

Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), the Office of Research on Women's Health (ORWH), the National Heart, Lung, and Blood Institute (NHLBI), Office of Disease Prevention (ODP) National Institutes of Health (NIH), U.S. Department of Health and Human Services (HHS)

Pregnancy and Maternal Conditions That Increase Risk of Morbidity and Mortality Virtual Workshop

Agenda

May 19-20, 2020

Purpose: Maternal mortality rates have increased in the United States. The purpose of this workshop is to develop a research agenda targeted at the clinical causes of maternal morbidity and mortality. An interdisciplinary team of experts will address the question of why women die from these conditions (e.g. postpartum hemorrhage, hypertension, cardiovascular disease, infection, etc.) and what can be done to identify patients at risk, and the interventions required to reduce maternal morbidity and mortality.

Day 1

8:00 Welcome and Opening Remarks

Diana W. Bianchi, MD

Director

Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institutes of Health

8:15 Remarks From HHS

Dorothy Fink, MD

Deputy Assistant Secretary for Women's Health

Director, Office on Women's Health

U.S. Department of Health and Human Services

8:30 Voice of the Participant

Jane Ebot- Bish, PhD

Senior Advisor for the Centers for Civic Impact

Johns Hopkins Krieger School of Arts and Science

8:45 Keynote Speaker- Overview of The Clinical Causes of Maternal Morbidity and Mortality

Dr. Mary D 'Alton, MD

Willard C. Rappleye Professor

Chair of the Department of Obstetrics and Gynecology

Columbia University Irving Medical Center

9:15 Break

9:30 Session I: Intrapartum Causes of Morbidity and Mortality

Focus: Why do women die and how can the deaths be prevented?

Postpartum Hemorrhage: Research, Readiness, Recognition, and Acute Response to Hemorrhage in Normal and Abnormal Placentation

Karin Fox, MD, MEd

Associate Professor and Associate Fellowship Director

Department of Obstetrics and Gynecology

Baylor College of Medicine

Cynthia Wong, MD

Chair and Department Executive Officer

Professor of Obstetrical Anesthesia

University of Iowa Carver College of Medicine

Pre-eclampsia and Eclampsia: Prevention of Acute and Long-Range Mortality

James Roberts, MD

Professor

Magee-Womens Research Institute

Department of Obstetrics, Gynecology and Reproductive Sciences

University of Pittsburgh

Amniotic Fluid Embolism- New Concepts and Advances in Treatment

Steve L. Clark, MD

Professor of Obstetrics and Gynecology

Division of Maternal Fetal Medicine

Baylor College of Medicine

Panel Discussion and Q&A

Moderator:

Kimberly Gregory, MD, MPH

The Miriam Jacobs Chair in Maternal-Fetal Medicine

Professor, Department of Obstetrics and Gynecology

Vice Chair, Women's Healthcare Quality and Performance Improvement

Department of Obstetrics and Gynecology

Cedars-Sinai Medical Center

12:00 Lunch

12:30 Session II: Immediate Postpartum Causes of Morbidity and Mortality

Focus: Diagnostic challenges and updates in treatment and prevention to reduce morbidity and mortality.

Maternal Sepsis: Diagnosis and Management

Alan Thevenet N. Tita, MD, PhD

John C. Hauth Endowed Professor

Vice-Chair for Research

Director of the Center for Women's Reproductive Health

University of Alabama at Birmingham

Venous Thromboembolic Disorders: Prevention, Diagnosis, and Treatment

Alexander Friedman MD, MPH

Associate Professor of Obstetrics and Gynecology

Columbia University

Andra James, MD

Professor of Obstetrics and Gynecology

Duke University School of Medicine

Panel Discussion and Q&A

Moderator:

Elizabeth Howell, MD, MPP

Professor

System Vice Chair for Research

Department of Obstetrics, Gynecology, and Reproductive Science

Icahn School of Medicine at Mount Sinai

2:30 Break

2:45 Session III: Postpartum Causes of Maternal Morbidity and Mortality

Focus: Emphasis on leading causes of maternal morbidity and mortality: cardiovascular disease.

Cardiovascular Disease in Pregnancy: How to Detect and Optimize Postpartum Care?

Afshan Hameed, MD

Maternal Fetal Medicine Specialist and a Cardiologist

Department of Obstetrics, Gynecology, and Cardiology

University of California at Irvine

David Haas, MD
Robert A. Munsick Professor
Vice-Chair for Research
Department of Obstetrics and Gynecology
Indiana University School of Medicine

Peripartum Cardiomyopathy

Dennis McNamara, MD
Professor of Medicine
Director of Center for Heart Failure Research
University of Pittsburgh Medical Center

Maternal Stroke

Eliza Miller, MD
Assistant Professor of Neurology
Vascular Neurologist, Division of Stroke and Cerebrovascular Disease
Columbia University

Panel Discussion and Q&A

Moderator:

Lisa Hollier, MD
Professor
Department of Obstetrics and Gynecology
Baylor College of Medicine

Panelist:

Janet Rich-Edwards, ScD, MPH
Director, Developmental Epidemiology
Connors Center for Women's Health and Gender Biology
Associate Professor of Medicine at Harvard Medical School
Harvard T.H. Chan School of Public Health

5:30 Summary and Closing Remarks

Day 2

8:15 **Welcome and Opening Remarks**

Janine Clayton, MD
NIH Associate Director for Research on Women's Health
Director, Office of Research on Women's Health
National Institutes of Health

8:30 **Session IV (a) Maternal Conditions That Increase Risk of Morbidity and Mortality**

Focus: Optimizing the care of mothers with medical conditions during pregnancy and beyond.

Chronic Hypertension: Pharmacologic Management in Pregnancy and Superimposed Pre-Eclampsia

Suzanne Oparil, MD
Distinguished Professor of Medicine
Professor of Cell, Developmental and Integrative Biology
Director, Vascular Biology and Hypertension Program
Department of Medicine, Division of Cardiovascular Disease
University of Alabama at Birmingham

Sleep Disordered Breathing: Diagnosis and Management During Pregnancy and Implications for Cardiometabolic Risk

Ghada Bourjeily, MD
Professor of Medicine
Director of Women's Health Research
Women's Medicine Collaborative at The Miriam Hospital
Warren Alpert Medical School of Brown University

Pulmonary Hypertension Before, During, and After Pregnancy

Corey Ventetuolo, MD, MS
Assistant Professor of Medicine
Associate Professor of Health Services, Policy, and Practice
Brown Alpert Medical School of Brown University

Pre-Existing Chronic Kidney Disease, Acute Kidney Injury and Maternal Pregnancy Complications

Vesna Garovic, MD, PhD
Professor
Department of Internal Medicine
Division of Nephrology and Hypertension

Mayo Clinic

Gestational Diabetes: A Metabolic Stress Test and Harbinger of Future Metabolic Dysfunction

Patrick Catalano, MD

Professor

Vice Chair of Obstetrics and Gynecology Research

Mother Infant Research Institute

Tufts University School of Medicine

11:00 Break

11:15 Panel Discussion and Q&A

Moderator:

Judette Louis MD, MPH

President, Society for Maternal Fetal Medicine

James M. Ingram Professor

Department Chair of Obstetrics and Gynecology

Morsani College of Medicine

University of South Florida

Panelist:

Lisa Levine, MD, MSCE

Assistant Professor, Maternal Fetal Medicine

Maternal and Child Health Research Center

University of Pennsylvania

12:00 Session IV (b) Maternal Conditions that Increase Risks of Morbidity or Mortality

Focus: Optimizing the care of mothers with medical conditions during pregnancy.

Substance Use Disorders During Pregnancy and the Postpartum Period: What We Know and Need to Know

Hendrée Jones, PhD

Professor in the Department of Obstetrics and Gynecology

University of North Carolina in Chapel Hill

Pregnancy Complications and Outcomes Among Women with Intellectual and Developmental Disabilities

Monika Mitra, PhD

Nancy Lurie Marks Associate Professor of Disability Policy

Director, Lurie Institute for Disability Policy

Heller School for Social Policy and Management

Brandeis University

Panel Discussion and Q&A

Moderator:

Michael Lu, MD, MS, MPH
Dean, School of Public Health
University of California Berkeley

Panelist:

Morénike Giwa Onaiwu, MA
Global Advocate, Educator
Autistic Women & Nonbinary Network

1:30 Lunch

2:30 Session V: Mental Health Conditions

Focus: Optimizing the care of mothers with medical conditions during pregnancy and postpartum.

Pregnancy as a Sensitive Period of Psychobiological Maternal Development: Implications for Psychopathology and Birth Outcomes

Laura Glynn, PhD
Professor of Psychology
Associate Dean for Research
Chapman University

Catherine Monk, PhD
Professor of Medical Psychology
Director, Women's Mental Health at Obstetrics and Gynecology
Columbia University Medical Center

Risk-Benefit Trade-Off for Psychiatric Medications in Pregnancy

Krista F. Huybrechts, PhD, MS
Associate Professor of Medicine
Harvard Medical School
Brigham and Women's Hospital

Pregnancy-Associated Mortality and Morbidity from Substance Abuse, Self-Harm, and Violence

Sidra Goldman-Mellor, PhD
Assistant Professor of Public Health
University of California, Merced

Claire Margerison, PhD
Associate Professor
Department of Epidemiology and Biostatistics
Michigan State University

4:15 Break

4:30 Panel Discussion and Q&A

Moderator/Panelist:

Childbirth Triggered Posttraumatic Stress Disorder

Sharon Dekel, PhD
Assistant Professor of Psychology
Department of Psychiatry
Harvard Medical School
Massachusetts General Hospital

5:15 Gaps and Next Steps and Final Wrap Up