**Matthew R. Grossman, MD**

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# **Education:**

1992-1996 B.A. Psychobiology, Swarthmore College, Swarthmore, PA

Graduated with distinction

1997-1998 Post-Baccalaureate classes, Hunter College. New York, NY

1999-2003 M.D. SUNY Stony Brook School of Medicine**,** Stony Brook, NY

2010 Yale New Haven Health System Physician Leadership Development Program Certificate, Yale School of Management, New Haven, CT

2010-2011 Medical Education Fellowship, Yale University School of Medicine

2014-2015 Intermediate Improvement Science Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH

2015-2017 Yale Medicine Emerging Leaders Program, Yale School of Management, New Haven, CT

## **Career/ Academic Appointments:**

2003-2004 Intern, Pediatrics, Yale New Haven Children’s Hospital, New Haven, CT

2004-2006 Resident, Pediatrics, Yale-New Haven Children’s Hospital,

 New Haven, CT

2006-Present Assistant Professor, Dept of Pediatrics, Yale Univ., School of Medicine

**Administrative Positions:**

2006-2011 Medical Director, Infant-Toddler Unit, Yale-New Haven Children’s

 Hospital

2011-2013 Medical Director, Short Stay Unit, Yale-New Haven Children’s

 Hospital

2009-2014 Associate Director, Pediatric Residency Program, Yale-New Haven

 Hospital

2014-2016 Deputy Director, Pediatric Residency Program, Yale-New Haven

 Hospital

2012-2013 Interim Quality and Safety Officer, Yale-New Haven Children’s Hospital

2013-Present Quality and Safety Officer, Yale-New Haven Children’s Hospital

## **Board Certification**

### 2007 Diplomate, General Pediatrics, American Board of Pediatrics

## **Professional Societies and Organizations**

2003-Present American Academy of Pediatrics

## **Profession Honors and Recognition**

**National**

2016 Children’s Hospital Association Pediatric Quality Award, Overall Winner and

 Clinical Care category winner

**Yale-New Haven Hospital**

2016 The Joseph A. Zaccagnino Patient Safety and Clinical Quality Award

2015 The Joseph A. Zaccagnino Patient Safety and Clinical Quality Award

**Yale School of Medicine**

2017 Faculty Teaching Honor Roll, Department of Pediatrics

2016 Faculty Teaching Honor Roll, Department of Pediatrics

2014 The Alvan Feinstein Award – Yale School of Medicine

 “for outstanding teaching of clinical skills”

2010 The Charles W. Bohmfalk Teaching Prize – Yale School of Medicine

 “for teaching in the clinical sciences”

2007 Howard A. Pearson Pediatric Faculty Teaching Award, Yale School of

 Medicine

2006 Morris Y. Krosnick Award, Resident Award Yale-New Haven Children’s Hospital

 “…for dedication, compassion and caring”

**Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:**

**National**

2017 Illinois Perinatal Quality Collaborative Conference 2017, Keynote Speaker,

 Chicago, IL “Neonatal Abstinence Syndrome: A New Approach”

2017 National Association of Neonatal Nurses Annual Conference, Providence, RI

 “Neonatal Abstinence Syndrome: A New Approach”

2017 Grand Rounds, Brody School of Medicine, Department of Pediatrics, Greenville,

 NC “Neonatal Abstinence Syndrome: Rethinking Our Approach”

2017 Perinatal Substance Use, Indiana Hospital Association, Indianapolis, IN

 “Neonatal Abstinence Syndrome: Reconsidering the Standard Approach”

2017 NeoQIC Fall Conference, Farmington, MA. Keynote Speaker

 “Neonatal Abstinence Syndrome: A New Approach”

2017 NAS Regional Meeting, Wentworth-Douglass Hospital, Dover, NH

 “Neonatal Abstinence Syndrome: A New Approach”

2017 Grand Rounds, Cardinal Glennon Children’s Hospital, St. Louis University,

St. Louis, MO “Neonatal Abstinence Syndrome: Rethinking Our Approach”

2017 Maryland NAS Collaborative, Webinar speaker, “An Initiative to Improve the Quality of Care of Infants with NAS”

2017 Grand Rounds, Christus St. Vincent Regional Medical Center, Santa Fe, NM

 “Neonatal Abstinence Syndrome: Rethinking Our Approach”

2017 Grand Rounds, NYU Langone Department of Pediatrics, New York, NY “Neonatal Abstinence Syndrome: Questioning the Standard Approach”

2016 American Academy of Pediatrics Section on Hospital Medicine LISTSERV Live

Webinar Series “Neonatal Abstinence Syndrome: Reconsidering the Standard Approach”

2016 Briefing to the Congressional Baby Caucus, Washington D.C. “Neonatal Abstinence Syndrome: Rethinking Our Approach”

2016 3rd Annual Birthing Hospital Conference – Keynote Speaker, Marlborough, MA “Neonatal Abstinence Syndrome: A New Approach”

2016 NAS Quality Improvement: Shared Experience from Dartmouth and Yale, Boston

Medical Center, Boston, MA “Neonatal Abstinence Syndrome: Rethinking Our Approach”

2016 New England Regional Child Fatality Meeting – Keynote Speaker, Hartford, CT “Neonatal Abstinence Syndrome and Mortality: Rethinking Our Approach”

2015 American Academy of Clinical Hospital Medicine Conference, San Diego, CA “Parenteral Nutrition”

2015 American Academy of Clinical Hospital Medicine Conference, San Diego, CA “Neonatal Abstinence Syndrome: An Evolving Approach”

2015 Western Michigan University Autumn Awareness: A Multidisciplinary Approach to Family Centered Care, Benton Harbor, MI “Neonatal Abstinence Syndrome: An Evolving Approach”

2015 Grand Round, Orange County Medical Center, Department of Pediatrics, Middletown, NY “Neonatal Abstinence Syndrome: An Evolving Approach”

2014 Grand Rounds, Dartmouth-Hitchcock Medical Center, Department of Pediatrics Hanover, NH, “Get Out of the Way: An Evolving Approach to Managing Neonatal Abstinence Syndrome”

**Regional**

2017 Women, Babies, and the Opioid Epidemic: A Multi-System Approach, Connecticut Women’s Consortium, Hamden, CT. “Neonatal Abstinence Syndrome: Rethinking Our Approach.

2017 Pediatric Lecture, Bristol Hospital, Bristol, CT “Neonatal Abstinence Syndrome: The Yale Journey”

2017 Neonatal Lecture, Charlotte Hungerford Hospital, Torrington, CT “Neonatal Abstinence Syndrome: The Yale Journey”

2017 Connecticut Perinatal Quality Collaborative: Opioid Dependence, from Pregnancy to Postpartum to Community, Connecticut Hospital Association, Wallingford, CT “Neonatal Abstinence Syndrome: The Yale Journey”

2017 Neonatal Lecture, Middlesex Hospital, Middletown, CT *“*Neonatal Abstinence Syndrome: a patient centered approach”

2017 Grand Rounds, Bridgeport Hospital Department of Pediatrics, Bridgeport, CT “Quality and Safety at Yale-New Haven Children’s Hospital: A Review of 2016”

2016 Grand Rounds, Lawrence & Memorial Hospital Department of Pediatrics, New London, CT “Hyperbilirubinemia in the Newborn”

2015 Grand Rounds, Bridgeport Hospital Department of Pediatrics, Bridgeport, CT “Osteomyelitis in Pediatric Patients”

2014 Grand Rounds, Bridgeport Hospital Department of Pediatrics, Bridgeport, CT “Quality and Patient Safety at Yale-New Haven Children’s Hospital”

2012 Grand Rounds, Bridgeport Hospital Department of Pediatrics, Bridgeport, CT “Cases from Yale: Cognitive Bias”

2011 Lawrence and Memorial Hospital Department of Pediatrics, New London, CT “Rapid Response Systems”

2011 Neonatal Lecture, Middlesex Hospital Department of Pediatrics, Middletown, CT “NAS – The Yale Experience”

2010 Grand Rounds, Bridgeport Hospital Department of Pediatrics, Bridgeport, CT “Fever in the Infant”

**Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale:**

**National**

2017 Pediatric Hospital Medicine 2017 Meeting, Nashville, TN, Platform Presentation

“Achieving the Triple Aim for Opioid-Exposed Newborns: Innovations in NAS”

2017 Pediatric Academic Societies 2017 Meeting, San Francisco, CA, Platform

Presentation: “A Novel Approach to Evaluating and Treating Infants with Neonatal Abstinence Syndrome”

2016 Society of Hospital Medicine Annual Meeting, San Diego, CA, Session: “Neonatal Abstinence Syndrome: Rethinking Our Approach”

2016 Children’s Hospital Association Quality Conference, New Orleans, LA, Session: “Sustained reduction in length of stay for neonates with neonatal abstinence syndrome”

2016 Poster presentation at Children’s Hospital Association Quality Conference, New Orleans, LA Edwards L, Ciaburri R, **Grossman M**, “Using a Checklist to Prevent CAUTI in the Children’s Hospital”

2015 Children’s Hospital Association Quality and Safety in Children’s Health Conference, San Francisco, CA, Plenary Session: “Morning Safety Report: Creating A High Reliability Children’s Hospital”

2015 Poster Presentation at Institute for Health Care Improvement 27th Annual National Forum, Orlando, FL, **Grossman M**, Berkwitt A, Osborn R, Taylor C, Bizzarro M, “Reduction in Length of Stay for Neonates with Neonatal Abstinence Syndrome Through Non-Pharmacologic Interventions”

2015 Poster Presentation at New England Neonatology Quality and Safety Forum, Springfield, MA **Grossman M**, Berkwitt A, Osborn R, Taylor C, Bizzarro M, “Neonatal Abstinence Syndrome: A Baby Centered Approach”

2015 Poster Presentation at Pediatric Academic Society, San Diego. **Grossman M**, Berkwitt A, Osborn R, “Neonatal Abstinence Syndrome: Management on an Inpatient Unit vs. NICU”

2015 Poster Presentation at Pediatric Academic Society, San Diego, CA, Berkwitt A, **Grossman M**. “A Qualitative Analysis of Pediatric Patient Attitudes Regarding Family-Centered Rounds”

2015 Poster Presentation at Children’s Hospital Association Quality and Safety in Children’s Health Forum, San Francisco, CA, Cullion K, Marquez A, Foster L, Fuchs S, Mannarino C, Osborn R, **Grossman M**. “Standardized Medication Reconciliation Reduces Medication Errors in the PICU”

2014 Children’s Hospital Association Quality and Safety in Children’s Health Conference, Orlando, FL, Session: “Developing a Family Centered Quality Culture”

2014 Poster Presentation at Pediatric Academic Society, Vancouver, CA, **Grossman M,** Flyer J, Osborn R, “Family Centered Rounds in an Academic Center: Including All Pediatric Patients”

2014 Poster Presentation at Pediatric Academic Society, Vancouver, CA, Berkwitt A, Osborn R, **Grossman M**. “The Utility of a 6-Hour Rebound Bilirubin in the Management of Indirect Hyperbilirubinemia”

2011 Poster Presentation at NACHRI Conference, Seattle, WA, **Grossman MR**, Donovan D, Ciaburri R. “Home for Brunch: Increasing 11AM Discharges”

2010 Poster Presentation at AAP NCE, San Francisco, CA Nguyen SN, Schumacher D, **Grossman MR**. “Stridor in an 8-week old Infant”,

**Professional Service**

**Advisory Boards**

2017-Present Member, Advisory Committee for the Neonatal Abstinence Syndrome

 Comprehensive Education and Needs Training Project – Connecticut

 Hospital Association

**Journal Service:**

Reviewer:

2015-present Reviewer for *Hospital Pediatrics, Journal of Hospital Medicine, Journal of Pediatrics, Pediatrics*

**Public Service**

2016-Present Co-chair, Connecticut Alcohol and Drug Policy Council, sub-committee

 on prevention and early intervention

2015-Present Member, Connecticut Keeping Infants Drug-free (K.I.D.) Core Team,

2015-Present Member, Connecticut Alcohol and Drug Policy Council

**Yale University Service**

***University Committees***

2017-Present Member, Yale Medicine Quality Committee

2015-Present Member, Yale-New Haven Hospital Clinical Advisory Board

***Hospital Committees***

2018 Senior Clinical Leadership Council

2017- Yale-New Haven Health System Quality Council

2017- Yale Health Quality Advisory Board

2017- Yale Medicine Quality Council

2016- Yale-New Haven Hospital Pharmacy and Therapeutics Committee

2016- Chair, Pediatric Formulary Integration Committee

2016- Yale-New Haven Hospital Medical Leadership Council

2016- Yale-New Haven Hospital Joint Leadership Council

2015-2016 Yale-New Haven Hospital Quality Task Force

2013-Present Yale-New Haven Children’s Hospital Quality Leader, Children’s

 Hospital Solutions for Patient Safety

2012-Present Patient Safety and Quality Committee, Yale-New Haven Hospital

2011-Present Yale-New Haven Children’s Hospital Executive Steering Committee

2008-Present Children’s Hospital Quality and Safety Committee, Yale-New Haven

 Children’s Hospital

2007-Present Children’s Hospital Operations Group, Yale-New Haven Children’s

 Hospital

2011-2013 Epic Implementation-Physician Champion, Yale-New Haven Health

2006-2011 Inpatient Operation Committee, Yale-New Haven Children’s Hospital

2006-2011 Patient Services Committee, Yale-New Haven Children’s Hospital

2011 Yale-New Haven Children’s Hospital Clinical Consulting – Lawrence &

 Memorial Hospital

### **Bibliography**

**Peer-Reviewed Original Research**

1. Holzenberger M, Jarvis E, Chong C, **Grossman M**, Nottebohm F, Scharff C. “Selective expression of insulin-like growth factor II in the songbird brain.” *Journal of Neuroscience* 1997, 17:6974-6987.
2. Jarvis E, Scharff C, **Grossman M**, Ramos J, Nottebohm F. “For whom the bird sings: context dependent gene expression.” *Neuron*1998, 21(4):775-788.
3. Scharff C, Kirn J, **Grossman M**, Macklis J, Nottebohm F. “Targeted neuronal death affects neuronal replacement and vocal behavior in adult songbirds.” *Neuron* 2000, 25(2):481-492.
4. Berkwitt A, Osborn R, **Grossman M**, “The utility of inpatient rebound bilirubin levels in infants readmitted after birth hospitalization for hyperbilirubinemia” *Hospital Pediatrics* 2015, 5:74-78.
5. Berkwitt A, **Grossman M**, “A qualitative analysis of pediatric patient attitudes regarding family-centered rounds” *Hospital Pediatrics* 2015, 5:357-362.
6. Jones H, Seashore C, Johnson E, Horton E, O’Grady K, Andringa K, **Grossman M**, Whalen B, Holmes A. “Psychometric assessment of the Neonatal Abstinence Scoring System and the MOTHER NAS Scale” *The American Journal on Addictions* 2016, 25(5):370-373.
7. **Grossman M,** Berkwitt A, Osborn R, Xu Y, Esserman D, Shapiro E, Bizzarro M, “An initiative to improve the quality of care of infants with neonatal abstinence syndrome” *Pediatrics* 2017, 139(6):e1-8.
8. **Grossman M**, Seashore C, Holmes A, “Neonatal abstinence syndrome management: a review of recent evidence” *Reviews on Recent Clinical Trials* 2017, 12:1-7.
9. **Grossman M**, Lipshaw M, Osborn R, Berkwitt A “A novel approach to assessing

infants with neonatal abstinence syndrome” *Hospital Pediatrics* 2018, 8(1):1-6.

**Chapters, Books, and Reviews**

1. **Grossman M,** Apparent Life Threatening Events. In Pediatría clínica I y II, 1st edition, eds. A.A. Gomila, P.A. Armelini, J.M. Escalera, M.E. Olocco, E.G. Glatstein, E.C. Rougier. - Córdoba: EDUCC - Editorial de la Universidad Católica de Córdoba, 2012, pp. 331-334.

**Editorials and Commentaries**

1. Berkwitt A, **Grossman M**, “Cognitive Bias in Inpatient Pediatrics” *Hospital Pediatrics* 2014, 4:190-193.
2. Berkwitt A, Osborn R, **Grossman M**. “Walking a tightrope: balancing the risk of diagnostic error in inpatient pediatrics” *Hospital Pediatrics* 2016, 6:566-568.
3. Berkwitt A, **Grossman M**, Osborn R, “Too Much Asthma?” [comment], *Pediatrics* (February 6, 2017)
4. **Grossman M**, Osborn R, Berkwitt A, “Neonatal abstinence syndrome: time for a reappraisal” *Hospital Pediatrics* 2017, 7(2):115-116.
5. **Grossman M**, Osborn R, Berkwitt A, “Buprenorphine for the Neonatal Abstinence Syndrome” [letter to the editor], *N Engl J Med* 2017, 377;10: 996-997.
6. **Grossman M,** “How extensively should physicians screen for opioid exposure among pregnant women?” [point/counter point], *Infectious Diseases in Children*, August 2017.