

Elizabeth Anne Godbey, MD



Assistant Professor
Associate Director of Transfusion Medicine
Associate Director of Apheresis Department of Pathology
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Licenses & Certifications

Medical Licenses

Virginia

Board Certifications

Anatomic and Clinical Pathology (The American Board of Pathology), 8/2017

Blood Banking/Transfusion Medicine (The American Board of Pathology), 9/2018

Education

Postgraduate Medical Training

Transfusion Medicine Fellowship

New York Blood Center-Columbia University Medical Center

New York, New York

Anatomic and Clinical Pathology Residency (Chief Resident AP/CP)

New York Presbyterian Hospital-Columbia University Medical Center

Department of Pathology and Cell Biology

New York, New York

Medical Education

Columbia University College of Physicians and Surgeons

New York, New York

Awards

College of American Pathologists 2021 President's Honors Award, 9/2021
Shaffer-Wilk-Miller Fellowship, 9/2017-6/2018
AABB Outstanding Abstract Award for Trainees, 10/2016
The Daniel Fink, MD Memorial Prize, 2013
American Society of Clinical Pathology Award for Academic Excellence, 2011
Phi Beta Kappa, 2007
The University of Georgia Foundation Fellowship, 8/2005-5/2009
Lisa Ann Coole Award, 5/2009

Professional Organizations

AABB Member
American Society for Apheresis (ASFA) Member
American Society for Apheresis (ASFA) Donor HPC Subcommittee
College of American Pathologists Transfusion, Apheresis, and Cellular Therapy
Committee Member
College of American Pathologists Fellow Transfusion reviewer
Richmond Academy of Medicine
Virginia Society for Pathology

Recent Invited Presentations

"What is an FDA reportable event in Transfusion Medicine?" Continuing medical education interactive lecture. Virginia Society for Pathology Annual Meeting 11/14/2020. Virtual Meeting due to COVID-19.

"Mayhem at Midnight: A Transfusion Reaction Workshop" Continuing medical education interactive lecture. Virginia Society for Pathology Annual Meeting 11/16/2019 Charlottesville, Virginia.

"Recent Updates in Transfusion Medicine and Apheresis" VCU Surgery Grand Rounds 9/5/2019 Richmond, Virginia.

"RBC Antibodies: A Basic Introduction" New York Presbyterian Hospital-Columbia University Medical Center, Bone Marrow Transplant Nursing Didactic 2/2017

"RhoGam, Pregnancy, and Anti-D Sensitization" Gynuity Health Projects 3/2017

Recent Publications

Peer Reviewed Publications

La Carpia F, Slate A, Bandyopadhyay S, Wojczyk BS, **Godbey EA**, Francis KP, Prestia K, Hod EA. Red blood cell transfusion-induced non-transferrin-bound iron promotes *Pseudomonas aeruginosa* biofilms in human sera and mortality in catheterized mice. *Br J Haematol*. 2021 Nov 2. Online ahead of print. PMID: 34726258

Godbey EA. Whole Blood Transfusion: Past, Present, and Future. *Clin Lab Med*. 2021 Dec;41(4):659-667. PMID: 34689972

Godbey EA, Anderson MR, Bachmann LM, Sanford KW, Wieditz K, Roseff SD. How do we monitor hemoglobin S in patients who undergo red blood cell exchange and take voxelotor? *Transfusion*. 2021 Jun;61(6):1680-1683. PMID: 33880770

Godbey EA. Therapeutic plasma exchange (TPE). PathologyOutlines.com website. <https://www.pathologyoutlines.com/topic/transfusionmedtherapeuticplasmaexchange.html>. February 2021.

Godbey, EA. Educational Commentary: Red Cell Genotyping in Transfusion Medicine. American Proficiency Institute. Posted 2020. DePalma H, **Godbey EA**, Opalka A, et al. Reliability of labeling red cell units with minor antigen historical results and process considerations. *Transfusion*. 2020 Apr;60(4):822-830. PMID: 32086951

Godbey EA, Dalton JB, Lai G, Sanford KW, Roseff SD. First reported case of leukocytapheresis in plasma cell leukemia. *Transfusion*. 2020 Jan;60(1):11-12. PMID: 31682280

Godbey EA, Thibodeaux SR. Ensuring safety of the blood supply in the United States: Donor screening, testing, emerging pathogens, and pathogen inactivation. *Semin Hematol*. 2019 Oct; 56(4): 229-235. PMID: 31836028

Shih AW, Cohn CS, Delaney M, Fontaine MJ, Martin I, Dunbar NM, **SCARED Study Investigators on behalf of the Biomedical Excellence for Safer Transfusion (BEST) Collaborative**. The BEST Criteria improve sensitivity for detecting positive cultures in residual blood components cultured in suspected septic transfusion reactions. *Transfusion* 2019 Jul;59(7):2292-2300. PMID: 31013368

Thomasson, RR, Yazer, MH, Gorham JD, Dunbar NM, **MTP Use Study Investigators**. International Assessment of Massive Transfusion Protocol Contents and Indications for Activation. *Transfusion*. 2019 May;59(5):1637-1643. PMID: 30720872

Godbey EA, Dormesy S, Gowda L, Nandi V, Paradiso S, Sachais BS, Shi PA. A dual strategy to optimize hematopoietic progenitor cell collections: validation of a simple prediction algorithm and use of collect flow rates guided by mononuclear cell count. *Transfusion*. 2019 Feb; 59 (2):659-670. PMID: 30537213

Godbey EA, Schwartz J. Massive transfusion protocols and the use of tranexamic acid. *Curr Opin Hematol*. 2018 Nov; 25(6):482-485. PMID: 30124475

Godbey EA, Schwartz J, and Pham HP. *Transfusion Medicine and Hemostasis*. 3rd ed. Amsterdam (Netherlands): Elsevier; c2019. Chapter 74, Overview of Therapeutic Apheresis; pp455-468

Godbey EA, Schwartz J, and Pham HP. *Transfusion Medicine and Hemostasis*. 3rd ed. Amsterdam (Netherlands): Elsevier; c2019. Chapter 75, Therapeutic Plasma Exchange; pp469-476

Hod EA, **Godbey EA**. The outsider adverse event in transfusion: Inflammation. *Presse Med*. 2016 Jul-Aug; 45(7-8 Pt 2):e325-9. PMID: 27476779

Godbey EA, Sokoll LJ, Rai AJ. *Manual of Molecular and Clinical Laboratory Immunology*, 8th ed. Washington, DC (United States): ASM Press; c2016. Chapter 108, Immunoassay-Based Tumor Marker Measurement: Assays, Applications, and Algorithms; pp1008-1014

Godbey EA, Koehne de Gonzalez A, Son JH, Schwartz J. Dramatic reduction of cryoglobulins after plasma exchange. *Transfusion*. 2015 Jul; 55(7):1599. PMID: 26172146

Boyd NL, Dhara SK, Rekaya R, **Godbey EA**, Hasneen K, Rao RR, West FD, Gerwe BA, Stice SL. BMP4 Promotes Formation of Primitive Vascular Networks in Human Embryonic Stem Cell Derived Embryoid Bodies. *Experimental Biology and Medicine*. 2007 Jun; 232 (6):833-843. PMID: 17526776

Recent Published Abstracts:

Cooling L, Connelly-Smith L, Draper N, Park Y, Alquist C, Fernando L, Schmidt A, Dunbar N, Schwartz J, Kim H, Jones A, **Godbey EA**, Gibson B. Incidence and Risk Factors Associated with Central Venous Catheter Use in Matched, Related Allogeneic Peripheral

Blood Stem Cell Donors: An ASFA HPC Donor Safety Study. J Clin Apher. 2019; 34:80-81. (ASFA May 2019 Annual Meeting Plenary Session oral presentation)

Godbey EA, Dormesy S, Sachais BS, Shi P. Validation of a Simple Prediction Algorithm and an MNC-Guided Collection Flow Rate for Hematopoietic Progenitor Cell Collection in Allogeneic Donors. Transfusion. 2018 Sep 58(S2):72A. (AABB October 2018 poster)

Godbey EA, Desince S, Patel N, Jiang S, Tanhehco YC. Effect of Temperature and Time on Hematopoietic Stem Cell Post-Thaw Viability. Transfusion. 2018 Sep 58(S2):74A. (AABB October 2018 poster)

DePalma H, Parsi M, **Godbey EA**, Westhoff CM. Historical Test Results: Process Considerations for Labeling Red Cells with Non-ABO/D Antigens. Transfusion. 2018 Sep 58(S2):191A-192A. (AABB October 2018 poster)

Godbey EA, Schwartz J. "Trends in Massive Transfusion Protocols at an Academic Medical Center." American Journal of Clinical Pathology. 2018 Sep; 150(S1):S155. (ACLPS June 2018 oral presentation)

Godbey EA, Slate A, Prestia K, Bandyopadhyay S, Whittier S, Wojczyk B, Hod EA. Non-transferrin-bound Iron Derived from RBC Transfusion Contributes to *Pseudomonas aeruginosa* Biofilm Formation. Transfusion. 2016 Sep; 56(S1):4A. (AABB Annual Meeting Plenary Session October 2016)