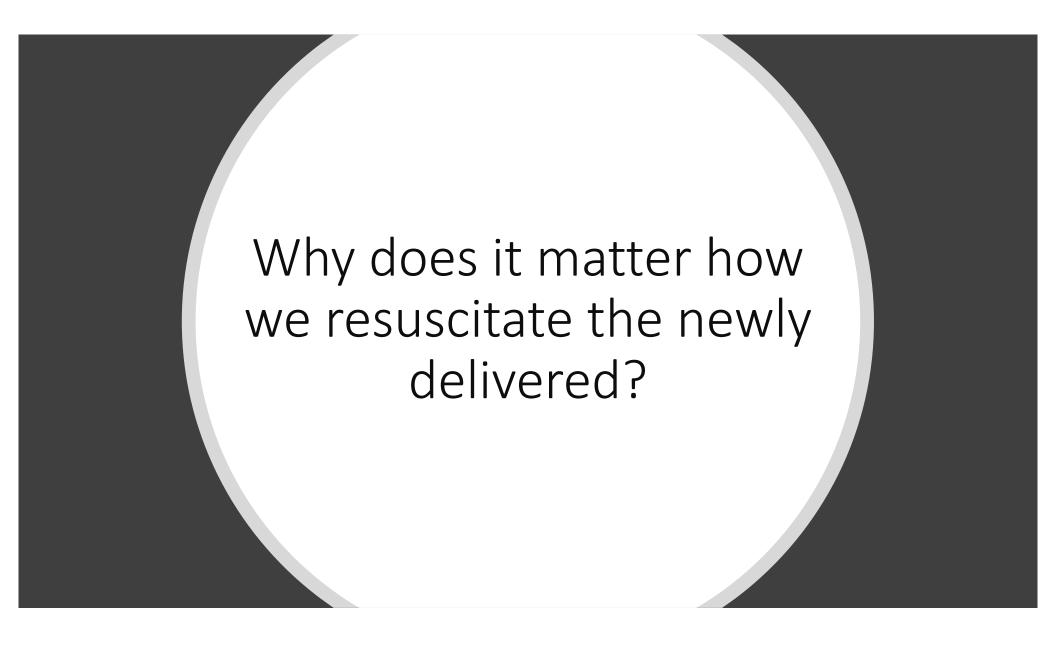
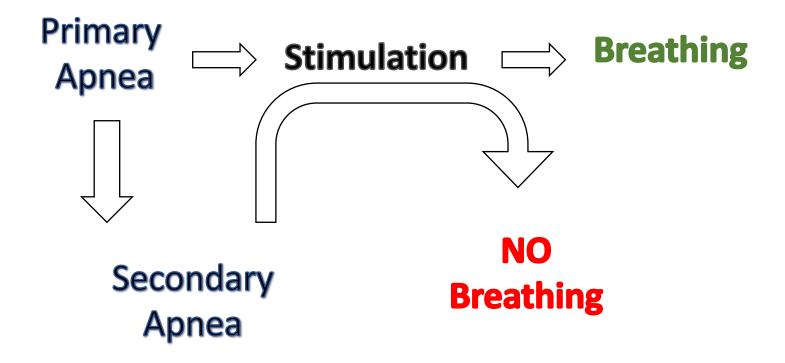


Hey Joelle, why is this being brought up?

- 1. More than 1 neonatal delivery case brought to our local county Prehospital Committee this year
 - No serial HR's documented
 - No documentation of response to stimulation, blow by or PPV
- 2. "Safety Events in High Risk Prehospital Neonatal Calls" Prehospital Emergency Care 2018;22:34-40
 - 4 year review of <30 day olds transported Code 3
 - N = 26
 - Over half (54%) were in 1st 24 hours of life
 - Safety events found in 73% with SEVERE safety events in 38% of all patients







RESUSCITATE EARLY FOR APNEA

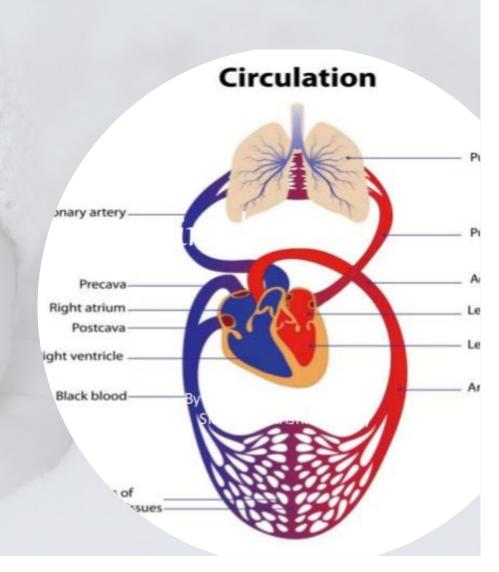
Resuscitation of the newly delivered ... basic steps



Breathing y/n
HR thresholds 100 and 60

As opposed to the no longer newly delivered (aka air breathers)...

- PALS
- Name that dysrhythmia
- Shockable, not shockable?
- Different medications





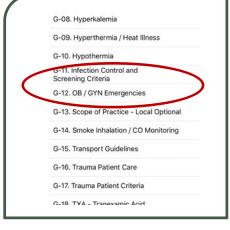
S-127. Dysrhythmias
S-129. Envenomation Injuries
S-130. Environmental Exposure
S-131. Hemodialysis Patient
S-132. Decompression Illness / Diving / Artitude Related Incidents
S-133. Obstetrical Emergencies

(Non-Traumatic)
S-162. Allergic Reaction / Anaphylaxis
S-163. Dysrhythmias
S-164. Envenomation Injuries
S-165. Poisoning / Overdose
S-166. Newborn Deliveries
S-167. Respiratory Distress
S-168. Shock
S-169. Trauma
S-170. Burns
S-172. ALTE (Apparent Life-Threatening Event)/BRUE (Brief Resolved Unexplained Event)
S-173. Pain Management

Protocols completely separated

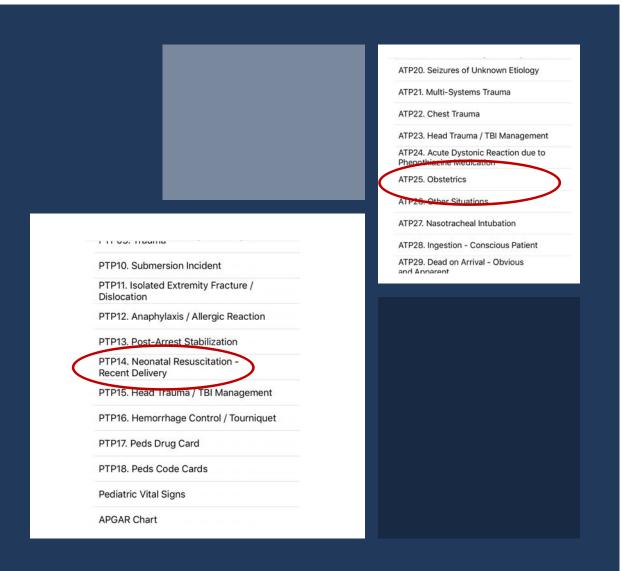
Placed away from mom and in pediatrics

Our Local Protocols



P-02. Anaphylaxis / Allergic Reaction P-03. Altered Level of Consciousness P-04. Brief Resolved Unexplained Event P-05. Bradweerdie P-06. Neonatal Resuscitation R-07. Pain Management P-08. Pediatric Drug Chart P-09. Poisoning / Ingestion / Overdose P-10. Pulseless Arrest: Asystole / PEA P-11. Pulseless Arrest: V-Fib / V-Tach P-12. Respiratory Depression or Apnea (Suspected OD)

More CA protocols



Nearby States

3-3. Allergic Reaction and Anaphylaxis
3-4. Bradycardia
3-5. Hyperglycemia
3-6. Hypoglycemia
3-7. Nausea and/or Vomiting (>2 y/o)
3-8. Neonatal Resuscitation
3-9. Overdose / Toxic Exposure
3-10. Pain Management
3-11. Procedural Sedation
3-12. Seizures
3-13. Shock / Hypoperfusion

2-11. Carbon Monoxide Exposure - Suspected
2-12. Cardiogenic Shock
2-13. Chest Trauma
2-14. Childbirth
2-15. COPD Exacerbation/Bronchospasm
2-16. Crush Injuries
2-17. Eye Injuries and Exposures
2-18. Excited Delirium
2-19. Heat Emergencies
2-20. Hemorrhage Control
2-21. Hyperglycemia

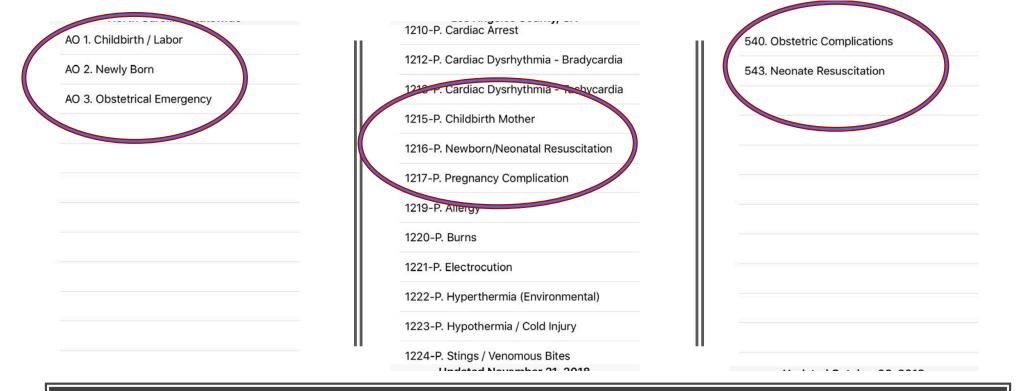
East Coast

NASEMSO Model Guidelines

OB/Gyn NASEMSO Model Guidelines G-01. Childbirth G-02. Eclampsia/Pre-Eclampsia G-03. Obstetrical and Gynecological Conditions

Pediatric NASEMSO Model Guidelines P-01. Brief Resolved Unexplained Event (BRUE) P-02. Pediatric Respiratory Distress (Bronchiolitis) P-03. Pediatric Respiratory Distress (Croup) P-04. Neonatal Resuscitation

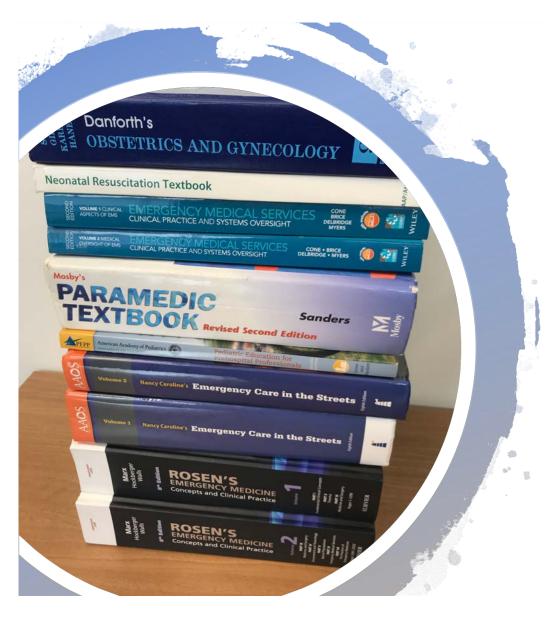
I think you are getting the point



Very few had baby with mom



Started looking through the literature



Obstetrics

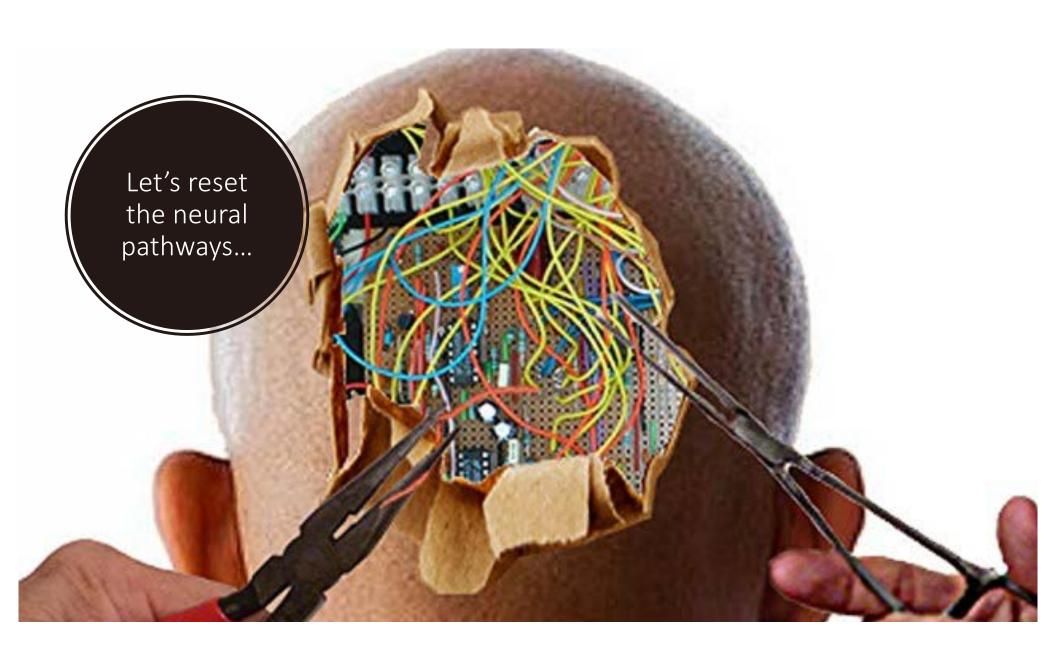
Neonatology

Take away: 2 distinct specialties Each covered SEPARATELY



Reality of EMS and Emergency Department

- One patient becomes two
- Unique high risk, low frequency events can occur at time of delivery... for mom and baby
- You are the obstetrician and the neonatologist











Special scary scenarios that occur only at birth

Educate and train together Keep the protocols TOGETHER





Keep Mom and Baby Together

Thank you
Joelle @PEMEMS jdonofrio@ucsd.edu