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Supporting Organizations

Multiple professional associations are in support of this quality improvement toolkit designed to eliminate non-medically indicated (elective) deliveries before 39 weeks gestational age. Signed letters from the following organizations can be found in Appendix D.

- American Congress of Obstetricians and Gynecologists
  District II (New York)
- American Congress of Obstetricians and Gynecologists
  Illinois Section (District VI)
- American Congress of Obstetricians and Gynecologists
  District IX (California)
- American Congress of Obstetricians and Gynecologists
  FACOG (Florida)
- American Congress of Obstetricians and Gynecologists
  District XI (Texas)
- Association of Women’s Health, Obstetric and Neonatal Nurses (AWHONN)
  • National
  • California
Elimination of Non-medically Indicated (Elective) Deliveries Before 39 Weeks Gestational Age

Executive Summary

Efforts to improve the quality and safety of perinatal care have received increased focus during recent years.\textsuperscript{1-8} Research has shown that early elective delivery without medical or obstetrical indication is linked to neonatal morbidities with no benefit to the mother or infant.\textsuperscript{7} The American Congress of Obstetricians and Gynecologists (ACOG) publications, (1979, 1999, 2009) have consistently advised against non-medically indicated elective deliveries prior to 39 weeks gestation.\textsuperscript{9-11}

Despite ACOG guidelines, elective early labor inductions and cesarean sections are common and increasing in the United States and are creating concern about trends in current obstetric practice.\textsuperscript{7, 12-15} Educating healthcare providers about morbidities associated with practice trends fosters evidence-based decision-making and leads to improved practices that reduce harm. \textit{There are numerous maternal and fetal medical indications for deliveries prior to 39 weeks gestation.} This toolkit, developed for clinicians, focuses on reducing non-medically indicated inductions and cesarean sections. \textit{In addition, the focus of this toolkit on less than (<) 39-week non-medically indicated elective deliveries is not meant to imply that elective deliveries after 39 weeks have been proven to be without risks for mothers and infants.}

Definitions of “full-term” and weeks of gestation that define safe birth are commonly misunderstood by the general public. A survey of insured women who recently gave birth found that only 25.2\% of women defined full-term as 39-40 weeks.\textsuperscript{16} But, more importantly, 92.4\% of women reported that giving birth before 39 weeks was safe.\textsuperscript{16} It is important to educate women about the potential negative outcomes of early deliveries and the critical fetal development that occurs during the last weeks of pregnancy.

Multiple national quality organizations, including The Joint Commission (TJC), National Quality Forum (NQF), and The Leapfrog Group (LFG), identified elective deliveries prior to 39 weeks (induction of labor and cesarean section) as a key quality indicator for obstetric hospital care.\textsuperscript{4} This toolkit is applicable to singleton pregnancies only, similar to national quality measures. Medical indications for deliveries <39 weeks, as defined by these national quality organizations, are listed in the Data Collection / QI Measurement section of the toolkit.

This toolkit incorporates policies and tools used successfully at multiple hospitals in the United States. It outlines best practices and provides support materials and guidance for implementing a quality improvement (QI) project around reducing elective deliveries before 39 weeks gestation. In addition, the toolkit provides methods to identify improvement opportunities and outlines techniques for measuring process and outcome improvements. It is organized into the following sections to facilitate improvements in hospitals at any stage of change for eliminating births <39 weeks.

- **Making the Case**: A comprehensive literature review about the importance of eliminating elective deliveries before 39 weeks.
- **Implementation**: A step-by-step guide to assist hospital leaders with implementation efforts.
- **Data Collection and Quality Improvement**: A guide for measuring and tracking QI effectiveness over time.
- **Clinician and Patient Education**: Educational tools for clinicians and staff about consequences of early elective delivery; educational tools for patients about the importance of the last weeks of pregnancy.
- **Appendices and References**: Sample Forms, Hospital Case Studies, QI Implementation Tools, Plan-Do-Study-Act (PDSA) Methodology, Implementation Resources and References.

The March of Dimes, the California Maternal Quality Care Collaborative, and the California Department of Public Health, Maternal, Child, and Adolescent Health Division collaborated to develop and disseminate this toolkit. Academic and clinical leaders in California and across the United States contributed as writers and reviewers. The goal of this toolkit is to guide and support obstetric providers, clinical staff, hospitals, and healthcare organizations to develop efficient and successful quality improvement programs to eliminate elective deliveries <39 weeks gestation.