present Associate Professor, Department of Surgery, Division of Pediatric Surgery, Medical College of Wisconsin

#### EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

2004 - 2005 Member, University of Iowa Medical Student Government Executive Council  
2004 - 2005 Chairperson, University of Iowa Medical Student Activities Committee  
2005 - 2006 Co-Mayor, Flocks Community, University of Iowa Carver College of Medicine  
2015 - 2016 Administrative Chief Resident, General Surgery, Johns Hopkins Hospital  
2017 - 2018 Chief Resident, Pediatric Surgery, Monroe Carell Jr. Children's Hospital at Vanderbilt

#### RESEARCH ADMINISTRATIVE APPOINTMENTS:

2002 Undergraduate Research Fellowship, Department of Microbiology. Dr. Bryan Larsen, Des Moines University-Osteopathic Medical Center, Des Moines, IA  
2003 Undergraduate Research Fellowship, Department of Microbiology and Immunology. Dr. Daniel Conrad, Virginia Commonwealth University-Medical College of Virginia, Richmond, VA  
2004 - 2005 Medical Student Research Fellowship, Department of Urology. Dr. Christopher Cooper, University of Iowa Carver College of Medicine, Iowa City, IA  
2010 - 2013 Post-doctoral Research Fellowship, Department of Surgery. Drs. Dorry Segey and Paul Colombani, Johns Hopkins University School of Medicine, Baltimore, MD  
2018 - Present Center for Advancing Populations Science (CAPS), Medical College of Wisconsin, Milwaukee, WI  
2019 - Present Collaborative for Healthcare Delivery Science, Medical College of Wisconsin, Milwaukee, WI  
2020 - Present Director of Pediatric Surgical Research, Division of Pediatric Surgery, Medical College of Wisconsin

- 2021 - Present Chair, Committee for Accelerating Research Discovery in Surgery (CARDS)
- 2022 - Present Director for Quality in Pediatric Surgery, Division of Pediatric Surgery, Medical College of Wisconsin
- 2022 - Present Association for Academic Surgery Institutional Representative, Department of Surgery, Medical College of Wisconsin

**HOSPITAL STAFF PRIVILEGES:**

- 09/2018 - Present Children's Hospital of Wisconsin, 8915 Connell Court, Milwaukee, WI 53226
- 09/2018 - Present Froedtert Memorial Lutheran Hospital, 9200 W. Wisconsin Ave., Milwaukee, WI 53226
- 11/2018 - Present Ascension St. Joseph's Hospital, 5000 W. Chambers, Milwaukee, WI 53210
- 11/2018 - Present Columbia St. Mary's Hospital, 2323 N. Lake Drive, Milwaukee, WI 53211
- 11/2018 - Present Aurora West Allis Medical Center, 8901 W. Lincoln Ave., West Allis, WI 53227
- 11/2018 - Present Aurora Sinai Samaritan Medical Center, 945 N. 12th Street, Milwaukee, WI 53233
- 11/2018 - 07/2019 Blank Children's Hospital, 1200 Pleasant St., Des Moines, IA 50309
- 06/2019 - Present Marshfield Clinic Health System, 1000 N. Oak Ave, Marshfield, WI 54449

**SPECIALTY BOARDS AND CERTIFICATION:**

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Surgery: General Surgery	03/06/2017	12/31/2027
American Board of Surgery: Pediatric Surgery	04/01/2019	12/31/2029

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
BLS	AHA	12/07/2021	12/06/2023
PALS	AHA/AAP	12/07/2021	12/06/2023
ATLS	ACS	05/04/2022	05/04/2026

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin License	69327-020	05/08/2018	10/31/2023
Wisconsin DEA	FV7627219	04/12/2021	05/31/2024

**AWARDS AND HONORS:**

- 2000 - 2004 Dordt College Distinguished Scholar Award
- 2002 - 2004 Great Plains Athletic Conference All-Conference Basketball Team
- 2003 - 2004 NAIA Academic All-American Basketball Team
- 2003 Al Mennega Pre-Medical Honors Scholarship
- 2004 Heritage HPER (Health, Physical Education and Recreation) Scholarship
- 2004 - 2008 Medical Student Research Distinction Track
- 2004 Award for Outstanding Achievement in Medical Biochemistry
- 2004 Alumni Association Scholarship
- 2004 Memorial Pre-Medical Scholarship
- 2005 - 2008 Hoyt Scholarship
- 2006 - 2007 Parker Scholarship
- 2007 Melvin Marcus Research Award
- 2007 Flocks Community Leadership and Excellence Award
- 2007 Cedars-Sinai Surgical Scholar Award
- 2008 University of Iowa Department of Surgery Award
- 2009 Johns Hopkins Department of Surgery Top ABSITE Score Award
- 2010 Johns Hopkins Department of Surgery Top ABSITE Score Award
- 2010 Society of Thoracic Surgeons Looking to the Future Award
- 2011 - 2013 American Transplant Congress Young Investigator Award
- 2012 American Academy of Pediatrics Section on Surgery Rosenkrantz Clinical Research Award

2012 American Society of Transplant Surgeons Top 10 Abstract Award  
2012 American Transplant Congress Poster of Distinction  
2012 The Gershon Efron Award for Outstanding Clinical Research  
2014 Johns Hopkins Department of Surgery Top ABSITE Score Award  
2014 Johns Hopkins Physician Assistant Surgical Residency Favorite Senior Resident Award  
2014 World Transplant Congress Top 100 Abstract Award  
2014 The Gershon Efron Award for Outstanding Clinical Research  
2016 Johns Hopkins Department of Surgery Top ABSITE Score Award  
2016 Johns Hopkins Department of Surgery Core Values in Practice Award  
2016 Frank L. Coulson Jr. Award for Clinical Excellence  
2018 Vanderbilt Section of Surgical Sciences Fellow Teaching Award Honorable Mention  
2018 - 2019 MCW Outstanding Medical Student Teacher  
2022 Publications Committee Reviewer Excellence Award, Association for Academic Surgery

**MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:**

2006 American College of Surgeons  
2007 Alpha Omega Alpha Honor Medical Society  
2007 Gold Humanism Honor Society  
2013 Delta Omega Honorary Society in Public Health  
2013 Phi Beta Kappa Society  
2018 American Pediatric Surgical Association  
2018 American Academy of Pediatrics  
2019 Wisconsin Surgical Society  
2019 Midwest Pediatric Surgery Consortium  
2019 Surgical Outcomes Club  
2019 Association for Academic Surgery  
2019 International Pediatric Endosurgery Group  
2020 Central Surgical Association

**EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:**

Editorial Board  
2019 - Present Children  
Ad-Hoc Reviewer  
2016 - Present Journal of Pediatric Surgery  
2020 - Present Journal of Surgical Research  
2021 - Present American Journal of Surgery  
2021 - Present Scientific Reports  
2021 - Present Surgery  
2021 - Present Pediatrics  
2021 - Present Journal of the American College of Surgeons  
2022 - Present Health Affairs

**LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:**

2006 Member, Flocks Community Faculty Director Search Committee, University of Iowa Carver College of Medicine  
2009 - 2016 Member, General Surgery Residency Curriculum and Program Review Committee, Johns Hopkins Hospital  
11/2018 - Present Member, Enteral Feeding Advisory Committee, Children's Wisconsin  
07/2020 - 01/2021 Member, Department of Surgery Research Infrastructure Advisory Committee, Medical College of Wisconsin  
01/2021 - 01/2022 Member, Remote Care Platforms Team, Children's Wisconsin  
02/2021 - Present Chair, Committee for Accelerating Research Discovery in Surgery (CARDS), Medical College of Wisconsin  
02/2022 - Present Member, ThriveOn Collaboration - Health Equity Academic Committee, Medical College of Wisconsin  
06/2022 - Present Member, Children's Specialty Group Academic Committee, Quality Subcommittee, Children's Wisconsin

06/2022 - Present Member, Medical Economics and Outcomes Committee, Children's Wisconsin  
08/2022 - 02/2023 Member, Pediatric Surgery Division Chief Search Committee, Medical College of Wisconsin

**NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:**

2020 - 2025 Member, Delivery of Surgical Care Committee, American Academy of Pediatrics Section on Surgery  
2020 - 2022 Member, Academic Advancement Committee, Association for Academic Surgery  
2020 - 2023 Member, Surgical Quality & Safety Committee, American Pediatric Surgical Association  
2021 - 2023 Member, Publications Committee, Association for Academic Surgery  
2023 - Present Examination Consultant, Pediatric Surgery In-Training Examination, American Board of Surgery

**RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:**

**Active**

**Peer Review**

Title: Characterizing and Addressing Disparities in Surgical Care among Rural Children  
Source: Central Surgical Association Enrichment Award  
Role: Principal Investigator  
Dates: 2021 - 2022  
Direct Funds: \$20,000

**Prior**

**Peer Review**

Title: Johns Hopkins Institute for Clinical and Translational Research KL2 Award  
Source: National Institutes of Health  
Dates: 2010 - 2012  
  
Title: Clinical Research Loan Repayment Program  
Source: National Institutes of Health  
Dates: 2010 - 2013

**INVITED LECTURES/WORKSHOPS/PRESENTATIONS:**

**Local**

Enhanced Recovery after Surgery Protocols in Pediatric Surgery, Pediatric Surgery Grand Rounds, Children's Hospital of Wisconsin, 03/07/2019  
Provision of Pediatric Surgical Care in an Increasingly Regionalized Framework, Center for Advancing Population Science Seminar Series, Medical College of Wisconsin, 01/24/2020  
Panelist, Faculty's Global Health Efforts in Eastern Africa, MCW Global Health Week 2020, Medical College of Wisconsin, 11/30/2020  
Same-Day Discharge after Appendectomy for Uncomplicated Appendicitis, Pediatric Surgery Grand Rounds, Children's Wisconsin, 03/04/2021  
Appendicitis Quality Improvement, Pediatric Surgery Grand Rounds, Children's Wisconsin, 12/08/2022

**Regional**

Invited Discussant, Management of Complicated Biliary Disease in the Pediatric Population, Central Surgical Association Annual Meeting, Chicago, IL, 07/27/2021  
Invited Discussant, Initial Blood Cultures in Pediatric Patients with Central Line Infections and Short Bowel Syndrome can Direct a Treatment Plan Than Can Reduce Hospital Length of Stay, Central Surgical

Association Annual Meeting, Milwaukee, WI, 06/03/2022

**National**

Self-Study and Academic Productivity during PS Residency, Pediatric Surgery Fellowship Virtual Bootcamp, Virtual, 08/14/2020

Moderator, Basic Science: Pediatrics Oral Session II, Academic Surgical Congress, Houston, TX, 02/09/2023

**PEER REVIEWED WORKSHOPS/PRESENTATIONS:**

**Regional**

Van Arendonk KJ, Austin JC, Boyt MA, Cooper CS, Frequency of wetting is predictive of anticholinergic response in children with daytime incontinence, North Central Section of the American Urological Association Annual Meeting, Chicago, Illinois, 09/2005

Van Arendonk KJ, Knudson MJ, Austin JC, Cooper CS, Improved efficacy of extended release anticholinergics in children with daytime urinary incontinence, North Central Section of the American Urological Association Annual Meeting, Chicago, Illinois, 09/2005

Bodnar C, Buss R, Somers K, Mokdad A, Van Arendonk K, Association between neighborhood socioeconomic disadvantage and complicated appendicitis in children, Wisconsin Surgical Society Annual Conference, Virtual, 11/2020

Powers RJ, Mokdad AA, Van Arendonk K, Socioeconomic disparities impact pediatric access to surgical care, Wisconsin Surgical Society Annual Conference, Virtual, 11/2020

Buss R, Bodnar CA, Somers K, Sato TT, Gourlay DM, Van Arendonk K, Factors associated with same-day discharge after appendectomy for uncomplicated appendicitis in children, Wisconsin Surgical Society Annual Conference, Virtual, 11/2020

Gross KM, Georgeades C, Farazi M, Calaway LR, Gourlay DM, Van Arendonk KJ, Utilization and adequacy of telemedicine for outpatient pediatric surgical care, Wisconsin Surgical Society Annual Meeting, Kohler, Wisconsin, 11/2021

Farazi M, Georgeades C, Collings A, Van Arendonk K, Sato TT, Fallat ME, Minneci PC, Speck KE, and Flynn-O'Brien K, A multi-institutional study evaluating pediatric burn injuries during the COVID-19 pandemic, Midwest Pediatric Surgery Consortium, Wisconsin Surgical Society Annual Meeting, Kohler, Wisconsin, 11/2021

Georgeades C, Farazi M, Gainer H, Flynn-O'Brien K, Leys C, Gourlay D, Van Arendonk KJ, Factors associated with the location of acute appendicitis care in children, Central Surgical Association Annual Meeting, Milwaukee, Wisconsin, 06/2022

Georgeades C, Young SA, Nataliansyah MM, Van Arendonk KJ, Characterizing rural families' experiences receiving pediatric surgical care: a qualitative study, Wisconsin Surgical Society Annual Meeting, Kohler, Wisconsin, 11/2022

Mowrer AR, Duesing LA, Boyd KP, Wagner AJ, Van Arendonk K, Standardized management of pediatric intussusception - a quality improvement project, Children's Wisconsin Best Practices in Pediatrics Conference, Wisconsin Dells, Wisconsin, 03/2023

**National**

Van Arendonk KJ, Madsen MT, Austin JC, Hawtrey CE, Graham MM, Cooper CS, Bladder pressure at onset of vesicoureteral reflux is an independent predictor of spontaneous reflux resolution, American Urological Association Annual Meeting, Atlanta, Georgia, 05/2006

Van Arendonk KJ, James NT, Locke JE, Colombani PM, Montgomery RA, Segev DL, Decreased late graft survival in pediatric recipients of DCD kidneys, American Society of Transplant Surgeons Annual State-of-the-Art Winter Symposium, Hollywood, Florida, 01/2011

Kucirka L, Weatherspoon K, Van Arendonk K, Montgomery JR, Deshpande N, Law A, Bone C, Montgomery RA, Segev D, Potential new high infectious risk donor categories: results of a systematic review and meta-analysis, American Transplant Congress, Philadelphia, Pennsylvania, 05/2011

Van Arendonk KJ, James NT, Locke JE, Montgomery RA, Colombani PM, Segev DL, Late graft loss among pediatric recipients of DCD kidneys, American Transplant Congress, Philadelphia, Pennsylvania, 05/2011

Wang JG, James N, Van Arendonk K, Deshpande N, Hall E, Berger J, Montgomery R, Segev D, Third and fourth kidney transplant recipients: who are they and was it worth the last transplant, American Transplant Congress, Philadelphia, Pennsylvania, 05/2011

- Van Arendonk KJ, James NT, Wang JG, Deshpande NA, Colombani PM, Segev DL, Pediatric kidney retransplantation: a review of UNOS data, American Transplant Congress, Philadelphia, Pennsylvania, 05/2011
- Deshpande NA, Garonzik-Wang JM, James NA, Van Arendonk KJ, Boyarsky BJ, Montgomery RA, Segev DL, Pancreas retransplantation: does order of operations affect survival outcome, American Transplant Congress, Philadelphia Pennsylvania, 05/2011
- Berger JC, Massie AB, Wang JG, Montgomery JR, Muzzale A, Hall EC, Van Arendonk K, Segev DL, Center-level variation in the utilization of living kidney donors with older age and higher BMI, American Transplant Congress, Philadelphia, Pennsylvania, 05/2011
- Tamma PD, Putcha N, Suh YD, Van Arendonk KJ, Rinke ML, Does prolonged infusion of I-lactams improve clinical outcomes in hospitalized patients compared to intermittent infusion I-lactams? A meta-analysis of randomized, controlled trials, 51st Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, Illinois, 09/2011
- Boyarsky BJ, Van Arendonk KJ, Deshpande NA, James NT, Montgomery RA, Segev DL, Patterns of physician visits before and after living kidney donation, American Society of Nephrology Kidney Week, Philadelphia, Pennsylvania, 11/2011
- Boyarsky BJ, Van Arendonk KJ, Deshpande NA, James NT, Montgomery RA, Segev DL, Race is associated with new onset hypertension and diabetes after living kidney donation, American Society of Nephrology Kidney Week, Philadelphia, Pennsylvania, 11/2011
- Van Arendonk KJ, James NT, Garonzik Wang J, Montgomery RA, Colombani PM, Segev DL, Order of donor type in pediatric kidney transplantation, American Society of Transplant Surgeons Annual State-of-the-Art Winter Symposium, Miami, Florida, 01/2012
- Garonzik Wang JM, James NT, Van Arendonk KJ, Gupta N, Hall EC, Montgomery RA, Segev DL, The liver aggressive phenotype: center-level patterns in the utilization of suboptimal liver allografts, American Society of Transplant Surgeons Annual State-of-the-Art Winter Symposium, Miami, Florida, 01/2012
- Boyarsky BJ, Van Arendonk K, Deshpande NA, James NT, Montgomery RA, Segev DL, Difficulty obtaining insurance after living kidney donation, American Society of Transplant Surgeons Annual State-of-the-Art Winter Symposium, Miami, Florida, 01/2012
- Boyarsky BJ, Van Arendonk K, Deshpande NA, James NT, Montgomery RA, Segev DL, Race is associated with new onset hypertension and diabetes after living kidney donation, American Society of Transplant Surgeons Annual State-of-the-Art Winter Symposium, Miami, Florida, 01/2012
- Van Arendonk KJ, James NT, Garonzik Wang J, Montgomery RA, Colombani PM, Segev DL, Age at graft loss after pediatric kidney transplantation, American Society of Transplant Surgeons Annual State-of-the-Art Winter Symposium, Miami, Florida, 01/2012
- Van Arendonk KJ, Schneider EB, Stewart FD, Colombani PM, Haut ER, Venous thromboembolism after trauma: Are adolescents more like children or adults, American Pediatric Surgical Association Annual Meeting, San Antonio, Texas, 05/2012
- Boyarsky BJ, Van Arendonk KJ, Deshpande NA, James NT, Montgomery RA, Segev DS, Race is associated with new onset hypertension and diabetes after living kidney donation, American Transplant Congress, Boston, Massachusetts, 06/2012
- Boyarsky BJ, Van Arendonk KJ, Deshpande NA, James NT, Montgomery RA, Segev DL, Patterns of physician visits before and after living kidney donation, American Transplant Congress, Boston, Massachusetts, 06/2012
- Van Arendonk KJ, James NT, Garonzik Wang J, Orandi BJ, Montgomery RA, Colombani PM, Segev DL, Order of donor type in pediatric kidney transplantation, American Transplant Congress, Boston, Massachusetts, 06/2012
- Van Arendonk KJ, James NT, Boyarsky BJ, Orandi BJ, Garonzik Wang J, Montgomery RA, Colombani PM, Segev DL, Graft survival in pediatric kidney transplantation: trends over time, American Transplant Congress, Boston, Massachusetts, 06/2012
- Van Arendonk KJ, James NT, Boyarsky BJ, Garonzik Wang J, Montgomery RA, Colombani PM, Segev DL, Age at graft loss after pediatric kidney transplantation: understanding the high-risk period, American Transplant Congress, Boston, Massachusetts, 06/2012
- Garonzik Wang JM, James NT, Van Arendonk K, Gupta N, Hall EC, Orandi BJ, Montgomery RA, Segev DL, The liver aggressive phenotype: Center-level patterns in the utilization of suboptimal liver allografts, American Transplant Congress, Boston, Massachusetts, 06/2012
- Boyarsky BJ, Van Arendonk KJ, Deshpande NA, James NT, Montgomery RA, Segev DS, Difficulty obtaining insurance after living kidney donation, American Transplant Congress, Boston,

- Massachusetts, 06/2012
- Orandi BJ, James NT, Hall EC, Garonzik Wang JM, Montgomery RA, Van Arendonk KJ, Segev DL, Transplant center level associations with the development of delayed graft function following deceased donor kidney transplantation, American Transplant Congress, Boston, Massachusetts, 06/2012
- Van Arendonk KJ, Segev DL, Colombani PM, Living unrelated kidney transplantation: a good match for the pediatric candidate, American Academy of Pediatrics Surgical Section, New Orleans, Louisiana, 10/2012
- Boyarsky B, McAdams M, Massie A, Van Arendonk K, Grams M, Chen P, Segev DL, Hypertension and diabetes after living kidney donation: Racial differences and comparison to healthy matched controls, American Society of Nephrology Kidney Week, 11/2012
- Boyarsky BJ, James NT, McAdams Demarco M, Van Arendonk K, Segev DL, Race and hypertension attributable to live kidney donation, American Society of Transplant Surgeons Annual State-of-the-Art Winter Symposium, Miami, Florida, 02/2013
- Orandi BJ, Garonzik-Wang JM, Gupta N, Van Arendonk KJ, Lonze BE, Zachary AA, Alachkar N, Kraus ES, Locke JE, Nazarian SM, Dagher NN, Desai NM, Segev DL, Montgomery RM, Eculizumab as salvage therapy for severe antibody-mediated rejection following HLA-incompatible renal transplantation, American Society of Transplant Surgeons Annual State-of-the-Art Winter Symposium, Miami, Florida, 02/2013
- Van Arendonk KJ, Orandi BJ, James NT, Colombani PM, Magee JC, Segev DL, Comparing graft loss of pediatric kidney and liver recipients during the high-risk age window, American Society of Transplant Surgeons Annual State-of-the-Art Winter Symposium, Miami, Florida, 02/2013
- Orandi BJ, Van Arendonk KJ, James NT, Montgomery JR, Wickliffe C, Kraus ES, Racusen LC, Montgomery RA, Segev DL, Early antibody-mediated rejection portends worse long-term renal allograft and patient survival, American Society of Transplant Surgeons Annual State-of-the-Art Winter Symposium, Miami, Florida, 02/2013
- Orandi BJ, James NT, Hall EC, Van Arendonk KJ, Garonzik-Wang JM, Gupta N, Segev DL, Center-level variation in delayed graft function after deceased donor kidney transplantation, American Society of Transplant Surgeons Annual State-of-the-Art Winter Symposium, Miami, Florida, 02/2013
- Orandi B, Chow E, Van Arendonk K, Montgomery J, Gupta N, Montgomery R, Segev D, Early antibody-mediated rejection portends worse long-term renal graft and patient survival, American Transplant Congress, Seattle, Washington, 05/2013
- Van Arendonk KJ, Orandi BJ, Boyarsky BJ, James NT, Colombani PM, Magee JC, Segev DL, Loss of pediatric kidney grafts during the high-risk age window: insights from liver recipients, American Transplant Congress, Seattle, Washington, 05/2013
- Chow EK, Van Arendonk K, James NT, Segev DL, Modeling donor-type decisions for pediatric kidney transplant candidates with a compatible living donor, Annual Meeting of the Society for Medical Decision Making, Baltimore, Maryland, 10/2013
- Orandi BJ, Garonzik-Wang JM, Massie AB, Zachary AA, Montgomery JR, Van Arendonk KJ, Stegall MD, Jordan SC, Oberholzer J, Dunn TB, Ratner LE, Kapur S, Pelletier RP, Roberts JP, Melcher ML, Singh P, Sudan DL, Posner MP, El-Amm JM, Shapiro R, Cooper M, Lipkowitz GS, Rees MA, Marsh CL, Sankari BL, Gerber DA, Nelson P, Wellen J, Bozorgzadeh A, Gaber AO, Montgomery RA, Segev DL, Quantifying the risk of incompatible kidney transplantation: a multi-center study, American Society of Transplant Surgeons Annual State-of-the-Art Winter Symposium, Miami, Florida, 01/2014
- Orandi BJ, Garonzik-Wang JM, Van Arendonk KJ, King EA, Gupta N, Montgomery RA, Segev DL, Sequelae of concurrent antibody- and cell-mediated rejection following kidney transplantation, Academic Surgical Congress, San Diego, California, 02/2014
- Goldstein SD, Culbertson N, Garrett D, McIltrout K, Felix M, Salazar JH, Van Arendonk K, Abdullah F, Crawford T, Colombani P, Thymectomy for myasthenia gravis in children: a comparison of open and thoracoscopic approaches, American Pediatric Surgical Association Annual Meeting, Phoenix, Arizona, 02/2014
- Goldstein SD, Van Arendonk K, Aboagye JK, Salazar JH, Michailidou M, Ziegfeld S, Lukish J, Stewart FD, Haut ER, Abdullah F, Secondary overtriage in pediatric trauma: can unnecessary patient transfers be avoided, American Academy of Pediatrics Surgical Section, San Diego, California, 10/2014
- Orandi B, Luo X, Van Arendonk K, Higgins R, & Segev D, High-risk age window for graft loss in pediatric lung and heart transplant recipients, American Transplant Congress, Boston, Massachusetts, 06/2016
- Robinson JR, Gibson C, Brinkman AS, Van Arendonk KJ, Speck KE, Danko ME, Morgan WM, Jackson GP, Lovvorn HN, Blakely ML, Improving the value of care for appendectomy through an individual

- surgeon-specific approach, American Academy of Pediatrics Surgical Section, Chicago, Illinois, 09/2017
- Riera KM, Robinson JR, Van Arendonk K, Fabbri D, Jackson GP, Volume of care delivered by pediatric surgical specialties through patient portal messaging, Academic Surgical Congress, Jacksonville, Florida, 02/2018
- Phelps H, Ndolo J, Van Arendonk KJ, Dietrich H, Watson K, Hilmes M, Chung D, Lovvorn HN, Association between image-defined risk factors (IDRF) and neuroblastoma outcomes, American College of Surgeons Clinical Congress, Boston, Massachusetts, 10/2018
- Phelps H, Evans P, Van Arendonk KJ, Greeno A, Collins C, Lovvorn HN, Therapeutic laparoscopy for pediatric abdominal trauma, American College of Surgeons Clinical Congress, Boston, Massachusetts, 10/2018
- Phelps HM, Lovvorn HN, Ndolo JM, Van Arendonk KJ, Dietrich HL, Watson KD, Hilmes MA, Chung DH, Association between image-defined risk factors and neuroblastoma outcomes, American Academy of Pediatrics Surgical Section, Orlando, Florida, 11/2018
- Phelps HM, Lovvorn HN, Evans PT, Van Arendonk KJ, Greeno AL, Collins KF, Therapeutic laparoscopy for pediatric abdominal trauma, American Academy of Pediatrics Surgical Section, Orlando, Florida, 11/2018
- Long J, Motter J, Jackson KR, Kosztowski M, Orandi B, Luo X, Van Arendonk K, Massie A, Bush E, Higgins RS, Segev DL, Garonzik-Wang JM, Pediatric heart and lung graft loss during the high-risk age window, American Transplant Congress, Boston, Massachusetts, 06/2019
- Buonpane C, Vacek J, Harris C, Port E, Hunter CJ, Salazar Osuna J, Van Arendonk K, Hunter C, Goldstein S, Surgeon variation in the classification of appendicitis determines postoperative antibiotic utilization, American Academy of Pediatrics Surgical Section, News Orleans, Louisiana, 10/2019
- Buonpane C, Vacek J, Harris C, Port E, Klonoski S, Hunter CJ, Osuna JS, Van Arendonk K, Goldstein S, Controversy in the classification of appendicitis and utilization of post-operative antibiotics, Academic Surgical Congress, Orlando, Florida, 02/2020
- Beck ME, Rizeq Y, Many BT, Vacek JC, Kovler ML, Raval MV, Van Arendonk K, Abdullah F, Goldstein SD, Trends in gastrostomy tube placement and fundoplication in children at pediatric tertiary centers, Academic Surgical Congress, Orlando, Florida, 02/2020
- Long JJ, Motter JD, Jackson KR, Lui C, Etchill E, Kosztowski M, Orandi BJ, Luo X, Van Arendonk K, Higgins RS, Segev DL, Massie AB, Garonzik-Wang JM, "High-risk age window" for graft loss in pediatric lung transplant recipients, Academic Surgical Congress, Orlando, Florida, 02/2020
- Overman RE, Kartal T, Witte A, Van Arendonk K, Casar Berazaluce AM, Wagner MI, Rymeski B, Speck KE, Risk profile of subcutaneous port placement in small children, American Pediatric Surgical Association Annual Meeting, Virtual, 05/2020
- Powers RJ, Mokdad AA, Van Arendonk KJ, Neighborhood socioeconomic disparities impact pediatric access to surgical care, Academic Surgical Congress, Virtual, 02/2021
- Bodnar C, Buss R, Somers K, Mokdad A, Van Arendonk K, Association between neighborhood socioeconomic disadvantage and complicated appendicitis in children, Academic Surgical Congress, Virtual, 02/2021
- Rubalcava NS, Bence CM, Jensen AR, Minneci PC, Van Arendonk KJ, Mak GZ, Rymeski BA, Kohler JE, Beyene T, Lim IP, Hirschl RB, Speck KE, Contrast challenge algorithms for adhesive small bowel obstructions are safe in children: a multi-institutional study, American Pediatric Surgical Association Annual Meeting, Virtual, 05/2021
- Buss R, Bodnar CA, Somers K, Sato TT, Gourlay DM, Van Arendonk K, Barriers to same-day discharge after appendectomy for uncomplicated appendicitis in children, American Pediatric Surgical Association Annual Meeting, Virtual, 05/2021
- Farazi M, Collings A, Van Arendonk K, Sato T, Fallat M, Minneci P, Speck KE, Kabre R, Flynn-O'Brien K, Impact of "Stay-at-Home" orders on non-accidental trauma: A multi-institutional study, American Academy of Pediatrics Surgical Section, Virtual, 10/2021
- Collings A, Georgeades C, Farazi M, Van Arendonk K, Sato T, Fallat M, Minneci P, Speck E, Kabre R, Flynn-O'Brien K, A multi-institutional study evaluating pediatric burn injuries during the COVID-19 pandemic, American Academy of Pediatrics Surgical Section, Virtual, 10/2021
- Farazi M, Sato T, Fallat M, Minneci P, Van Arendonk K, Speck E, Kabre R, Flynn-O'Brien K, The epidemiology of pediatric injury during Stay at Home orders: a multi-institutional analysis, Pediatric Trauma Society, Baltimore, Maryland, 11/2021
- Gross KM, Georgeades C, Farazi M, Calaway L, Gourlay D, Van Arendonk KJ, Utilization and adequacy of



- telemedicine for outpatient pediatric surgical care, Academic Surgical Congress, Orlando, Florida, 02/2022
- Collings AT, Farazi M, Van Arendonk K, Sato T, Fallat ME, Minneci P, Speck KE, Kabre R, Flynn-O'Brien K, Changes in pediatric trauma transfer patterns during the COVID-19 pandemic: A multicenter study, Academic Surgical Congress, Orlando, Florida, 02/2022
- Vernamonti J, Wright TN; Van Arendonk KJ, Minneci PC, Leys CM, Brown RL, Landman M, Speck KE, Association of regional anesthetic approach and center-level surgical volume with outcomes after surgical repair of pectus excavatum, American College of Surgeons Clinical Congress, San Diego, California, 10/2022
- Marquart JP, Salazar JH, Bergner C, Farazi M, Van Arendonk K, Location of treatment among rural infants requiring complex surgical care, Academic Surgical Congress, Houston, Texas, 02/2023
- Gadapalli S, Flynn-O'Brien K, Van Arendonk K, Hall M, Tracy E, Ricca R, Goldin A, Ehrlich PF, The changing landscape of routine pediatric surgery for rural and urban children: a report from the Child Health Evaluation of Surgical Services (CHESS) group, American Surgical Association Annual Meeting, Toronto, Ontario, Canada, 04/2023

### **International**

- Orandi BJ, Garonzik-Wang JM, Gupta N, Van Arendonk KJ, Lonze BE, Zachary A, Alachkar N, Kraus E, Locke JE, Nazarian SM, Dagher NN, Desai NM, Segev DL, Montgomery RA, C5 complement protein inhibition as salvage therapy for severe antibody mediated rejection following HLAa incompatible renal transplantation, International Congress of the Transplantation Society, Berlin, Germany, 07/2012
- Orandi BJ, Kraus ES, Bagnasco SM, Van Arendonk KJ, Garonzik-Wang JM, Wickliffe C, Montgomery RA, Segev DL, Epidemiology and long-term outcomes of T-cell- and antibody-mediated rejection of renal allografts, European Dialysis and Transplant Association Congress, Amsterdam, Netherlands, 06/2014
- Van Arendonk KJ, Chow EKH, James NT, Orandi BJ, Smith JM, Colombani PM, Segev DL, A Markov model for donor type decisions among pediatric kidney transplant candidates, World Transplant Congress, San Francisco, California, 07/2014
- Orandi B, Kraus E, Bagnasco S, Van Arendonk K, Garonzik-Wang J, Montgomery R, Segev D, Outcomes of concurrent cellular rejection in patients with antibody-mediated rejection, World Transplant Congress, San Francisco, California, 07/2014
- Orandi BJ, Kucirka LM, Kumar K, Garonzik-Wang JM, Van Arendonk KJ, Montgomery RA, Segev D, Prevalence of mental health disorders in HLA-incompatible transplant recipients vs compatible recipients: a multi-center study, World Transplant Congress, San Francisco, California, 07/2014
- Orandi B, Garonzik-Wang J, Massie A, Zachary A, Montgomery J, Van Arendonk K, Stegall M, Jordan S, Oberholzer J, Dunn T, Ratner L, Kapur S, Pelletier R, Roberts J, Melcher M, Singh P, Sudan D, Posner M, El-Amm J, Shapiro R, Cooper M, Lipkowitz G, Rees M, Marsh C, Sankari B, Gerber D, Nelson P, Wellen J, Bozorgzadeh A, Gaber A, Montgomery R, Segev D, Incompatible kidney transplantation risk and its relationship to CMS regulation: a multi-center study, World Transplant Congress, San Francisco, California, 07/2014
- Salazar JH, Bence C, Van Arendonk K, Arca M, Morbidity and mortality of gastrostomy tube placement in infants with cardiac disease, British Association of Pediatric Surgeons Annual Congress, Nottingham, UK, 07/2019
- Salazar JH, Spanbauer C, Densmore J, Van Arendonk KJ, Variability in the method of gastrostomy placement in children, Pacific Association of Pediatric Surgeons Annual Meeting, Virtual, 11/2020
- Bence, CM, Salazar JH, Flynn-O'Brien KT, Mokdad A, Gourlay DM, Van Arendonk KJ, Major complications among ventilator dependent children undergoing gastrostomy placement with and without tracheostomy, Pacific Association of Pediatric Surgeons Annual Meeting, Virtual, 11/2020

### **MEDICAL COLLEGE TEACHING ACTIVITIES:**

#### **Medical Student Education**

- 01/2019 - 05/2019 Jordanne Ford, M1 Clinical Apprenticeship Course
- 09/2019 - 12/2019 Jordanne Ford, M2 Clinical Apprenticeship Course
- 05/07/2020 Provision of Pediatric Surgical Care in an Increasingly Regionalized Framework, CTSI Seminar Series
- 12/2020 - 05/2021 Elle Rehfeldt, M1 Clinical Apprenticeship Course
- 01/20/2021 Development & Congenital Abnormalities of Upper GI & Bowel M2 Lecture

09/2021 - 12/2021 Elle Rehfeldt, M2 Clinical Apprenticeship Course  
12/2021 - 05/2022 Stephen Stevanovic, M1 Clinical Apprenticeship Course  
09/2022 - 12/2022 Stephen Stevanovic, M2 Clinical Apprenticeship Course  
11/30/2022 My Journey to and through Pediatric Surgery, Student Surgical Society  
01/2023 - 05/2023 Matt Strong, M1 Clinical Apprenticeship Course

### **Resident and Fellow Education**

09/2018 - Present Pediatric Surgery Morbidity and Mortality & Teaching Conferences. Weekly, Department of Surgery.  
02/18/2019 General Surgery Residency Oral Boards Study Group for Pediatric Surgery  
05/22/2019 General Surgery Residency Mock Oral Exams  
12/05/2019 General Surgery Residency Oral Boards Study Group for Pediatric Surgery  
03/04/2021 General Surgery Residency Oral Boards Study Group for Pediatric Surgery  
06/01/2022 General Surgery PGY 2-5 Curriculum Session: Pediatric Surgery

### **EXTRAMURAL TEACHING:**

#### **Community/Lay Public**

02/14/2019 8th Grade Career Day at Brookfield Christian School, Brookfield, Wisconsin.  
11/27/2021 News/Talk 1130 WISN & the Medical College of Wisconsin, "Bud and Sue Selig Hub for Health Services Research," The Word on Medicine Radio Program  
12/03/2022 News/Talk 1130 WISN & the Medical College of Wisconsin, "Making Milwaukee Better," The Word on Medicine Radio Program

#### **Medical Student Education**

2011 - 2012 Johns Hopkins University, Instructor, General Surgery Clerkship Suturing Course  
2011 Johns Hopkins University, Instructor, General Surgery Clerkship Physical Exam Course  
2012 Johns Hopkins University, Instructor, TRIPLE (Transition to Residency & Internship & Preparation for Life)  
2014 Johns Hopkins University, Instructor, TRIPLE (Transition to Residency & Internship & Preparation for Life)

#### **Resident and Fellow Education**

08/14/2019 AIC Kijabe Hospital Pediatric Surgery Fellowship Conference - "Pediatric ECMO" (Kijabe, Kenya)  
10/11/2019 Marshfield Clinic Pediatric and Surgery Resident Teaching Conference - "Pyloric Stenosis" (Marshfield, WI)  
01/10/2020 Marshfield Clinic Pediatric and Surgery Resident Teaching Conference - "Intestinal Atresias" (Marshfield, WI)  
03/13/2020 Marshfield Clinic Pediatric and Surgery Resident Teaching Conference - "Pediatric ECMO" (Marshfield, WI)  
11/11/2022 Marshfield Clinic Pediatric and Surgery Resident Teaching Conference - "Pyloric Stenosis" (Marshfield, WI)

### **MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:**

#### **Medical Students**

Radek Buss, Medical College of Wisconsin, 11/2019 - Present Research Mentor, Academic Advisor  
Ryan Powers, Medical College of Wisconsin, 11/2019 - 05/2021 Research Mentor  
Catherine Bodnar, Medical College of Wisconsin, 12/2019 - Present Research Mentor  
Gopika SenthilKumar, Medical College of Wisconsin, 02/2020 - Present Research Mentor  
Kendall Gross, Medical College of Wisconsin, 11/2020 - Present Research Mentor, Academic Advisor  
Haley Gainer, Medical College of Wisconsin, 07/2021 - 05/2022 Research Mentor, Academic Advisor

#### **Clinical/Research Fellows**

Jose Salazar, Medical College of Wisconsin, 09/2018 - 07/2020 Research Mentor  
Ali Mokdad, Medical College of Wisconsin, 11/2019 - 07/2020 Research Mentor

### **Residents**

Amanda Witte, Medical College of Wisconsin, 06/2019 - Present Research Mentor  
Christina (Nina) Bence, Medical College of Wisconsin, 09/2019 - 06/2021 Research Mentor  
John (J.P.) Marquart, Medical College of Wisconsin, 07/2021 - Present Research Mentor  
Christina Georgeades, Medical College of Wisconsin, 07/2021 - Present Research Mentor  
Emmanuel Abebrese, Medical College of Wisconsin, 06/2022 - Present Research Mentor

### **PROGRAMMATIC DEVELOPMENTS:**

#### **Clinical Programs**

2019 - Present Enhanced Recovery After Surgery (ERAS) Program in Pediatric Surgery  
2019 - Present Oral Water Soluble Contrast Protocol for Adhesive Small Bowel Obstruction in Children  
2021 - Present Same-Day Discharge after Appendectomy for Uncomplicated Appendicitis in Children  
2023 - Present Robotic Surgery Program, Pediatric General & Thoracic Surgery, Children's Wisconsin

### **COMMUNITY SERVICE ACTIVITIES:**

2003 - 2004 Big Brother Big Sister  
2003 PLIA (Putting Love Into Action-spring break service trip)  
2004 AMOR (A Mission Out Reach) service in the Dominican Republic  
2008 Global Programs Cross-Cultural Clerkship in The Gambia, West Africa  
2008 - 2009 Pen Lucy Youth Partnership Sports Coach  
2010 - 2013 Young Life Baltimore "Life Coaches" Program  
2019 AIC Kijabe Hospital/Bethany Kids - volunteer surgeon in Kijabe, Kenya  
2019 - 2022 School Improvement Planning (SIP) Committee, Brookfield Christian School  
2019 - Present 5th/6th Grade Girls Basketball Coach, Brookfield Christian School

### **LEADERSHIP/CAREER DEVELOPMENT/SCIENTIFIC COURSES:**

02/2019 Association for Academic Surgery Surgical Investigators' Course/Grant Writing Workshop  
10/2022 - Present Medical College of Wisconsin Elevate Leadership Program  
01/2023 Certificate of da Vinci Technology Training (da Vinci Xi surgical system)

## **BIBLIOGRAPHY**

### **Refereed Journal Publications/Original Papers**

1. Van Arendonk KJ, Austin JC, Boyt MA, Cooper CS. Frequency of wetting is predictive of response to anticholinergic treatment in children with overactive bladder. *Urology*. 2006 May;67(5):1049-53; discussion 1053-4.
2. Van Arendonk KJ, Knudson MJ, Austin JC, Cooper CS. Improved efficacy of extended release oxybutynin in children with persistent daytime urinary incontinence converted from regular oxybutynin. *Urology*. 2006 Oct;68(4):862-5.
3. Van Arendonk KJ, Madsen MT, Austin JC, Hawtrey CE, Graham MM, Cooper CS. Nuclear cystometrogram-determined bladder pressure at onset of vesicoureteral reflux predicts spontaneous resolution. *Urology*. 2007 Apr;69(4):767-70.
4. Tamma PD, Putcha N, Suh YD, Van Arendonk KJ, Rinke ML. Does prolonged  $\beta$ -lactam infusions improve clinical outcomes compared to intermittent infusions? A meta-analysis and systematic review of randomized, controlled trials. *BMC Infect Dis*. 2011 Jun 22;11:181. PMID: PMC3141415
5. Van Arendonk KJ, James NT, Locke JE, Montgomery RA, Colombani PM, Segev DL. Late graft loss among pediatric recipients of DCD kidneys. *Clin J Am Soc Nephrol*. 2011 Nov;6(11):2705-11. PMID: PMC3206005
6. Antiel RM, Van Arendonk KJ, Reed DA, Terhune KP, Tarpley JL, Porterfield JR, Hall DE, Joyce DL, Wightman SC, Horvath KD, Heller SF, Farley DR. Surgical training, duty-hour restrictions, and

- implications for meeting the Accreditation Council for Graduate Medical Education core competencies: views of surgical interns compared with program directors. *Arch Surg.* 2012 Jun;147(6):536-41.
7. Garonzik-Wang JM, James NT, Van Arendonk KJ, Gupta N, Orandi BJ, Hall EC, Massie AB, Montgomery RA, Dagher NN, Singer AL, Cameron AM, Segev DL. The aggressive phenotype revisited: utilization of higher-risk liver allografts. *Am J Transplant* 13(4): 936-42, 2013.
  8. Antiel RM, Reed DA, Van Arendonk KJ, Wightman SC, Hall DE, Porterfield JR, Horvath KD, Terhune KP, Tarpley JL, Farley DR. Effects of duty hour restrictions on core competencies, education, quality of life, and burnout among general surgery interns. *JAMA Surg.* 2013 May;148(5):448-55.
  9. Van Arendonk KJ, James NT, Boyarsky BJ, Garonzik-Wang JM, Orandi BJ, Magee JC, Smith JM, Colombani PM, Segev DL. Age at graft loss after pediatric kidney transplantation: exploring the high-risk age window. *Clin J Am Soc Nephrol.* 2013 Jun;8(6):1019-26. PMID: PMC3675856
  10. Van Arendonk KJ, Garonzik Wang JM, Deshpande NA, James NT, Smith JM, Montgomery RA, Colombani PM, Segev DL. Practice patterns and outcomes in retransplantation among pediatric kidney transplant recipients. *Transplantation.* 2013 Jun 15;95(11):1360-8. PMID: PMC3674132
  11. Van Arendonk KJ, Tymitz KM, Gearhart SL, Stem M, Lidor AO. Outcomes and costs of elective surgery for diverticular disease: a comparison with other diseases requiring colectomy. *JAMA Surg.* 2013 Apr;148(4):316-21.
  12. Van Arendonk KJ, Orandi BJ, James NT, Segev DL, Colombani PM. Living unrelated renal transplantation: a good match for the pediatric candidate? *J Pediatr Surg.* 2013 Jun;48(6):1277-82.
  13. Van Arendonk KJ, James NT, Orandi BJ, Garonzik-Wang JM, Smith JM, Colombani PM, Segev DL. Order of donor type in pediatric kidney transplant recipients requiring retransplantation. *Transplantation.* 2013 Sep 15;96(5):487-93. PMID: PMC3763240
  14. Van Arendonk KJ, Schneider EB, Haider AH, Colombani PM, Stewart FD, Haut ER. Venous thromboembolism after trauma: when do children become adults? *JAMA Surg.* 2013 Dec;148(12):1123-30.
  15. Van Arendonk KJ, Boyarsky BJ, Orandi BJ, James NT, Smith JM, Colombani PM, Segev DL. National trends over 25 years in pediatric kidney transplant outcomes. *Pediatrics.* 2014 Apr;133(4):594-601. PMID: PMC4530294
  16. Orandi BJ, Garonzik-Wang JM, Massie AB, Zachary AA, Montgomery JR, Van Arendonk KJ, Stegall MD, Jordan SC, Oberholzer J, Dunn TB, Ratner LE, Kapur S, Pelletier RP, Roberts JP, Melcher ML, Singh P, Sudan DL, Posner MP, El-Amm JM, Shapiro R, Cooper M, Lipkowitz GS, Rees MA, Marsh CL, Sankari BR, Gerber DA, Nelson PW, Wellen J, Bozorgzadeh A, Gaber AO, Montgomery RA, Segev DL. Quantifying the risk of incompatible kidney transplantation: a multicenter study. *Am J Transplant.* 2014 Jul;14(7):1573-80.
  17. Goldstein SD, Papandria DJ, Aboagye J, Salazar JH, Van Arendonk K, Al-Omar K, Ortega G, Sacco Casamassima MG, Abdullah F. The "weekend effect" in pediatric surgery - increased mortality for children undergoing urgent surgery during the weekend. *J Pediatr Surg.* 2014 Jul;49(7):1087-91.
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- C, Lonze BE, Bagnasco SM, Alachkar N, Kraus ES, Jackson AM, Montgomery RA, Segev DL. Quantifying renal allograft loss following early antibody-mediated rejection. *Am J Transplant*. 2015 Feb;15(2):489-98. PMID: PMC4304875
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  36. Brenn BR, Reddy SK, Van Arendonk KJ, Morgan WM. Perioperative management of an anterior mediastinal teratoma in an infant: one more tool in the toolbox. *BMJ Case Rep*. 2018 Nov 01;2018. PMID: PMC6214393
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- cohort study. *Surgery*. 2022 Sep;172(3):989-996. PMID: PMC9374501
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