

## **Matthew Bulfin Educational Conference**

(2019 Recordings)

### **AAPLOG and ACPeds ENDURING MATERIAL**

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**Nurse practitioners may receive up to 10.5 credits for completing this activity.**

#### **Physician Assistant**

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#### **Objectives:**

- Identify core ethical principles in Hippocratic and other traditions.
- Discuss current medical or social expectations that challenge ethical principles in Hippocratic.
- Discuss how an objective concept of health and individual moral responsibility guide and support conscientious practice.
- Evaluate emerging ethical issues related to human germline gene editing.
- Cite emerging approaches to gene editing within a broader history of visions of scientific responsibility and associated allocations of authority and responsibility in governing emerging biotechnology.
- Recommend an analysis of the implications and limitations of such approaches for democratic governance in domains of science and technology that touch upon fundamental questions of human integrity, and hence upon deeply held cultural, moral, and religious ideas that form the foundations of constitutional governance in most societies.
- Discuss association between preterm birth and induced abortion.
- List the possible biologic mechanism(s) for abortion and relationship to preterm birth.
- Describe how the Hill criteria for association/causation are met by induced abortion and preterm birth.
- Describe the breast physiology that makes induced abortion a risk for breast cancer.
- Identify the 36 statistically significant epidemiologic studies confirming induced abortion as a risk for breast cancer.
- Discuss the Bradford Hill criteria supporting induced abortion as a causal factor for breast cancer.
- Discuss the impact induced abortion has on breast cancer incidence in the world.
- Describe how the National Academies of Sciences (NAS) Committee ignored a vast professional literature and relied on seriously flawed studies and literature reviews to formulate false conclusions on abortion and mental health.
- Articulate a new protocol for evaluating the scientific integrity of studies on abortion and mental health.
- Discuss application of the new protocol to studies published in the world literatures over the past 25 years pertaining to abortion and mental health (75 individual studies).
- Discuss and synthesize the results of the strongest empirical studies published on post-abortion mental health.
- Discuss the solid clinical evidence for role of extensive psychological evaluation of the transgender patient.
- Discuss how to feel confident about directing the care of the transgender patient.
- Discuss the principle that sex is binary: male or female.

- Discuss why until recently, surgery was performed on neonates without anesthesia.
- Identify scientific and clinical data behind why pain management of premature babies is now the standard of care.
- Identify why there are minimal physiologic differences between a baby in the fetal period of development compared to a baby born prematurely.
- Identify the paradox between what is legally allowed to be done to a fetus compared to what is the medical standard of care for treating pain in a premature infant.
- Discuss the current literature on survival at the limits of viability (22-25 weeks gestation).
- Demonstrate the variability in survivals at 22-23 weeks gestation and review potential causes for such variability.
- Describe the term outcomes for infants surviving at 22-25 weeks gestation.
- Discuss the ethical obligations for hospitals to be transparent in their interpretation of current data and their approach to resuscitation at the edge of viability.
- Cite the new technologies which may challenge the limits of viability.
- Discuss the ethical foundations of medicine.
- compare the Oath of Hippocrates with that of “bioethical” principles such as the Charter of Professionalism.
- Identify ways in which third-party payment raises costs and corrupts the patient-physician relationship.
- List common ethical tenets within healthcare.
- Identify when the personal beliefs of patients and/or health professionals are at risk of being ignored or violated.
- Define acceptable strategies for managing the personal beliefs of patients and healthcare professionals that are morally or ethically objectionable.
- Describe the history of research on the mechanism of action of hormonal contraceptives
- Name the known methods for establishing ovulation.
- Articulate the concerns about embryo formation due to abnormal ovulation, and subsequent embryo loss.
- Describe the limitations of human studies on the consequences of pregnancy termination on mental health.
- Describe the role of animal models in gaining some understanding into human behavior.
- Describe the behavioral and biochemical impact of mid-term drug-induced pregnancy termination in the rat.
- Compare the difference between natural miscarriage and drug-induced pregnancy termination in the rat.
- Discuss the necessity for further investigation/research in relation to drug-induced pregnancy termination.

## Sessions

Available CME	Session Title	Faculty
1.5 HR	Medical Practice Consistent with Hippocratic Principles	Lauris Kaldjian, MD, PhD
1.5 HR	The History of Science Policing Itself	J. Benjamin Hurlbut, PhD
.75 HR	Abortion and Subsequent Pre-term Birth	Byron Calhoun, MD
.75 HR	Induced Abortion and Breast Cancer Risk	Mary Davenport, MD, MS, FACOG
.75 HR	Abortion and Mental Health	Priscilla Coleman, MA, PhD
.75 HR	Bringing Transparency to the Treatment of Transgender Persons	Quentin VanMeter, MD
.75 HR	Pain in a Preborn vs a Premature Baby	Robin Pierucci, MD, MA, FAAP
.75 HR	The Edge of Viability	Martin McCaffrey, MD, Capt USN (Ret)
.75 HR	All for the Patient-Affordable Healthcare that Respects Conscience	Jane Orient, MD
.75 HR	Healthcare Right of Conscience	Gene Rudd, MD
.75 HR	Embryo Formation and Loss During the Use of Hormonal Contraception	Cara Buskmiller, MD
.75 HR	Behavioral and Physiological Consequences of Mid-term Drug-induced Pregnancy Termination in an Animal Model	Stephen Sammut, B.Pharm, PhD and Christina Camilleri, BS
<b>TOTAL HOURS</b>		<b>10.5</b>

## Disclosures

Disclosures for all those in control of the content of this activity. The names of the ineligible companies (within the last 24 months) and the nature of the financial relationship(s). There is no minimum financial threshold. Disclosure of all financial relationships with ineligible companies regardless of the potential relevance of each relationship to the education.

### Activity Planners, Faculty and CMDA CE Review Committee

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### ALL RELEVANT FINANCIAL RELATIONSHIPS WERE MITIGATED.

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