



I have a dream that one day ... little black boys and black girls will be able to join hands with little white boys and white girls and walk together as sisters and brothers.

Martin Luther King, Jr (1963)





















# **Genetics?**









# **Prenatal Care?**



















Stressf	ul Life	e Events & Pretern	n Birth
	American Journal of Obstetrics a	nd Gyneoslogy (2006) 191, 691–9 MAREICAN JOURSAL OBSTETIALCS GYNEGOLOGY www.davier.com/beast/pigg	
	<b>stressful life</b> Michael C. Lu, MD, Department of Obstetrics a Health Sciences <sup>b</sup> and the C Los Angeles, Calif	nnic disparities in preterm birth: The role of events MPH, <sup>a,b,c,*</sup> Belinda Chen, MPH <sup>b</sup> ad Gynecology, David Geffer School of Medicine at UCLA? Department of Community or for Haldher Calibare, Eardhie and Communities? UCLA School of Public Health. ary 7, 2004; revised March 10, 2004; accepted April 33, 2004	
	KEY WORDS Protern Nieth Racial-ethnic disparity Stressful life event	Objectives The purpose of this study was to examine racial ethnic disputition in strendal life events and ra- before and during preparatory and to assess the relationship between strendal life events and ra- cial-thin disputsions in preem bink. Study design Using data from the Preparacy Rid. Accessment Monitoring System, we conducted a retrospective coordination of a standard strends of the strends of the standard strends of the strends	





# Multiple Risk Factors?







































































	CP	CP		DD/MR	
	Hazard ratio	95% CI	Hazard ratio	95% CI	
Crude hazard ratios					
Gestational age (weeks)					
30-33	9.09	6.36-12.99	2.17	1.56-3.03	
34-36	3.68	2.79-4.87	1.36	1.11-1.66	
37-41 (reference)	1.00		1.00		
≥42	0.91	0.34-2.46	1.02	0.66-1.56	
Adjusted hazard ratios*					
Gestational age (weeks)					
30-33	7.87	5.38-11.51	1.90	1.34-2.71	
34-36	3.39	2.54-4.52	1.25	1.01-1.54	
37-41 (reference)	1.00		1.00		
≥42	0.90	0.34-2.43	1.01	0.66-1.55	
Adjusted for maternal race/ethnic	ity, infant sex, multiple gestati	on, SGA, and LGA.			



Adverse neonatal outcomes: exa	amining the risks
between preterm, late preterm,	
Jamie A. Bastek, MD; Mary D. Sammel, ScD; Emmanuelle Paré, Sindhu K. Srinivas, MD; Michael A. Posencheg, MD; Michal A. I	
OBJECTIVE: There is a relative paucity of data regarding neonatal out- comes in the late preterm cohort (34 to 36 6/7 weeks). This study sought to assess differences in adverse outcomes between infants de- livering 32 to 33 6/7, 34 to 36 6/7 weeks, and 37 weeks or later. STUDY DESIGN: Data were collected as part of a retrospective cohort.	<b>RESULTS:</b> Late preterm infants have increased risk of adverse outcomes, compared with term infants. Controlling for confounders, there was a 23% decrease in adverse outcomes with each week of advancing gestational age between 32 and 39 completed weeks (relative risk 0.77, $P < .001$ , 95% confidence interval, 0.71-0.84).
study of preterm labor patients (2002-2005). Patients delivering 32 weeks or later were included ( $n=264$ ). The incidence of adverse outcomes was assessed. Significant associations between outcomes and gestational age	<b>CONCLUSION:</b> Further investigation regarding obstetrical management and long-term outcomes for this cohort is warranted.
at delivery were determined using $\chi^2$ analyses and Poisson regression modeled cumulative incidence and controlled for confounders.	Key words: adverse neonatal outcomes, late preterm infant, preterm birth, preterm labor
Cite this article as: Bastek JA, Sammel MD, Paré E, et al. Adverse neonatal outco Obstet Gynecol 2008;199:367.e1-367.e8.	mes: examining the risks between preterm, late preterm, and term infants. Am J
T he preterm birth rate has risen 31% <b>★ EDITORS</b>	CHOICE  MATERIALS AND METHODS Data collection for this study was per-





## Standardizing Criteria for Scheduling Elective Labor Labor Inductorots

across the United States, with rates reaching a high of 21.2% of births in 2003-2004. This article describes the process our institution used to standardize the criteria for scheduling inductions.

Specifically, we aimed to increase the consistency in practice for scheduling and performing elective inductions, including mandating

gestational age of 39 completed weeks, ensuring cervical ripeness, and disallowing the use of cervical ripening agents. The nurses' par-

ticipation, from planning to implementation, was critical in the success of this evidence-based practice change.

Key Words: Induction of labor; Perinatal nursing; Standardization.

Luire, Dunnan, MPH, RN, Larry Vetman, MD, Peggy Davis, BSN, RN, Linda Ferguson, RNC, Margaret Hacker, BSN, RN, Debra Hooker, RN, Kristine Largon, MBA, RN, Jowifer Prietr, BSN, RN, Karbi Tunleager, BSN, RN, and Gerechen Van Hout, BSN, RN

MCN 33

#### Durham L, et al. MCN May/June 2008

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t is imperative that nurses are an integr art of the team that determines the bes					
practice fo	r elective hospit		ons within		
Table 2. Changes to Elec Provider Feedba		lling Process Aft	er 3 Months and		
-	Beginning of trial	After	r feedback from providers		
Personnel and Scheduling	Inductions must be sch provider only (no suppo office allowed to call fo	ort staff from requi	Any provider or staff who has all required information for scheduling can schedule inductions.		
Bishop score	Bishop score must be inductions.	score Multi	Nulliparous patients must have Bishop score >8. Multiparous patients must have Bishop score >6.		
Scheduling time in advance of induction date	Elective inductions can days in advance.		Elective inductions can be scheduled 10 days in advance.		
	Suggested Clinical Perinatal nurses need to be av orteria for elective inductions i supporting it. Adherence to ACOG and IHI re elective inductions requires ge 30 completed weeks and mes 5 Focusing on decreasing variati for increased quality in perinat. Bopials may wart to conside from rate of induction to the a induction. Support of leadership for chan	vare of recommended and the evidence stational age more than surement of Bishop score on in practice may allow al care. Ir shifting their focus ppropriateness of each			

### CLINICAL OPINION

#### www.AJOG.org

#### OBSTETRICS Improved outcomes, fewer cesarean deliveries, and reduced litigation: results of a new paradigm in patient safety

Steven L. Clark, MD; Michael A. Belfort, MD, PhD; Spencer L. Byrum, LCDR (ret.) USCG; Janet A. Meyers, RN; Jonathan B. Perlin, MD, PhD

he Hospital Corporation of America (HCA) is the nation's largest private health care delivery system, providing approximately 220,000 deliveries annually in 120 facilities in 21 states. Representing approximately 5% of all births in the United States, we describe here our assessment and approaches to 4 major challenges in contemporary obstetric practice and the initial results of these initiatives. Notably, and as part of a concerted effort to incorporate the features of high-reliability organizations into HCA's obstetrical services, these interventions have been associated with improved perinatal outcomes, a reduced primary cesarean delivery rate, and lower maternal and fetal injury, with re-

In a health care delivery system with an annual delivery rate of approximately 220,000, a comprehensive redesign of patient safety process was undertaken based on the following principles: (1) uniform processes and procedure result in an improved quality; (2) every member of the obstetric team should be required to halt any process that is deemed to be dangerous; (3) cesarean delivery is best viewed as a process alternative, not an outcome or quality endpoint; (4) malpractice loss is best avoided by reduction in adverse outcomes and the development of unambiguous practice guidelines; and (5) effective peer review is essential to quality medical practice yet may be impossible to achieve at a local level in some departments. Since the inception of this program, we have seen improvements in patient outcomes, a dramatic decline in litigation claims, and a reduction in the primary cesarean delivery rate.

Key words: litigation, patient outcomes, patient safety, quality medical practice

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## *Clark SL, et al. AJOG,* 2008;199:105.e1-105.e7.





















We hold these truths to be self-evident, that all men are created equal ....

Declaration of Independence 1776





