Update from the Committee on Fetus and Newborn (COFN)

AAP NCE, Washington DC
October 25th, 2015
Financial Disclosures

- In the past five years, Dr. Cummings has provided paid services to the following:
  - Discovery Labs (consultant)
  - ONY, Inc (consultant)
  - Astellas (data review board)
  - Glaxo-Smith-Kline (data monitoring board)

- Dr. Cummings has no financial holdings in any corporate agency.
What or Who is COFN?

- One of 28 AAP committees; members appointed
  - Chair – *Kristi Watterberg* (4 year total term) (VIII)
  - Members – 7 neonatologists (6 year total term –2x3 y)
    - *Susan Aucott* (III)
    - *James Cummings* (II)
    - *Jay Goldsmith* (VII)
    - *Brenda Poindexter* (V)
    - *Karen Puopolo* (III)
    - *Dan Stewart* (IV)
    - *Eric Eichenwald* (VII)
  - Members designated by sections
    - *William Benitz* (SONPM)
    - *Kasper Wang* (Surgery)
Liaisons

- ACOG (committee chair)  
  *Maria Ann Mascola*

- Canadian Paediatric Society (committee chair)  
  *Thierry Lacaze-MasMonteil*

- Centers for Disease Control  
  *Capt. Wanda D. Barfield*

- National Association of Neonatal Nurses  
  *Erin Keels*

- NICHD  
  *Tonse Raju*
Comparison: SONPM & COFN

- **Section on Neonatal-Perinatal Medicine**
  - open to all interested practitioners
  - focuses on education, advocacy, and practice issues
  - appoints a liaison to COFN, reviews statements

- **Committee on Fetus and Newborn**
  - members are appointed by the Board
  - prepares statements regarding practice, based on issues and advances in perinatal care
  - collaborates with ACOG on perinatal issues and Guidelines for Perinatal Care
Committee Statements

- **Policy Statement**: “Organizational principles to guide and define the child health care system and/or improve the health of all.”
  - *Includes recommendations*
- **Clinical Report**: guidance regarding best practices, state of the art: “does not indicate an exclusive course of treatment or serve as a standard of medical care. Variations, taking into account individual circumstances, may be appropriate.”
  - *Does not include recommendations*
- **Technical Report**: stand alone or as background for Policy Statement
  - *Does not include recommendations*
Committee chooses topic, identify lead author(s)

Review literature, define objectives

Submit intent

Board of Directors reviews intent
AAP Statement Development

- Board of Directors approves intent *
- Reviews by AAP/others
  Author(s) revise(s)
- Executive Staff and Board review
- Write/Revise
  (Input from COFN +/- Consultants)
- Publication (if approved) *2 year deadline
Statement Life Cycle

- All statements are reviewed every 3 years

- Statements expire after 5 years unless:
  - Reaffirmed
  - Revised
  - Retired before that time
Statements Published in the Past Year

• Revisions
  • Hospital stay for healthy term newborn infants (*May, 2015*)
  • Antenatal counseling regarding resuscitation and intensive care before 25 weeks of gestation (*September, 2015*)
  • The Apgar Score (*October, 2015*)

• New statements
  • Skin-to-skin care for term and preterm infants in the neonatal ICU (*September, 2015*)
Hospital Stay for Healthy Term Newborn Infants

- **Policy Statement**, Lead author: *Bill Benitz*

  - The length of stay of a healthy term newborn should be based on the unique characteristics of the mother-infant dyad.
  - The timing of discharge from the hospital should be the decision of the health care provider(s) caring for the mother and her newborn.
  - Adoption of standardized processes, such as predischarge checklists, may facilitate more uniform implementation of these recommendations.
Antenatal Counseling Regarding Resuscitation and Intensive Care Before 25 Weeks of Gestation

- **Clinical Report**, Lead author: *Jim Cummings*

- Fetal gestational age, as currently estimated, is an imprecise predictor of neonatal survival.
- Outcomes of infants delivered at 22 to 24 weeks of gestation vary significantly from center to center.
- It is reasonable that decision-making regarding the delivery room management be individualized and family centered.
- Recognition and management of potential barriers to effective communication, will facilitate an effective discussion.
The Apgar Score

- **Policy Statement**, Lead author: *Kristi Watterberg*

- Apgar scores do not predict individual mortality or neurologic outcome and should not be used for that purpose.

- Apgar scores of less than 5 at 5 and 10 minutes clearly confer an increased risk of cerebral palsy. However, most infants with such Apgar scores will not develop CP.

- It is inappropriate to use the Apgar score alone to establish the diagnosis of asphyxia.
Skin-to-Skin Care for Term and Preterm Infants in the Neonatal ICU

- **Clinical Report**, Lead author: *Jill Baley*

- Skin-to-skin care results improved breastfeeding, milk production, parental satisfaction, and bonding.
- Both parents can be encouraged to provide skin-to-skin care, for both preterm and term infants in the NICU.
- Despite apparent physiologic stability during skin-to-skin care, it is prudent that infants in the NICU have continuous monitoring and attention paid to head positioning and stability of support devices (e.g., endotracheal tube).
What’s in the Pipeline*

- Approved by Board
  - Prevention and management of pain in neonates (w/ Committee on Drugs)
  - Newborn screening for biliary atresia (w/ Section on Surgery)
  - Apnea of prematurity
  - Non-invasive ventilation in the NICU
  - Patent ductus arteriosus

- In preparation or review
  - Oxygen saturation targets for preterm infants
  - Donor human milk† (w/ Committee on Nutrition)
  - Safe sleep and skin-to-skin care in the immediate newborn period for healthy infants (w/ Task Force on SIDS)
  - Care of the umbilical cord
  - Gastrointestinal reflux

* New statements
† Technical Report
New Intents

- Disaster preparedness in the NICU
- Developmental care and sleep safety
  - w/ Task Force on SIDS
- Use of probiotics in preterm infants
Guidelines for Perinatal Care (8th Edition)

- January: joint meeting of COOP/COFN editors
  - COOP: Sarah Kilpatrick and George Macones
  - COFN: Lu-Ann Papile and Kristi Watterberg
- February: chapters/sections assigned to reviewers
- March-July: all chapters/sections revised and updated
- August-October: editorial review and draft prepared
- November: draft to be reviewed at next joint COOP/COFN meeting in November, 2015

- Anticipated publication: May 2017
Thank You!

- Questions or comments?

- Feel free to write me at:
  - CumminJ1@mail.amc.edu
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