

THE TAKE CHARGE OF YOUR BIRTH SERIES

LABOR INDUCTION

WHY, WHEN,
AND HOW?

GET THE DATA.
MAKE A PLAN.
TAKE CHARGE
OF YOUR BIRTH.

HENCI
GOER



Chapter 1:
The Run-up
to Labor

LABOR INDUCTION: WHY, WHEN, AND HOW?



Figure 1.1: The Cervix During Pregnancy

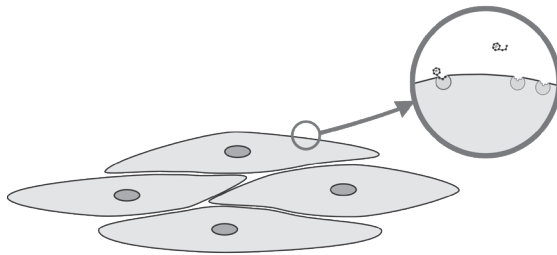


Figure 1.2: Uterine Muscle Cells During Pregnancy



Figure 1.3 a-c: Cervical Effacement

LABOR INDUCTION: WHY, WHEN, AND HOW?

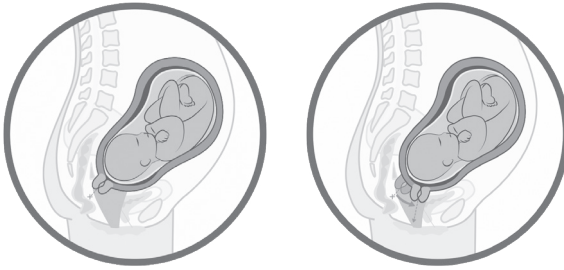


Figure 1.4 a-b: The Cervix Moves Anterior

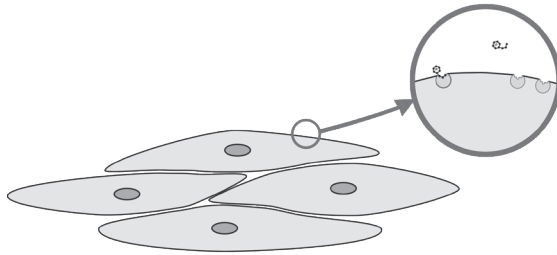


Figure 1.5: Uterine Muscle Cells During Pregnancy

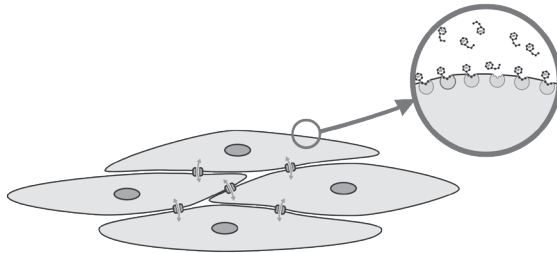


Figure 1.6: Uterine Muscle Cells Primed for Labor

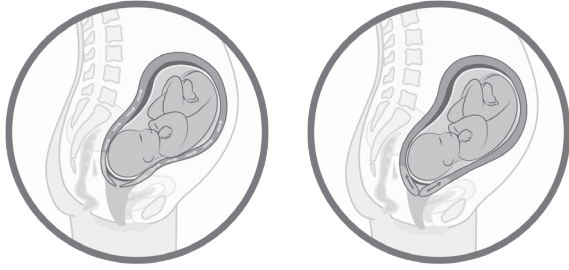


Figure 1.7 a-b: Prelabor Cervical Dilation

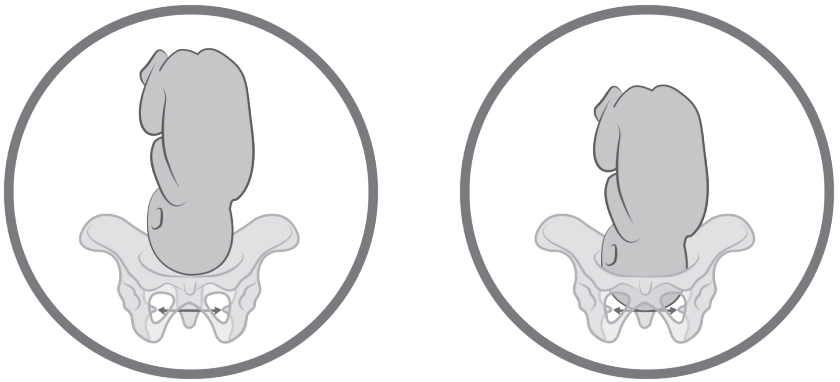


Figure 1.8 a-b: Engagement

Chapter 3:
Suspected
Big Baby

TAKING A DEEPER DIVE

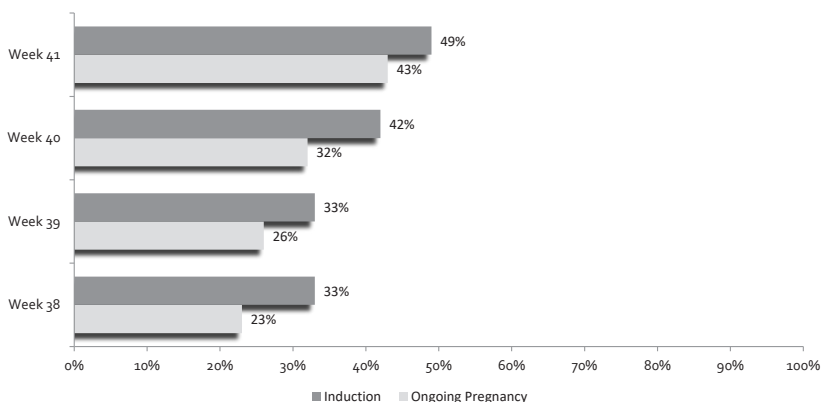
As promised, this section covers a couple of issues that you may be interested in exploring more deeply but that aren't essential to your decision-making process.

DOES PRECAUTIONARY INDUCTION FOR SUSPECTED BIG BABY REDUCE CESAREANS?

To recap, in the main section of this chapter, we looked at whether early term induction, i.e., at 37 or 38 weeks, reduced cesareans compared with labor starting on its own or induction at 39 weeks or later. As I wrote, most studies and reviews found that induction neither decreased nor increased cesareans. I pointed out that participants in those studies included both those having first births and those with prior vaginal births, and that including those with prior vaginal births could mask an effect on those having first births. In support of my theory, I cited a study of first births alone that found a marked increase in cesareans with induction and promised to give you the details here.²⁴

The study I cited compared cesarean rates at first births in each week from week 38 through week 41 in pregnancies where babies weighed in the upper 10 percent for babies of that gestational age—a.k.a. *large for gestational age*—according to whether labor was induced in that week or pregnancy was extended beyond that week. As you can see in figure 3.1, while the cesarean rate in labors with bigger babies increased with advancing pregnancy, in every week, labor was more likely to end in cesarean with induction in that week than if pregnancy was allowed to continue, thereby giving an opportunity to start labor spontaneously. Keep in mind, too, that these were *actual* bigger babies, not just babies *predicted* to be bigger, many of whom would not have fulfilled that prediction.

**Figure 3.1: First Births to Babies Large for Gestational Age
Cesarean Rate with Induction versus Ongoing Pregnancy**



DOES PRECAUTIONARY INDUCTION FOR SUSPECTED BIG BABY PREVENT INJURY TO BABIES AND MOTHERS?

The other issue I promised to discuss is the systematic review that, contrary to other studies, reported a decrease in the incidence of shoulder dystocia with early term precautionary induction for suspected macrosomia.⁹ I said the review suffered from serious weaknesses. Let's see what they are.

To recap, the review pooled data from four *randomized controlled trials* (a study design in which participants are assigned by chance to one form of treatment or another) comparing induction at 37 to 38 weeks versus expectant management, meaning participants might go into labor on their own or might be induced later than 38 weeks. The reviewers concluded that early induction decreased incidence of shoulder dystocia (4 percent vs. 7 percent) and fractures (0.3 percent vs. 2 percent).

More than two-thirds of the 1,190 trial participants overall came from the same one of those four trials, which was helmed by the same investigator as the review.⁸ This meant that when data from the trials were pooled, the results from that trial largely determined the results of the review. As that is the case, let's take a closer look at that trial.

In the trial, 822 participants believed to be carrying babies who were large for gestational age were assigned by chance to either induction between 37 and 39 weeks or to expectant management. Compared with allowing pregnancies to continue to at least 39 weeks, inducing labor at 37 or 38 weeks decreased the incidence of shoulder dystocia (4 percent vs. 8 percent), which in some cases could mean merely a delay of 60 seconds or more between the birth of the head and the body. Early term induction also decreased the occurrence of one or more outcomes in a composite list of adverse outcomes (2 percent vs. 6 percent) comprised of “significant shoulder dystocia,” meaning obstetric manipulation to free the stuck shoulder was required; delay of 60 seconds or more between the birth of the head and the body; fracture; brachial plexus injury; bleeding within the brain; or death.

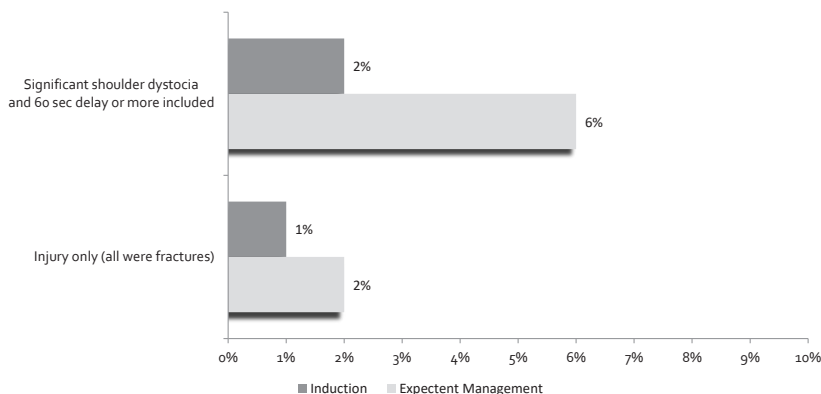
In this study, the devil is in the details.

For one thing, the investigators put their thumb on the scale by making a delay of 60 seconds or more between the birth of the head and the body an indication of “shoulder dystocia.” A delay between the birth of the head and the body isn’t itself a problem; it merely signals there might be a problem—or there might not. The investigators themselves acknowledge that some obstetricians pointed out that this delay may be no more than waiting for the next contraction to birth the baby. Including it, however, inflates the percentage of births identified as being problematic.

For another, “significant shoulder dystocia” and a delay between the birth of the head and the body were included in the investigators’ composite list of adverse outcomes. These may be indicators of a difficult delivery, but they aren’t actual harm to the baby, and harm to the baby is what counts. Figure 3.2 illustrates how including characteristics of a difficult delivery gives a misimpression of the true risk.

Furthermore, reporting adverse outcomes as a composite percentage also misleads as to the true risk. As we saw, the list in this case included fracture, brachial plexus injury, bleeding within the brain, and death; but, in fact, the only adverse event babies experienced was a broken bone, and as I said, while fractures are serious, they heal.

**Figure 3.2: Composite Adverse Outcome Percentages
Induction vs. Expectant Management**



Finally, typical medical management may have contributed to adverse newborn outcomes. Did women deliver on their backs? It quintuples the likelihood of shoulder dystocia compared with side lying,²⁶ and delivering on all fours can both prevent and relieve shoulder dystocia.¹⁰ Did they have epidurals? Epidurals increase the probability of instrumental vaginal delivery,^{5, 16, 25, 35} which increases probability of shoulder dystocia.^{12, 15, 41}

There's something else too. Whether induced or expectantly managed, the cesarean (28 percent vs. 32 percent) and instrumental vaginal delivery (13 percent vs. 17 percent) rates were appallingly high in both groups. Half the participants had already had prior vaginal births, which greatly decreases the likelihood of cesarean, and fewer than one-third of those expectantly managed had a baby weighing 4,000 grams or more. In other words, *the way doctors managed these labors overrides any relationships between induction and newborn outcomes and between induction and cesarean and instrumental deliveries.*

*Chapter 4:
Release of
Membranes
at Term*

Figure 4.1: Newborn Infection Rates

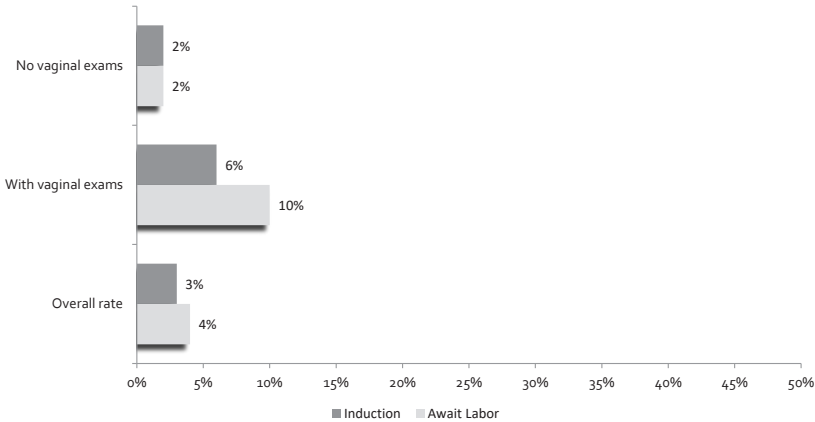
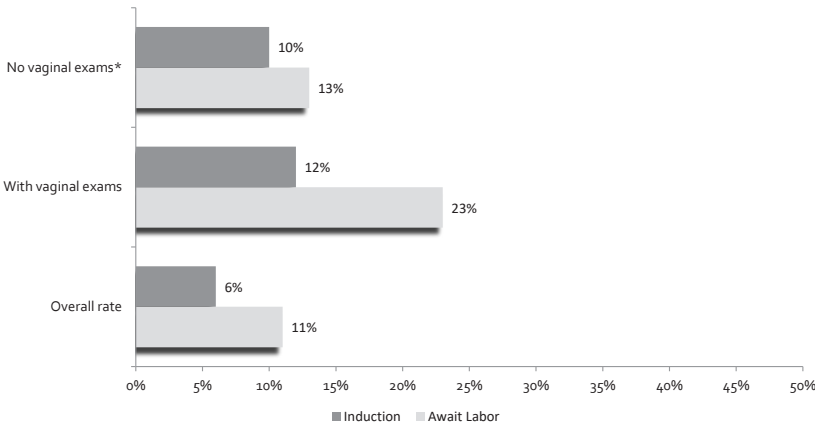
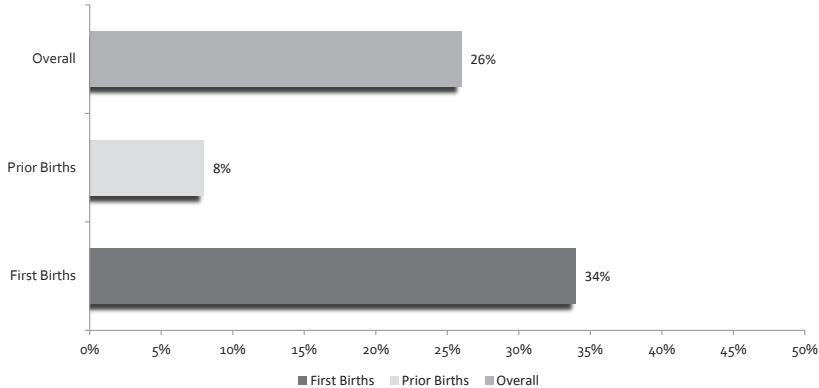


Figure 4.2: Maternal Infectious Morbidity Rates

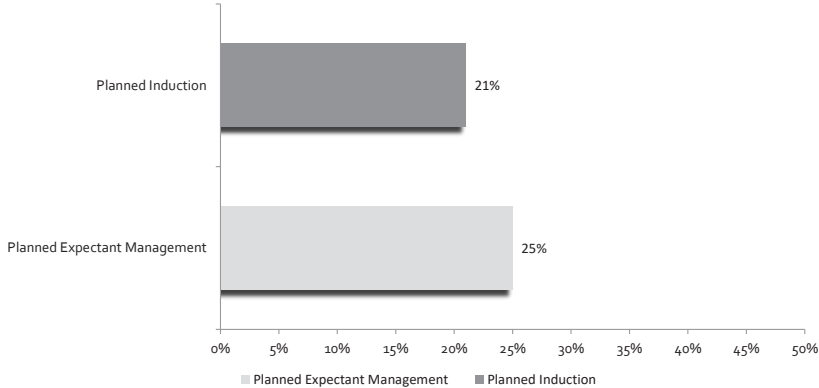


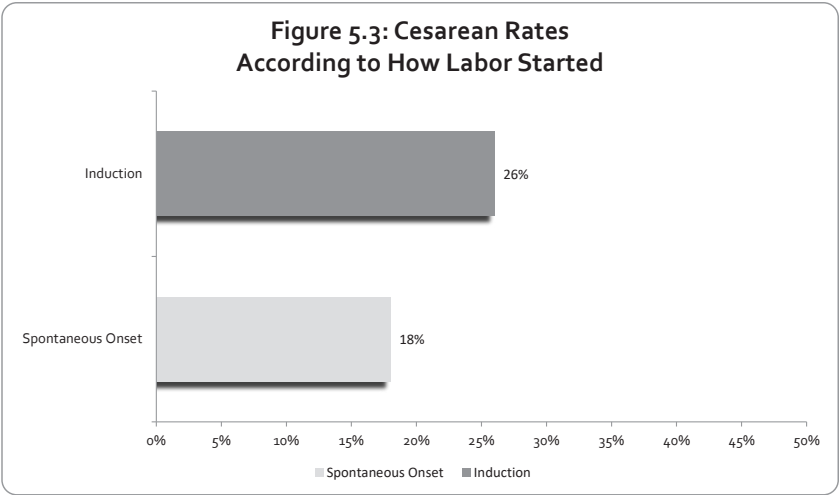
Chapter 5:
Impending
Postterm

**Figure 5.1: Cesarean Rates in the Induction Group
Overall vs. According to Prior Births**



**Figure 5.2: Cesarean Rates
According to Assigned Group**





TAKING A DEEPER DIVE

In the main body of the chapter, I promised more details on some topics for those who might be interested. If you're one of them, we've now arrived at the point where I'll make good on that promise. You'll find each topic listed under the chapter subheading where I first raised it.

IS PRECAUTIONARY INDUCTION BENEFICIAL?

Here are the specifics of how the numbers change when you restrict the Cochrane review's results to those that answer the relevant research question, which is:

Does precautionary induction:

- in a contemporary medical system,
- in a high-resource country,
- in week 41,
- in uncomplicated pregnancies,
- reduce preventable perinatal deaths?

The starting point for perinatal mortality rates in the Cochrane review is:^{9, 34}

- Expectant management: $25/9377 = 27$ per 10,000
- Precautionary induction: $4/9418 = 4$ per 10,000

If we exclude studies not conducted in high-resource countries (Thailand, India, Tunisia, Turkey) and studies that may not represent contemporary care (pre-1990), the rates become:

- Expectant management: $14/7776 = 18$ per 10,000
- Precautionary induction: $3/7772 = 4$ per 10,000

If we eliminate deaths occurring before 41 weeks and stillbirths where the timing of demise is unknown, that is, deaths that couldn't (or probably wouldn't) have been prevented by induction at 41 weeks, the numbers become:

- Expectant management: $9/7776 = 12$ per 10,000
- Precautionary induction: $0/7772 = 0$ per 10,000

If we eliminate deaths that weren't in low-risk infants (small for gestational age), the rate in expectantly managed pregnancies falls to:

- Expectant management: $7/7776 = 9$ per 10,000
- Precautionary induction: $0/7772 = 0$ per 10,000

Finally, if we eliminate deaths that were not preventable by induction (heart defect, true knot in the umbilical cord), the final numbers are:

- Expectant management: $5/7776 = 6$ per 10,000
- Precautionary induction: $0/7772 = 0$ per 10,000

To repeat what I said previously, 5 deaths with expectant management are a long way from 25, and a perinatal mortality rate of 6 per 10,000 is a number so small that the difference compared with precautionary 41-week induction may be due to chance.

IF PRECAUTIONARY INDUCTION IS BENEFICIAL, DO THE BENEFITS OUTWEIGH THE HARMS?

Studies looking at the effect of precautionary induction at 41 weeks on cesarean rate fall into two categories: studies that evaluated the effect of a change in induction policy on cesarean rate and studies looking at cesarean rates with precautionary induction in week 41 compared with labors beginning spontaneously.

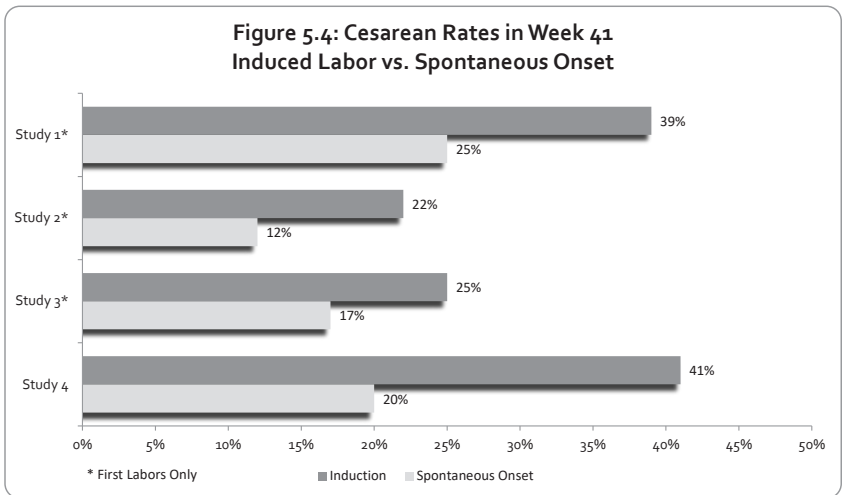
Three studies evaluated the effect of a change in induction policy on cesarean rate:

- A study in a mixed population of those having first babies and those with prior vaginal births looked at the effect of changing the timing of precautionary induction from 42 weeks to 41 weeks.⁹ The cesarean rate increased from 11 percent to 14 percent.
- A study of first births looked at a change in the other direction: from precautionary induction at 41 weeks 3 days to induction at 42 weeks.²³ The shift to later induction dropped the cesarean rate from 33 percent to 24 percent.
- A study in a mixed population of those having first babies and those with prior births disagreed with the findings of the other two.⁸ It evaluated a change in induction policy from precautionary induction upon reaching 42 weeks to induction upon reaching 41 weeks. The change decreased cesarean rates overall from 19 percent to 15 percent.

Six studies looked at the effect of precautionary induction in week 41. Figure 5.4 graphs data from four of them reporting on cesarean rates with induction compared with labor starting on its own:

- A study of first births at a US hospital looked at cesarean rates with induction versus spontaneous labor onset in each week from week 39 through week 41.²⁸ In week 41, the rates were 39 percent with induction versus 25 percent if labor started on its own.
- A study of first births found that the cesarean rate was 22 percent with induction versus 12 percent when labor started on its own.³⁰
- Another study of first births compared rates between participants induced as planned during week 41 with those who began labor spontaneously during that week, either because they started labor before their induction date or induction wasn't planned until week 42.⁴¹ The cesarean rate was 25 percent with induction versus 17 percent when labor started on its own.
- A French study combining first and subsequent births looked at cesarean rates with induction versus spontaneous labor onset in pregnancies that reached 41 weeks with a cervix unfavorable for labor.³³ French policy is to induce for medical indications or

maternal preference between 41 weeks 0 days and 41 weeks 4 days and to induce everyone who hasn't yet given birth at 41 weeks 5 days. Thirty-eight percent of the population started labor on their own between 41 weeks 0 days and 41 weeks 5 days. The cesarean rate was 41 percent with induction versus 20 percent when labor started on its own.



An additional two studies also reported that inducing labor in week 41 increased cesareans markedly compared with spontaneous labor onset:

- A study found that even shifting the timing of planned induction from early to late in week 41 had a profound effect on both the percentage of labors that were induced (92 percent with induction planned between 41 weeks 0 days and 41 weeks 2 days versus 37 percent with planned induction between 41 weeks 5 days and 41 weeks 7 days) and the cesarean rate in induced labors (31 percent with induction early in week 41 versus 20 percent with induction late in week 41).⁴⁰ Twenty-two percent of the cesareans with planned induction early in the week were for failed induction versus 11 percent—half that many—with planned induction later in the week, which suggests that more of the population had

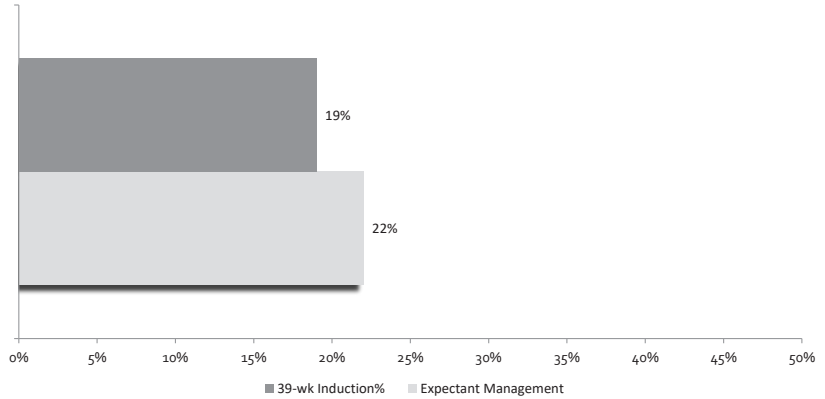
cervixes favorable for labor as the week progressed. In support of that explanation, a study of routine induction of first labors at 41 weeks in participants with an unfavorable cervix reported that half the labors (49 percent) ended in cesarean despite the use of cervical ripening techniques.³²

- A study compared cesarean rates with labor induction at 41 weeks 0 days versus expectant management after that date.⁴⁴ Cesarean rates were 29 percent in the induction group versus 18 percent in the expectant management group. Most of the difference was in cesareans performed for fetal distress, suggesting that labor induction is more stressful for the baby. (See chapter 2 for more about the potential harms of induction.)

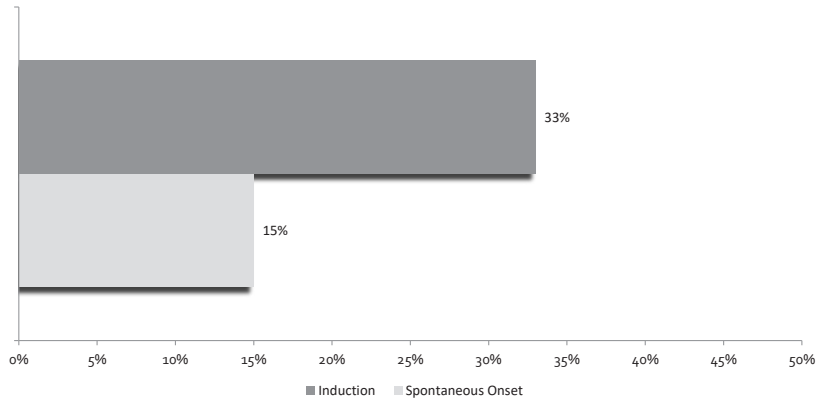
Conclusion: In contradiction to the findings of the Cochrane review, multiple studies report more cesareans with a policy of precautionary induction upon reaching, or early in, week 41 than with expectant management until week 42.

*Chapter 6:
Elective
Induction
at 39 Weeks*

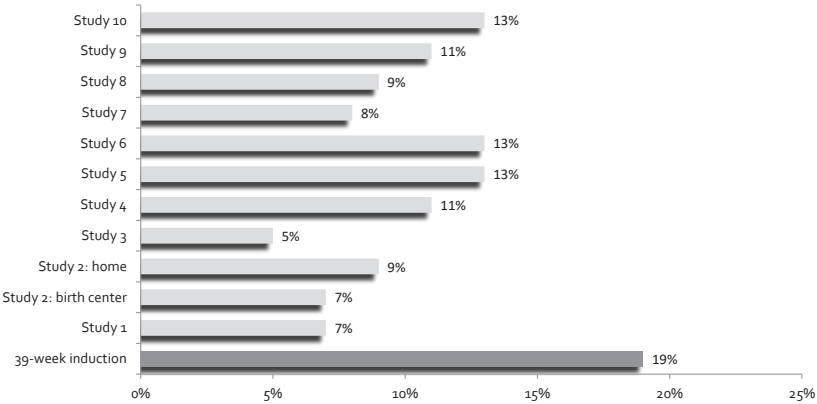
**Figure 6.1: Cesarean Rates
39-Week Induction vs. Expectant Management**



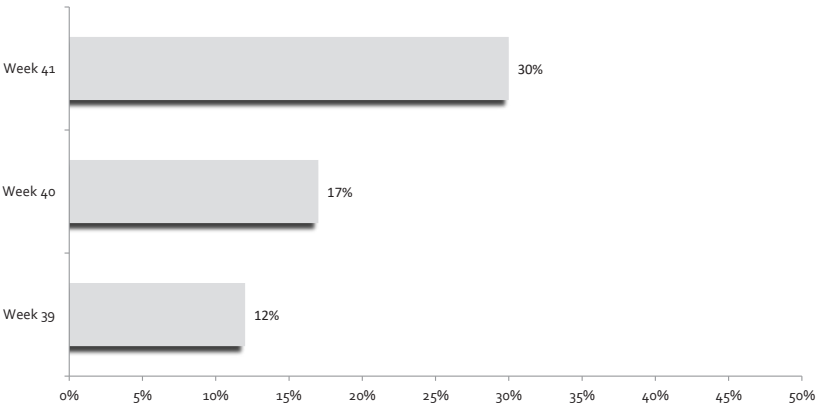
**Figure 6.2: Expectant Management Cesarean Rates
Induction vs. Spontaneous Onset**



**Figure 6.3: Cesarean Rates at First Births
ARRIVE Trial vs. Home and Freestanding Birth Center Births**



**Figure 6.4: ARRIVE Trial Cesarean Rates
in Labors Beginning Spontaneously**



TAKING A DEEPER DIVE

As promised above, here are more details on seven studies whose findings contradict those of the ARRIVE trial.

DOES IMPLEMENTING ROUTINE 39-WEEK INDUCTION DECREASE CESAREAN RATES?

To refresh your memory, in the ARRIVE trial, cesarean rates with routine 39-week induction were 19 percent, and rates with expectant management were 22 percent.

- A study of California hospitals reported that the *median* (half the hospitals had lower and half had higher) cesarean rate with induction of low-risk first labors was 32 percent. Nine of the 238 hospitals (4 percent) had rates more than 50 percent.⁴² Yes, you read that right; more than half of low-risk induced first labors at those nine hospitals ended in cesarean.
- An Australian study of state data reported that the cesarean rate with elective induction in week 39 was 27 percent, and the cesarean rate in all low-risk first births in weeks 40 and week 41, which would be equivalent to the expectantly managed arm of the ARRIVE trial, was 18 percent.¹⁸
- An Australian study using data from a different state reported that the cesarean rate with induction of low-risk first births at 39 weeks was 30 percent versus 21 percent in pregnancies expectantly managed during and beyond that week.³⁰
- A third Australian study using data from yet a different state reported that the cesarean rate with induction of first births for non-medical reasons at 39 weeks was 31 percent versus 25 percent in pregnancies expectantly managed during and beyond 39 weeks.¹³
- A study at a single US hospital reported that the cesarean rate with induction in week 39 in low-risk first births was 34 percent.⁴⁰

- To evaluate the effect of the ARRIVE trial (which was published in 2018), a US study looked at trends in induction and cesarean from 2016 to 2022 in ultra-low-risk first labors at three California hospitals.²² Over the time period, induction rates increased from 15 percent to 23 percent, and cesarean rates with induction trended downward. Even so, the rate with induction in 2022 was 26 percent, and cesarean rates with induction were 30 percent or more in all but two of the seven years in the time span. As for cesarean rates in labors that weren't induced, these trended downward too, declining from 19 percent to 16 percent. Based on this data, the study's authors concluded that because it replaces non-induced labors with induced ones, a policy of electively inducing all first labors at 39 weeks would increase, not decrease, the cesarean rate in ultra-low-risk pregnancies.
- A study reported outcomes in low-risk first births in Michigan.³⁸ Similar to the studies above, expectant management resulted in lower cesarean rates than induction for non-medical reasons at week 39: 30 percent with elective induction at 39 weeks versus 24 percent with expectant management. The researchers then took their analysis one step further. They noted that participants who were electively induced at week 39 were more likely to have characteristics that could have increased their probability of cesarean—e.g., older age, higher BMI, more gestational diabetes, lower score measuring cervical readiness for labor—compared with those expectantly managed. This wouldn't have been a factor in the ARRIVE trial because assignment to treatment group by chance eliminates imbalances of this kind. Perhaps this explains why this study—and by extension, other data analysis studies—find a higher cesarean rate with 39-week induction while the ARRIVE trial found the reverse. To test this theory, the researchers used a technique that mimics assignment by chance. They created matched pairs with the same profile of characteristics in which one member of the pair was electively induced at 39 weeks and the other member was expectantly managed. Cesarean rates turned out to be virtually identical within the pairs (30 versus 31 percent), which means that an increase in characteristics that predispose both to induction

and cesarean in those induced at 39 weeks doesn't explain why data analysis studies have found higher cesarean rates with elective induction than with expectant management.

*Chapter 7:
Giving
Mother
Nature a
Nudge*

INCREASE FAVORABILITY FOR LABOR?	
Sexual Intercourse	Not reported
Castor Oil	Not reported
Breast Stimulation	Yes
Acupuncture	Yes
Acupressure	Not reported
Membrane Sweeping	Not reported

INCREASE ONSET OF LABOR?	
Sexual Intercourse	No, but factors might have affected this result, among them that many control-group participants also engaged in sexual intercourse.
Castor Oil	Yes (58 percent vs. 22 percent)
Breast Stimulation	Yes (94 percent vs. 63 percent)
Acupuncture	No
Acupressure	No
Membrane Sweeping	No

REDUCE CESAREANS?	
Sexual Intercourse	No
Castor Oil	No
Breast Stimulation	Possibly at first births (8 percent vs. 20 percent)
Acupuncture	Consistent finding of a small reduction, but finding may be due to chance
Acupressure	No
Membrane Sweeping	No

POTENTIAL HARMS?	
Sexual Intercourse	Not in an uncomplicated pregnancy, but a potential of infection if the amniotic sac isn't intact
Castor Oil	Side effects: nausea, vomiting, and abdominal cramps
Breast Stimulation	Doesn't increase incidence of uterine hyperstimulation but strong contractions are a possible concern in pregnancies where the baby may be compromised
Acupuncture	None known
Acupressure	None known
Membrane Sweeping	May increase probability of prelabor release of membranes

Chapter 8: *Inducing* *Labor*

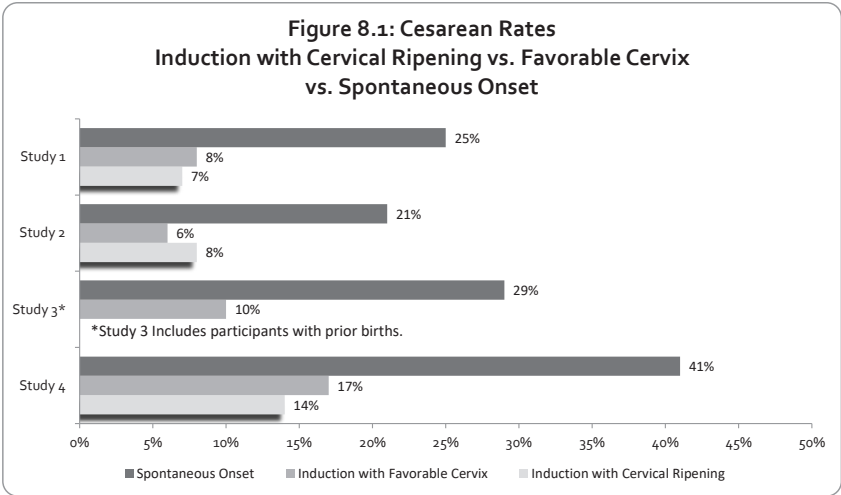


Figure 8.2: Balloon Catheter

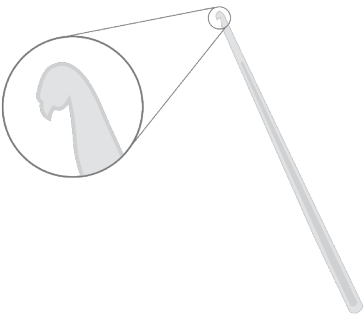


Figure 8.3: Amnihook

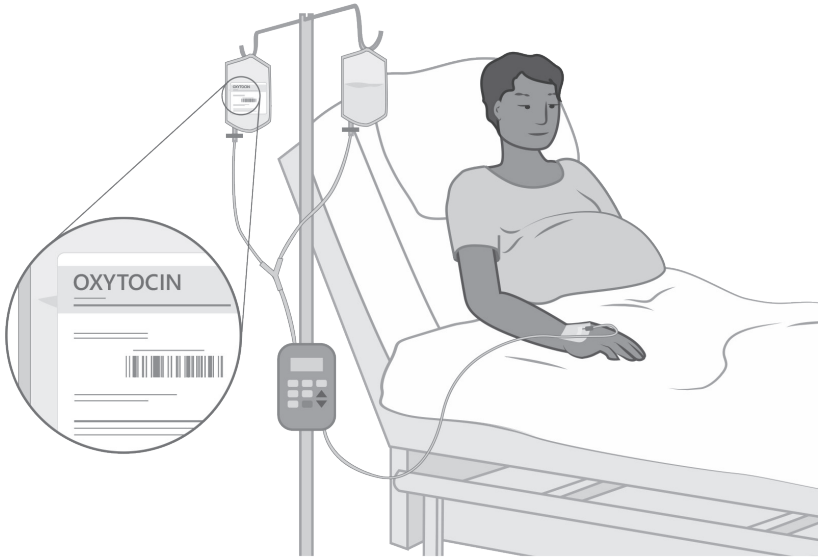


Figure 8.4: IV Oxytocin Setup

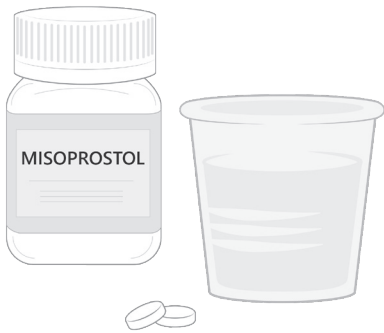


Figure 8.5: Methods of Administering Misoprostol

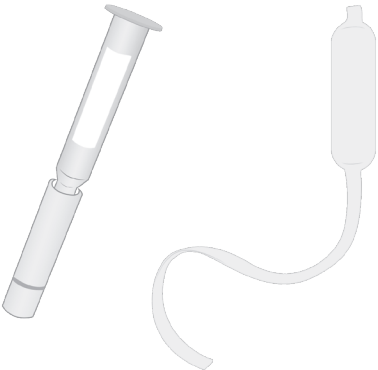


Figure 8.6: Methods of Administering Prostaglandin E2

HOW ADMINISTERED	
Balloon Catheter (Foley catheter)	A narrow tube with a small inflatable balloon at the end of it is inserted into the cervix. The balloon is then filled with water to hold it in place.
Rupturing Membranes (amniotomy)	An instrument with a curved tip and a small tooth tucked under the curve is passed through the cervix to snag and tear open the amniotic sac.
Oxytocin	Oxytocin is administered via an IV using a pump that can be adjusted to control the dose.
Prostaglandin E1 (misoprostol, Cytotec)	A tablet is inserted vaginally or held in the mouth orally or dissolved in water and drunk.
Prostaglandin E2 (dinoprostone, Prepidil, Cervidil)	A gel preparation or an impregnated tampon is inserted vaginally.

EFFECT	
Balloon Catheter (Foley catheter)	Ripens the cervix
Rupturing Membranes (amniotomy)	Induces contractions
Oxytocin	Induces contractions
Prostaglandin E1 (misoprostol, Cytotec)	Ripens the cervix and induces contractions
Prostaglandin E2 (dinoprostone, Prepidil, Cervidil)	Ripens the cervix and induces contractions

ADVANTAGES	
Balloon Catheter (Foley catheter)	Improves cervical favorability Compared with vaginal prostaglandin or vaginal misoprostol, is less likely to provoke uterine hyperstimulation with abnormal fetal heart rate, which is an advantage when the baby may be compromised
Rupturing Membranes (amniotomy)	None when done to initiate labor or early in labor
Oxytocin	Effective at achieving vaginal birth with patience and a favorable cervix Effects dissipate rapidly, which means uterine hyperstimulation can be relieved within minutes of turning the infusion rate down or off
Prostaglandin E1 (misoprostol, Cytotec)	Low-dose oral liquid is the optimal means of administration: ▪ compared with vaginal misoprostol, results in reduced incidence of uterine hyperstimulation with abnormal fetal heart rate and identical cesarean rates ▪ compared with vaginal prostaglandin E2, reduces cesareans and incidence of uterine hyperstimulation with abnormal fetal heart rate ▪ compared with balloon catheter insertion, reduces cesareans and results in similar incidence rates of uterine hyperstimulation with abnormal fetal heart rate; however, this may have to do with care provider expectations of how fast labor should progress
Prostaglandin E2 (dinoprostone, Prepidil, Cervidil)	Compared with vaginal misoprostol, reduces incidence of uterine hyperstimulation with abnormal fetal heart rate

DISADVANTAGES	
Balloon Catheter (Foley catheter)	Isn't an option if the cervix hasn't started to dilate Compared with vaginal misoprostol, may be more likely to end in cesarean, but this may have to do with care provider expectations of how fast labor should progress
Rupturing Membranes (amniotomy)	Can't pause or stop the induction and restart another day Increases the incidence of maternal infectious morbidity Releases the amniotic fluid, which cushions the baby from the contraction forces when membranes are intact Probably increases episodes of abnormal fetal heart rate Creates potential for the umbilical cord to slip down past the baby and be pinched between the baby's skull and the mother's pelvis, a complication requiring urgent cesarean delivery
Oxytocin	High-dose oxytocin protocols increase the probability of: ▪ excessive pain ▪ uterine hyperstimulation, which can increase the probability of fetal distress Administering high doses over an extended time period increases the probability of: ▪ postpartum hemorrhage
Prostaglandin E1 (misoprostol, Cytotec)	Contraindicated in VBAC labors because of increased risk of scar rupture
Prostaglandin E2 (dinoprostone, Prepidil, Cervidil)	Is associated with an increase in the scar giving way in induced VBAC labors Compared with low-dose oral misoprostol, increases cesareans and incidence of uterine hyperstimulation with abnormal fetal heart rate Compared with balloon catheter insertion, increases incidence of uterine hyperstimulation with abnormal fetal heart rate

References

INTRODUCTION

1. ACOG. Committee Opinion No 579: Definition of term pregnancy. *Obstet Gynecol* 2013;122(5):1139-40.
2. Carlin A, Alfrevic Z. Intrapartum fetal emergencies. *Semin Fetal Neonatal Med* 2006;11(3):150-7.
3. Cragin L, Kennedy HP. Linking obstetric and midwifery practice with optimal outcomes. *J Obstet Gynecol Neonatal Nurs* 2006;35(6):779-85.
4. Goer H. Midwife vs Doctor? Midwives Are the Better Bet. In; Jul 27, 2020.
5. Stewart D. The Five Standards for Safe Childbearing. 4th ed. Marble Hill, MO: NAPSAC; 1998.

CHAPTER 1: THE RUN-UP TO LABOR

1. Buckley SJ. Hormonal physiology of childbearing: Evidence and implications for women, babies, and maternity care. Washington, D.C.; 2015.

CHAPTER 2: POTENTIAL HARMS OF INDUCTION

1. Acosta CD, Knight M, Lee HC, et al. The continuum of maternal sepsis severity: incidence and risk factors in a population-based cohort study. *PLoS One* 2013;8(7):e67175.
2. Adler K, Rahkonen L, Kruit H. Maternal childbirth experience in induced and spontaneous labour measured in a visual analog scale and the factors influencing it; a two-year cohort study. *BMC Pregnancy Childbirth* 2020;20(1):415.
3. Al Khalaf SY, Heazell AEP, Kublickas M, et al. Risk of stillbirth after a previous caesarean delivery: A Swedish nationwide cohort study. *BJOG* 2024.
4. Alexander JM, Leveno KJ, Hauth J, et al. Fetal injury associated with cesarean delivery. *Obstet Gynecol* 2006;108(4):885-90.
5. Andersen LB, Melvaer LB, Videbech P, et al. Risk factors for developing post-traumatic stress disorder following childbirth: A systematic review. *Acta Obstet Gynecol Scand* 2012.
6. Andolf E, Thorsell M, Kallen K. Caesarean section and risk for endometriosis: a prospective cohort study of Swedish registries. *BJOG* 2013.
7. Bager P, Wohlfahrt J, Westergaard T. Caesarean delivery and risk of atopy and allergic disease: meta-analyses. *Clin Exp Allergy* 2008;38(4):634-42.
8. Bailit JL, Grobman W, Zhao Y, et al. Nonmedically indicated induction vs expectant treatment in term nulliparous women. *Am J Obstet Gynecol* 2015;212(1):103 e1-7.
9. Balki M, Erik-Soussi M, Kingdom J, et al. Oxytocin pretreatment attenuates oxytocin-induced contractions in human myometrium in vitro. *Anesthesiology* 2013;119(3):552-61.
10. Balki M, Ramachandran N, Lee S, et al. The Recovery Time of Myometrial Responsiveness After Oxytocin-Induced Desensitization in Human Myometrium In Vitro. *Anesth Analg* 2016;122(5):1508-15.
11. Baud D, Rouiller S, Hohlfeld P, et al. Adverse obstetrical and neonatal outcomes in elective and medically indicated inductions of labor at term. *J Matern Fetal Neonatal Med* 2013;26(16):1595-601.

12. Bektas H, Bilsel Y, Sari YS, et al. Abdominal wall endometrioma; a 10-year experience and brief review of the literature. *J Surg Res* 2010;164(1):e77-81.
13. Bjellmo S, Andersen GL, Hjelle S, et al. Does caesarean delivery in the first pregnancy increase the risk for adverse outcome in the second? A registry-based cohort study on first and second singleton births in Norway. *BMJ Open* 2020;10(8):e037717.
14. Bogaert D, van Beveren GJ, de Koff EM, et al. Mother-to-infant microbiota transmission and infant microbiota development across multiple body sites. *Cell Host Microbe* 2023;31(3):447-60 e6.
15. Boukerrou M, Lambaudie E, Collinet P, et al. A history of cesareans is a risk factor in vaginal hysterectomies. *Acta Obstet Gynecol Scand* 2003;82(12):1135-9.
16. Boulvain M, Marcoux S, Bureau M, et al. Risks of induction of labour in uncomplicated term pregnancies *Paediatr Perinat Epidemiol* 2001;15(2):131-8.
17. Braund S, Deneux-Tharaux C, Sentilhes L, et al. Induction of labor and risk of postpartum hemorrhage in women with vaginal delivery: A propensity score analysis. *Int J Gynaecol Obstet* 2024.
18. Buckley S, Uvnas-Moberg K, Pajalic Z, et al. Maternal and newborn plasma oxytocin levels in response to maternal synthetic oxytocin administration during labour, birth and postpartum - a systematic review with implications for the function of the oxytocinergic system. *BMC Pregnancy Childbirth* 2023;23(1):137.
19. Buckley SJ. *Hormonal physiology of childbearing: Evidence and implications for women, babies, and maternity care.* Washington, D.C.; 2015.
20. Cammu H, Martens G, Ruysinck G, et al. Outcome after elective labor induction in nulliparous women: a matched cohort study. *Am J Obstet Gynecol* 2002;186(2):240-4.
21. Cardwell CR, Stene LC, Joner G, et al. Caesarean section is associated with an increased risk of childhood-onset type 1 diabetes mellitus: a meta-analysis of observational studies. *Diabetologia* 2008;51(5):726-35.
22. Carter FA, Frampton CM, Mulder RT. Cesarean section and postpartum depression: a review of the evidence examining the link. *Psychosom Med* 2006;68(2):321-30.

23. Carter J, Bick D, Gallacher D, et al. Mode of birth and development of maternal postnatal post-traumatic stress disorder: A mixed-methods systematic review and meta-analysis. *Birth* 2022;49(4):616-27.
24. Caughey AB, Sundaram V, Kaimal AJ, et al. Maternal and neonatal outcomes of elective induction of labor. *Evid Rep Technol Assess (Full Rep)* 2009(176):1-257.
25. Chang Y, Tsai EM, Long CY, et al. Abdominal wall endometriomas. *J Reprod Med* 2009;54(3):155-9.
26. Cheng YW, Kaimal AJ, Snowden JM, et al. Induction of labor compared to expectant management in low-risk women and associated perinatal outcomes. *Am J Obstet Gynecol* 2012;207(6):502 e1-8.
27. Cook JR, Jarvis S, Knight M, et al. Multiple repeat caesarean section in the UK: incidence and consequences to mother and child. A national, prospective, cohort study. *BJOG* 2013;120(1):85-91.
28. Daltveit AK, Tollanes MC, Pihlstrom H, et al. Cesarean delivery and subsequent pregnancies. *Obstet Gynecol* 2008;111(6):1327-34.
29. Darney BG, Snowden JM, Cheng YW, et al. Elective induction of labor at term compared with expectant management: maternal and neonatal outcomes. *Obstet Gynecol* 2013;122(4):761-9.
30. Davey MA, King J. Caesarean section following induction of labour in uncomplicated first births- a population-based cross-sectional analysis of 42,950 births. *BMC Pregnancy Childbirth* 2016;16:92.
31. David-Montefiore E, Rouzier R, Chapron C, et al. Surgical routes and complications of hysterectomy for benign disorders: a prospective observational study in French university hospitals. *Hum Reprod* 2007;22(1):260-5.
32. De Mucio B, Serruya S, Aleman A, et al. A systematic review and meta-analysis of cesarean delivery and other uterine surgery as risk factors for placenta accreta. *Int J Gynaecol Obstet* 2019;147(3):281-91.
33. Decker E, Engelmann G, Findeisen A, et al. Cesarean delivery is associated with celiac disease but not inflammatory bowel disease in children. *Pediatrics* 2010;125(6):e1433-40.
34. Declercq E, Sakala C, Corry MP, et al. *Listening to Mothers II: Report of the Second National U.S. Survey of Women's Childbearing Experiences*. New York: Childbirth Connection; 2006.

35. Declercq E, Sakala C, Corry MP, et al. *New Mothers Speak Out: National Survey Results Highlight Women's Postpartum Experiences*. . New York: Childbirth Connection; 2008.
36. Declercq E, Sakala C, Corry MP, et al. *Listening to Mothers III: New Mothers Speak Out*. New York: Childbirth Connection; 2013.
37. Declercq ER, Cheng ER, Sakala C. Does maternity care decision-making conform to shared decision- making standards for repeat cesarean and labor induction after suspected macrosomia? *Birth* 2018;45(3):236-44.
38. Dekker GA, Chan A, Luke CG, et al. Risk of uterine rupture in Australian women attempting vaginal birth after one prior caesarean section: a retrospective population-based cohort study. *BJOG* 2010;117(11):1358-65.
39. Deneux-Tharaux C, Carmona E, Bouvier-Colle MH, et al. Post-partum maternal mortality and cesarean delivery. *Obstet Gynecol* 2006;108(3):541-8.
40. Dessole S, Cosmi E, Balata A, et al. Accidental fetal lacerations during cesarean delivery: experience in an Italian level III university hospital. *Am J Obstet Gynecol* 2004;191(5):1673-7.
41. Dublin S, Lydon-Rochelle M, Kaplan RC, et al. Maternal and neonatal outcomes after induction of labor without an identified indication. *Am J Obstet Gynecol* 2000;183(4):986-94.
42. Dunne C, Da Silva O, Schmidt G, et al. Outcomes of elective labour induction and elective caesarean section in low-risk pregnancies between 37 and 41 weeks' gestation. *J Obstet Gynaecol Can* 2009;31(12):1124-30.
43. Ehrenthal DB, Jiang X, Strobino DM. Labor induction and the risk of a cesarean delivery among nulliparous women at term. *Obstet Gynecol* 2010;116(1):35-42.
44. Erickson EN, Carlson NS. Predicting Postpartum Hemorrhage After Low-Risk Vaginal Birth by Labor Characteristics and Oxytocin Administration. *J Obstet Gynecol Neonatal Nurs* 2020;49(6):549-63.
45. Farchi S, Di Lallo D, Franco F, et al. Neonatal respiratory morbidity and mode of delivery in a population-based study of low-risk pregnancies. *Acta Obstet Gynecol Scand* 2009;88(6):729-32.

46. Ferraro F, Piselli P, Pittalis S, et al. Surgical site infection after caesarean section: space for post-discharge surveillance improvements and reliable comparisons. *New Microbiol* 2016;39(2):134-8.
47. Flood KM, Said S, Geary M, et al. Changing trends in peripartum hysterectomy over the last 4 decades. *Am J Obstet Gynecol* 2009;200(6):632 e1-6.
48. Forde B, DeFranco EA. Association of Prior Cesarean Delivery With Early Term Delivery and Neonatal Morbidity. *Obstet Gynecol* 2020;135(6):1367-76.
49. Froeliger A, Deneux-Tharoux C, Loussert L, et al. Posttraumatic stress disorder 2 months after cesarean delivery: a multicenter prospective study. *Am J Obstet Gynecol* 2024.
50. Galyean AM, Lagrew DC, Bush MC, et al. Previous cesarean section and the risk of postpartum maternal complications and adverse neonatal outcomes in future pregnancies. *J Perinatol* 2009;29(11):726-30.
51. Gerten KA, Coonrod DV, Bay RC, et al. Cesarean delivery and respiratory distress syndrome: does labor make a difference? *Am J Obstet Gynecol* 2005;193(3 Pt 2):1061-4.
52. Gibson KS, Waters TP, Bailit JL. Maternal and neonatal outcomes in electively induced low-risk term pregnancies. *Am J Obstet Gynecol* 2014;211(3):249 e1- e16.
53. Gielchinsky Y, Rojansky N, Fasouliotis SJ, et al. Placenta accreta--summary of 10 years: a survey of 310 cases. *Placenta* 2002;23(2-3):210-4.
54. Glantz JC. Term labor induction compared with expectant management. *Obstet Gynecol* 2010;115(1):70-6.
55. Grivell RM, Reilly AJ, Oakey H, et al. Maternal and neonatal outcomes following induction of labor: a cohort study. *Acta Obstet Gynecol Scand* 2012;91(2):198-203.
56. Grobman WA, Gersnoviez R, Landon MB, et al. Pregnancy outcomes for women with placenta previa in relation to the number of prior cesarean deliveries. *Obstet Gynecol* 2007;110(6):1249-55.
57. Gugusheff J, Patterson J, Torvaldsen S, et al. Is mode of first birth a risk factor for subsequent preterm birth? *Aust N Z J Obstet Gynaecol* 2021;61(1):86-93.

58. Guise JM, Eden K, Emeis C, et al. Vaginal birth after cesarean: new insights. *Evid Rep Technol Assess (Full Rep)* 2010(191):1-397.
59. Gurol-Urganci I, Bou-Antoun S, Lim CP, et al. Impact of Caesarean section on subsequent fertility: a systematic review and meta-analysis. *Hum Reprod* 2013;28(7):1943-52.
60. Gurol-Urganci I, Cromwell DA, Edozien LC, et al. Risk of placenta previa in second birth after first birth cesarean section: a population-based study and meta-analysis. *BMC Pregnancy Childbirth* 2011;11:95.
61. Gurol-Urganci I, Cromwell DA, Mahmood TA, et al. A population-based cohort study of the effect of Caesarean section on subsequent fertility. *Hum Reprod* 2014;29(6):1320-6.
62. Haas DM, Ayres AW. Laceration injury at cesarean section. *J Matern Fetal Neonatal Med* 2002;11(3):196-8.
63. Hamel KJ. Incidence of adhesions at repeat cesarean delivery. *Am J Obstet Gynecol* 2007;196(5):e31-2.
64. Hamilton BE, Martin JA, Ventura SJ. Births: preliminary data for 2009. *Natl Vital Stat Rep* 2010;59(3):1-29.
65. Hansen AK, Wisborg K, Uldbjerg N, et al. Elective caesarean section and respiratory morbidity in the term and near-term neonate. *Acta Obstet Gynecol Scand* 2007;86(4):389-94.
66. Hansen AK, Wisborg K, Uldbjerg N, et al. Risk of respiratory morbidity in term infants delivered by elective caesarean section: cohort study. *BMJ* 2008;336(7635):85-7.
67. Hardy-Fairbanks AJ, Lauria MR, Mackenzie T, et al. Intensity and unpleasantness of pain following vaginal and cesarean delivery: a prospective evaluation. *Birth* 2013;40(2):125-33.
68. Harper MA, Byington RP, Espeland MA, et al. Pregnancy-related death and health care services. *Obstet Gynecol* 2003;102(2):273-8.
69. Heinberg EM, Wood RA, Chambers RB. Elective induction of labor in multiparous women. Does it increase the risk of cesarean section? . *J Reprod Med* 2002;47(5):399-403.
70. Hemminki E, Shelley J, Gissler M. Mode of delivery and problems in subsequent births: a register-based study from Finland. *Am J Obstet Gynecol* 2005;193(1):169-77.

71. Hildingsson I, Karlstrom A, Nystedt A. Women's experiences of induction of labour--findings from a Swedish regional study. *Aust N Z J Obstet Gynaecol* 2011;51(2):151-7.
72. Hoffman MK, Vahratian A, Sciscione AC, et al. Comparison of labor progression between induced and noninduced multiparous women. *Obstet Gynecol* 2006;107(5):1029-34.
73. Hofmeyr GJ, Gulmezoglu AM, Pileggi C. Vaginal misoprostol for cervical ripening and induction of labour. *Cochrane Database Syst Rev* 2010(10):CD000941.
74. Horton JD, Dezee KJ, Ahnfeldt EP, et al. Abdominal wall endometriosis: a surgeon's perspective and review of 445 cases. *Am J Surg* 2008;196(2):207-12.
75. Hoyert DL. Maternal mortality rates in the United States, 2019. In: *Health E-Stats: National Center for Health Statistics*; April 2021.
76. Huang X, Lei J, Tan H, et al. Cesarean delivery for first pregnancy and neonatal morbidity and mortality in second pregnancy. *Eur J Obstet Gynecol Reprod Biol* 2011;158(2):204-8.
77. Huh SY, Rifas-Shiman SL, Zera CA, et al. Delivery by caesarean section and risk of obesity in preschool age children: a prospective cohort study. *Arch Dis Child* 2012;97(7):610-6.
78. Hung HW, Yang PY, Yan YH, et al. Increased postpartum maternal complications after cesarean section compared with vaginal delivery in 225 304 Taiwanese women. *J Matern Fetal Neonatal Med* 2016;29(10):1665-72.
79. Jackson S, Fleege L, Fridman M, et al. Morbidity following primary cesarean delivery in the Danish National Birth Cohort. *Am J Obstet Gynecol* 2012;206(2):139 e1-5.
80. Jacobsen LK, Haslund H, Brock C, et al. Medically induced labor: Epidural analgesia and women's perceptions of pain in early labor. *Eur J Midwifery* 2018;2:15.
81. Jacquemyn Y, Michiels I, Martens G. Elective induction of labour increases caesarean section rate in low risk multiparous women. *J Obstet Gynaecol* 2012;32(3):257-9.

82. Jauniaux E, Bunce C, Gronbeck L, et al. Prevalence and main outcomes of placenta accreta spectrum: a systematic review and meta-analysis. *Am J Obstet Gynecol* 2019;221(3):208-18.
83. Joffe TH, Simpson NA. Cesarean section and risk of asthma. The role of intrapartum antibiotics: a missing piece? *J Pediatr* 2009;154(1):154.
84. Jonsson M, Cnattingius S, Wikstrom AK. Elective induction of labor and the risk of cesarean section in low-risk parous women: a cohort study. *Acta Obstet Gynecol Scand* 2013;92(2):198-203.
85. Keag OE, Norman JE, Stock SJ. Long-term risks and benefits associated with cesarean delivery for mother, baby, and subsequent pregnancies: Systematic review and meta-analysis. *PLoS Med* 2018;15(1):e1002494.
86. Kealy MA, Small RE, Liamputtong P. Recovery after caesarean birth: a qualitative study of women's accounts in Victoria, Australia. *BMC Pregnancy Childbirth* 2010;10:47.
87. Kerr RS, Kumar N, Williams MJ, et al. Low-dose oral misoprostol for induction of labour. *Cochrane Database Syst Rev* 2021;6(6):CD014484.
88. Khashan AS, Kenny LC, Lundholm C, et al. Mode of obstetrical delivery and type 1 diabetes: a sibling design study. *Pediatrics* 2014;134(3):e806-13.
89. Kjerulff KH, Attanasio LB, Edmonds JK, et al. Labor induction and cesarean delivery: A prospective cohort study of first births in Pennsylvania, USA. *Birth* 2017;44(3):252-61.
90. Kjerulff KH, Paul IM, Weisman CS, et al. Association Between Mode of First Delivery and Subsequent Fecundity and Fertility. *JAMA Netw Open* 2020;3(4):e203076.
91. Kjerulff KH, Zhu J, Weisman CS, et al. First birth Cesarean section and subsequent fertility: a population-based study in the USA, 2000-2008. *Hum Reprod* 2013;28(12):3349-57.
92. Knight M, Kurinczuk JJ, Spark P, et al. Cesarean delivery and peripartum hysterectomy. *Obstet Gynecol* 2008;111(1):97-105.
93. Kolas T, Saugstad OD, Daltveit AK, et al. Planned cesarean versus planned vaginal delivery at term: Comparison of newborn infant outcomes. *Am J Obstet Gynecol* 2006;195(6):1538-43.

94. Kwee A, Bots ML, Visser GH, et al. Emergency peripartum hysterectomy: A prospective study in The Netherlands. *Eur J Obstet Gynecol Reprod Biol* 2006;124(2):187-92.
95. Laughon SK, Zhang J, Grewal J, et al. Induction of labor in a contemporary obstetric cohort. *Am J Obstet Gynecol* 2012;206(6):486 e1-9.
96. Le Ray C, Carayol M, Breart G, et al. Elective induction of labor: failure to follow guidelines and risk of cesarean delivery. *Acta Obstet Gynecol Scand* 2007;86(6):657-65.
97. Lee VR, Darney BG, Snowden JM, et al. Term elective induction of labour and perinatal outcomes in obese women: retrospective cohort study. *BJOG* 2016;123(2):271-8.
98. Leite GK, Carvalho LF, Korkes H, et al. Scar endometrioma following obstetric surgical incisions: retrospective study on 33 cases and review of the literature. *Sao Paulo Med J* 2009;127(5):270-7.
99. Leth RA, Moller JK, Thomsen RW, et al. Risk of selected postpartum infections after cesarean section compared with vaginal birth: a five-year cohort study of 32,468 women. *Acta Obstet Gynecol Scand* 2009;88(9):976-83.
100. Li HT, Zhou YB, Liu JM. The impact of cesarean section on offspring overweight and obesity: a systematic review and meta-analysis. *Int J Obes (Lond)* 2013;37(7):893-9.
101. Lipscomb GH, Givens VM, Smith WE. Endometrioma occurring in abdominal wall incisions after cesarean section. *J Reprod Med* 2011;56(1-2):44-6.
102. Lisonkova S, Kramer MS. Amniotic fluid embolism: A puzzling and dangerous obstetric problem. *PLoS Med* 2019;16(11):e1002976.
103. Liston FA, Allen VM, O'Connell CM, et al. Neonatal outcomes with caesarean delivery at term. *Arch Dis Child Fetal Neonatal Ed* 2008;93(3):F176-82.
104. Liu LY, Roig J, Rekawek P, et al. Comparison of Breastfeeding Success by Mode of Delivery. *Am J Perinatol* 2024;41(10):1329-36.
105. Liu S, Liston RM, Joseph KS, et al. Maternal mortality and severe morbidity associated with low-risk planned cesarean delivery versus planned vaginal delivery at term. *CMAJ* 2007;176(4):455-60.

106. Lurie S, Sadan O, Golan A. Re-laparotomy after cesarean section. *Eur J Obstet Gynecol Reprod Biol* 2007;134(2):184-7.
107. Luthy DA, Malmgren JA, Zingheim RW. Cesarean delivery after elective induction in nulliparous women: the physician effect. *Am J Obstet Gynecol* 2004;191(5):1511-5.
108. Lydon-Rochelle M, Holt VL, Easterling TR, et al. First-birth cesarean and placental abruption or previa at second birth. *Obstet Gynecol* 2001;97(5 Pt 1):765-9.
109. Lydon-Rochelle M, Holt VL, Martin DP, et al. Association between method of delivery and maternal rehospitalization. *JAMA* 2000;283(18):2411-6.
110. Lydon-Rochelle MT, Holt VL, Martin DP. Delivery method and self-reported postpartum general health status among primiparous women. *Paediatr Perinat Epidemiol* 2001;15(3):232-40.
111. Lyell DJ, Caughey AB, Hu E, et al. Peritoneal closure at primary cesarean delivery and adhesions. *Obstet Gynecol* 2005;106(2):275-80.
112. MacDorman MF, Declercq E, Menacker F, et al. Neonatal mortality for primary cesarean and vaginal births to low-risk women: application of an "intention-to-treat" model. *Birth* 2008;35(1):3-8.
113. Makoha FW, Felimban HM, Fathuddien MA, et al. Multiple cesarean section morbidity. *Int J Gynaecol Obstet* 2004;87(3):227-32.
114. Many A, Helpman L, Vilnai Y, et al. Neonatal respiratory morbidity after elective cesarean section. *J Matern Fetal Neonatal Med* 2006;19(2):75-8.
115. Maslow AS, Sweeny AL. Elective induction of labor as a risk factor for cesarean delivery among low-risk women at term. *Obstet Gynecol* 2000;95(6 Pt 1):917-22.
116. Miller DA, Goodwin TM, Gherman RB, et al. Intrapartum rupture of the unscarred uterus. *Obstet Gynecol* 1997;89(5 Pt 1):671-3.
117. Minaglia S, Mishell DR, Jr., Ballard CA. Incisional endometriomas after Cesarean section: a case series. *J Reprod Med* 2007;52(7):630-4.
118. Moraitis AA, Oliver-Williams C, Wood AM, et al. Previous caesarean delivery and the risk of unexplained stillbirth: retrospective cohort study and meta-analysis. *BJOG* 2015;122(11):1467-74.

119. Morales KJ, Gordon MC, Bates GW, Jr. Postcesarean delivery adhesions associated with delayed delivery of infant. *Am J Obstet Gynecol* 2007;196(5):461 e1-6.
120. Going home after a C-section. Mount Sinai. (Accessed Dec 12, 2023, at <https://www.mountsinai.org/health-library/discharge-instructions/going-home-after-a-c-section#>.)
121. Myers SA, Bennett TL. Incidence of significant adhesions at repeat cesarean section and the relationship to method of prior peritoneal closure. *J Reprod Med* 2005;50(9):659-62.
122. Nisenblat V, Barak S, Griness OB, et al. Maternal complications associated with multiple cesarean deliveries. *Obstet Gynecol* 2006;108(1):21-6.
123. Nominato NS, Prates LF, Lauar I, et al. Caesarean section greatly increases risk of scar endometriosis. *Eur J Obstet Gynecol Reprod Biol* 2010;152(1):83-5.
124. O'Connor A, McCarthy FP, Kelly L, et al. Mode of delivery and asthma in childhood and adolescence: Findings from the Millennium Cohort Study. *Clin Exp Allergy* 2023;53(4):459-64.
125. O'Neill SM, Kearney PM, Kenny LC, et al. Caesarean delivery and subsequent stillbirth or miscarriage: systematic review and meta-analysis. *PLoS One* 2013;8(1):e54588.
126. Olde E, van der Hart O, Kleber R, et al. Posttraumatic stress following childbirth: a review. *Clin Psychol Rev* 2006;26(1):1-16.
127. Olive EC, Roberts CL, Algert CS, et al. Placenta praevia: maternal morbidity and place of birth. *Aust N Z J Obstet Gynaecol* 2005;45(6):499-504.
128. Olza I, Uvnas-Moberg K, Ekstrom-Bergstrom A, et al. Birth as a neuro-psycho-social event: An integrative model of maternal experiences and their relation to neurohormonal events during childbirth. *PLoS One* 2020;15(7):e0230992.
129. Pariente G, Wiznitzer A, Sergienko R, et al. Placental abruption: critical analysis of risk factors and perinatal outcomes. *J Matern Fetal Neonatal Med* 2011;24(5):698-702.

130. Rasmussen OB, Rasmussen S. Cesarean section after induction of labor compared with expectant management: no added risk from gestational week 39. *Acta Obstet Gynecol Scand* 2011;90(8):857-62.
131. Rossen J, Okland I, Nilsen OB, et al. Is there an increase of post-partum hemorrhage, and is severe hemorrhage associated with more frequent use of obstetric interventions? *Acta Obstet Gynecol Scand* 2010;89(10):1248-55.
132. Rotas MA, Haberman S, Levigur M. Cesarean scar ectopic pregnancies: etiology, diagnosis, and management. *Obstet Gynecol* 2006;107(6):1373-81.
133. Rowlands IJ, Redshaw M. Mode of birth and women's psychological and physical wellbeing in the postnatal period. *BMC Pregnancy Childbirth* 2012;12:138.
134. Sadeghi H, Rutherford T, Rackow BW, et al. Cesarean scar ectopic pregnancy: case series and review of the literature. *Am J Perinatol* 2010;27(2):111-20.
135. Sandall J, Tribe RM, Avery L, et al. Short-term and long-term effects of caesarean section on the health of women and children. *Lancet* 2018;392(10155):1349-57.
136. Sevelsted A, Stokholm J, Bonnelykke K, et al. Cesarean section and chronic immune disorders. *Pediatrics* 2015;135(1):e92-8.
137. Seyb ST, Berka RJ, Socol ML, et al. Risk of cesarean delivery with elective induction of labor at term in nulliparous women. *Obstet Gynecol* 1999;94(4):600-7.
138. Silasi M, Coonrod DV, Kim M, et al. Transient tachypnea of the newborn: is labor prior to cesarean delivery protective? *Am J Perinatol* 2010;27(10):797-802.
139. Silver RM, Landon MB, Rouse DJ, et al. Maternal morbidity associated with multiple repeat cesarean deliveries. *Obstet Gynecol* 2006;107(6):1226-32.
140. Skov SK, Hjorth S, Kirkegaard H, et al. Mode of delivery and short-term maternal mental health: A follow-up study in the Danish National Birth Cohort. *Int J Gynaecol Obstet* 2022;159(2):457-65.
141. Smith GC, Pell JP, Dobbie R. Caesarean section and risk of unexplained stillbirth in subsequent pregnancy. *Lancet* 2003;362(9398):1779-84.

142. Smith JF, Hernandez C, Wax JR. Fetal laceration injury at cesarean delivery. *Obstet Gynecol* 1997;90(3):344-6.
143. Spiliopoulos M, Kareti A, Jain NJ, et al. Risk of peripartum hysterectomy by mode of delivery and prior obstetric history: data from a population-based study. *Arch Gynecol Obstet* 2011;283(6):1261-8.
144. Taylor LK, Simpson JM, Roberts CL, et al. Risk of complications in a second pregnancy following caesarean section in the first pregnancy: a population-based study. *Med J Aust* 2005;183(10):515-9.
145. Terashita S, Yoshida T, Matsumura K, et al. Caesarean section and childhood obesity at age 3 years derived from the Japan Environment and Children's Study. *Sci Rep* 2023;13(1):6535.
146. Thavagnanam S, Fleming J, Bromley A, et al. A meta-analysis of the association between Caesarean section and childhood asthma. *Clin Exp Allergy* 2008;38(4):629-33.
147. Thompson JF, Roberts CL, Currie M, et al. Prevalence and persistence of health problems after childbirth: associations with parity and method of birth. *Birth* 2002;29(2):83-94.
148. Tikkanen M. Placental abruption: epidemiology, risk factors and consequences. *Acta Obstet Gynecol Scand* 2011;90(2):140-9.
149. Timor-Tritsch IE, Monteagudo A. Unforeseen consequences of the increasing rate of cesarean deliveries: early placenta accreta and cesarean scar pregnancy. A review. *Am J Obstet Gynecol* 2012;207(1):14-29.
150. Vahanian SA, Hoffman MK, Ananth CV, et al. Term cesarean delivery in the first pregnancy is not associated with an increased risk for preterm delivery in the subsequent pregnancy. *Am J Obstet Gynecol* 2019;221(1):61 e1- e7.
151. Vahratian A, Zhang J, Troendle JF, et al. Labor progression and risk of cesarean delivery in electively induced nulliparas. *Obstet Gynecol* 2005;105(4):698-704.
152. van Gemund N, Hardeman A, Scherjon SA, et al. Intervention rates after elective induction of labor compared to labor with a spontaneous onset. A matched cohort study. *Gynecol Obstet Invest* 2003;56(3):133-8.

153. Van Winsen KD, Savvidou MD, Steer PJ. The effect of mode of delivery and duration of labour on subsequent pregnancy outcomes: a retrospective cohort study. *BJOG* 2021;128(13):2132-9.
154. Vardo JH, Thornburg LL, Glantz JC. Maternal and neonatal morbidity among nulliparous women undergoing elective induction of labor. *J Reprod Med* 2011;56(1-2):25-30.
155. Visser L, Slaager C, Kazemier BM, et al. Risk of preterm birth after prior term cesarean. *BJOG* 2020;127(5):610-7.
156. Vrouenraets FP, Roumen FJ, Dehing CJ, et al. Bishop score and risk of cesarean delivery after induction of labor in nulliparous women. *Obstet Gynecol* 2005;105(4):690-7.
157. Wicherek L, Klimek M, Skret-Magierlo J, et al. The obstetrical history in patients with Pfannenstiel scar endometriomas--an analysis of 81 patients. *Gynecol Obstet Invest* 2007;63(2):107-13.
158. Wiener JJ, Westwood J. Fetal lacerations at caesarean section. *J Obstet Gynaecol* 2002;22(1):23-4.
159. Williams C, Fong R, Murray SM, et al. Caesarean birth and risk of subsequent preterm birth: a retrospective cohort study. *BJOG* 2021;128(6):1020-8.
160. Williams CM, Asaolu I, Chavan NR, et al. Previous cesarean delivery associated with subsequent preterm birth in the United States. *Eur J Obstet Gynecol Reprod Biol* 2018;229:88-93.
161. Woolhouse H, Perlen S, Garland SJ, et al. Physical health and recovery in the first 18 months postpartum: does cesarean section reduce long-term morbidity? *Birth* 2012;39(3).
162. Yang Q, Wen SW, Oppenheimer L, et al. Association of caesarean delivery for first birth with placenta praevia and placental abruption in second pregnancy. *BJOG* 2007;114(5):609-13.
163. Zanardo V, Padovani E, Pittini C, et al. The influence of timing of elective cesarean section on risk of neonatal pneumothorax. *J Pediatr* 2007;150(3):252-5.
164. Zhang Y, Zhou J, Ma Y, et al. Mode of delivery and preterm birth in subsequent births: A systematic review and meta-analysis. *PLoS One* 2019;14(3):e0213784.

165. Zhu Z, Al-Beiti MA, Tang L, et al. Clinical characteristic analysis of 32 patients with abdominal incision endometriosis. *J Obstet Gynaecol* 2008;28(7):742-5.

CHAPTER 3: SUSPECTED BIG BABY

1. ACOG. Committee opinion No. 561: Nonmedically indicated early-term deliveries. *Obstet Gynecol* 2013;121(4):911-5.
2. ACOG. Intrapartum fetal heart rate monitoring: nomenclature, interpretation, and general management principles. ACOG Practice Bulletin No 106 2009.
3. ACOG. Macrosomia: ACOG Practice Bulletin, Number 216. *Obstet Gynecol* 2020;135(1):e18-e35.
4. Alfirevic Z, Devane D, Gyte GM, et al. Continuous cardiotocography (CTG) as a form of electronic fetal monitoring (EFM) for fetal assessment during labour. *Cochrane Database Syst Rev* 2017;2:CD006066.
5. Anim-Somuah M, Smyth RM, Cyna AM, et al. Epidural versus non-epidural or no analgesia for pain management in labour. *Cochrane Database Syst Rev* 2018;5:CD000331.
6. Bentley JP, Roberts CL, Bowen JR, et al. Planned Birth Before 39 Weeks and Child Development: A Population-Based Study. *Pediatrics* 2016;138(6).
7. Blackwell SC, Refuerzo J, Chadha R, et al. Overestimation of fetal weight by ultrasound: does it influence the likelihood of cesarean delivery for labor arrest? *Am J Obstet Gynecol* 2009;200(3):340 e1-3.
8. Boulvain M, Senat MV, Perrotin F, et al. Induction of labour versus expectant management for large-for-date fetuses: a randomised controlled trial. *Lancet* 2015;385(9987):2600-5.
9. Boulvain M, Thornton JG. Induction of labour at or near term for suspected fetal macrosomia. *Cochrane Database Syst Rev* 2023;3(3):CD000938.
10. Bruner JP, Drummond SB, Meenan AL, et al. All-fours maneuver for reducing shoulder dystocia during labor. *J Reprod Med* 1998;43(5):439-43.

11. Cheng ER, Declercq ER, Belanoff C, et al. Labor and Delivery Experiences of Mothers with Suspected Large Babies. *Matern Child Health J* 2015;19(12):2578-86.
12. Dall'Asta A, Ghi T, Pedrazzi G, et al. Does vacuum delivery carry a higher risk of shoulder dystocia? Review and meta-analysis of the literature. *Eur J Obstet Gynecol Reprod Biol* 2016;204:62-8.
13. Darney BG, Snowden JM, Cheng YW, et al. Elective induction of labor at term compared with expectant management: maternal and neonatal outcomes. *Obstet Gynecol* 2013;122(4):761-9.
14. Dawood F, Dowswell T, Quenby S. Intravenous fluids for reducing the duration of labour in low risk nulliparous women. *Cochrane Database Syst Rev* 2013;6:CD007715.
15. Demissie K, Rhoads GG, Smulian JC, et al. Operative vaginal delivery and neonatal and infant adverse outcomes: population based retrospective analysis. *BMJ* 2004;329(7456):24-9.
16. Eriksen LM, Nohr EA, Kjaergaard H. Mode of delivery after epidural analgesia in a cohort of low-risk nulliparas. *Birth* 2011;38(4):317-26.
17. Gill JV, Boyle EM. Outcomes of infants born near term. *Arch Dis Child* 2017;102(2):194-8.
18. Gommesen D, Nohr EA, Qvist N, et al. Obstetric perineal ruptures-risk of anal incontinence among primiparous women 12 months postpartum: a prospective cohort study. *Am J Obstet Gynecol* 2020;222(2):165 e1- e11.
19. Kallianidis AF, Smit M, Van Roosmalen J. Shoulder dystocia in primary midwifery care in the Netherlands. *Acta Obstet Gynecol Scand* 2016;95(2):203-9.
20. Lawrence A, Lewis L, Hofmeyr GJ, et al. Maternal positions and mobility during first stage labour. *Cochrane Database Syst Rev* 2013;10:CD003934.
21. Levine AB, Lockwood CJ, Brown B, et al. Sonographic diagnosis of the large for gestational age fetus at term: does it make a difference? *Obstet Gynecol* 1992;79(1):55-8.

22. Matthews KC, Williamson J, Gupta S, et al. The effect of a sonographic estimated fetal weight on the risk of cesarean delivery in macrosomic and small for gestational-age infants(). *J Matern Fetal Neonatal Med* 2017;30(10):1172-6.
23. Melamed N, Yogev Y, Meizner I, et al. Sonographic prediction of fetal macrosomia: the consequences of false diagnosis. *J Ultrasound Med* 2010;29(2):225-30.
24. Moldeus K, Cheng YW, Wikstrom AK, et al. Induction of labor versus expectant management of large-for-gestational-age infants in nulliparous women. *PLoS One* 2017;12(7):e0180748.
25. Nguyen US, Rothman KJ, Demissie S, et al. Epidural analgesia and risks of cesarean and operative vaginal deliveries in nulliparous and multiparous women. *Matern Child Health J* 2010;14(5):705-12.
26. Nixon SA, Avery MD, Savik K. Outcomes of macrosomic infants in a nurse-midwifery service. *J Nurse Midwifery* 1998;43(4):280-6.
27. Papaccio M, Fichera A, Nava A, et al. Obstetric consequences of a false-positive diagnosis of large-for-gestational-age fetus. *Int J Gynaecol Obstet* 2022;158(3):626-33.
28. Parry S, Severs CP, Sehdev HM, et al. Ultrasonographic prediction of fetal macrosomia. Association with cesarean delivery. *J Reprod Med* 2000;45(1):17-22.
29. Peleg D, Warsof S, Wolf MF, et al. Counseling for fetal macrosomia: an estimated fetal weight of 4,000 g is excessively low. *Am J Perinatol* 2015;32(1):71-4.
30. Reitter A, Daviss BA, Bisits A, et al. Does pregnancy and/or shifting positions create more room in a woman's pelvis? *Am J Obstet Gynecol* 2014;211(6):662 e1-9.
31. Sadeh-Mestechkin D, Walfisch A, Shachar R, et al. Suspected macrosomia? Better not tell. *Arch Gynecol Obstet* 2008;278(3):225-30.
32. Sakala C, Declercq E, Turon JM, et al. *Listening to Mothers in California*. Washington, D.C.: National Partnership for Women & Families; 2018.
33. Sanchez-Ramos L, Bernstein S, Kaunitz AM. Expectant management versus labor induction for suspected fetal macrosomia: a systematic review. *Obstet Gynecol* 2002;100(5 Pt 1):997-1002.

34. Scifres CM, Feghali M, Dumont T, et al. Large-for-Gestational-Age Ultrasound Diagnosis and Risk for Cesarean Delivery in Women With Gestational Diabetes Mellitus. *Obstet Gynecol* 2015;126(5):978-86.
35. Shmueli A, Salman L, Orbach-Zinger S, et al. The impact of epidural analgesia on the duration of the second stage of labor. *Birth* 2018;45(4):377-84.
36. Tita ATN, Jablonski KA, Bailit JL, et al. Neonatal outcomes of elective early-term births after demonstrated fetal lung maturity. *Am J Obstet Gynecol* 2018.
37. Vendittelli F, Riviere O, Breart G, et al. Is prenatal identification of fetal macrosomia useful? *Eur J Obstet Gynecol Reprod Biol* 2012;161(2):170-6.
38. Vendittelli F, Riviere O, Neveu B, et al. Does induction of labor for constitutionally large-for-gestational-age fetuses identified in utero reduce maternal morbidity? *BMC Pregnancy Childbirth* 2014;14:156.
39. Vitner D, Bleicher I, Kadour-Peero E, et al. Does prenatal identification of fetal macrosomia change management and outcome? *Arch Gynecol Obstet* 2019;299(3):635-44.
40. Weiner Z, Ben-Shlomo I, Beck-Fruchter R, et al. Clinical and ultrasonographic weight estimation in large for gestational age fetus. *Eur J Obstet Gynecol Reprod Biol* 2002;105(1):20-4.
41. Youssefzadeh AC, Tavakoli A, Panchal VR, et al. Incidence trends of shoulder dystocia and associated risk factors: A nationwide analysis in the United States. *Int J Gynaecol Obstet* 2023;162(2):578-89.
42. Zeevi G, Regev N, Key-Segal C, et al. To know or not to know: Effect of third-trimester sonographic fetal weight estimation on outcomes of large-for-gestational age neonates. *Int J Gynaecol Obstet* 2024;166(3):1108-13.

CHAPTER 4: RELEASE OF MEMBRANES AT TERM

1. ACOG. Prelabor Rupture of Membranes: ACOG Practice Bulletin, Number 217. *Obstet Gynecol* 2020;135(3):e80-e97.
2. ACOG. Prevention of Group B Streptococcal Early-Onset Disease in Newborns: ACOG Committee Opinion, Number 797. *Obstet Gynecol* 2020;135(2):e51-e72.

3. Darney BG, Snowden JM, Cheng YW, et al. Elective induction of labor at term compared with expectant management: maternal and neonatal outcomes. *Obstet Gynecol* 2013;122(4):761-9.
4. Ehrlich K. Re: Question about CPM training. In: Goer H, ed.; May 29, 2023.
5. Hannah ME, Ohlsson A, Farine D, et al. Induction of labor compared with expectant management for prelabor rupture of the membranes at term. TERMPROM Study Group. *N Engl J Med* 1996;334(16):1005-10.
6. Hannah ME, Ohlsson A, Wang EE, et al. Maternal colonization with group B *Streptococcus* and prelabor rupture of membranes at term: the role of induction of labor. TermPROM Study Group. *Am J Obstet Gynecol* 1997;177(4):780-5.
7. Jansen S, Lopriore E, Naaktgeboren C, et al. Epidural-Related Fever and Maternal and Neonatal Morbidity: A Systematic Review and Meta-Analysis. *Neonatology* 2020;117(3):259-70.
8. Lin MG, Nuthalapaty FS, Carver AR, et al. Misoprostol for labor induction in women with term premature rupture of membranes: a meta-analysis. *Obstet Gynecol* 2005;106(3):593-601.
9. Middleton P, Shepherd E, Flenady V, et al. Planned early birth versus expectant management (waiting) for prelabour rupture of membranes at term (37 weeks or more). *Cochrane Database Syst Rev* 2017;1:CD005302.
10. Ohlsson A, Shah VS. Intrapartum antibiotics for known maternal Group B streptococcal colonization. *Cochrane Database Syst Rev* 2009(3):CD007467.
11. Seaward PG, Hannah ME, Myhr TL, et al. International Multicentre Term Prelabor Rupture of Membranes Study: evaluation of predictors of clinical chorioamnionitis and postpartum fever in patients with prelabor rupture of membranes at term. *Am J Obstet Gynecol* 1997;177(5):1024-9.

CHAPTER 5: IMPENDING POSTTERM

1. Antepartum Fetal Surveillance: ACOG Practice Bulletin, Number 229. *Obstet Gynecol* 2021;137(6):e116-e27.

2. ACOG. Committee Opinion No 579: Definition of term pregnancy. *Obstet Gynecol* 2013;122(5):1139-40.
3. ACOG. Committee opinion No. 561: Nonmedically indicated early-term deliveries. *Obstet Gynecol* 2013;121(4):911-5.
4. Al Khalaf SY, Heazell AEP, Kublickas M, et al. Risk of stillbirth after a previous caesarean delivery: A Swedish nationwide cohort study. *BJOG* 2024.
5. Bellussi F, Po G, Livi A, et al. Fetal Movement Counting and Perinatal Mortality: A Systematic Review and Meta-analysis. *Obstet Gynecol* 2020;135(2):453-62.
6. Bergsjö P, Denman DW, 3rd, Hoffman HJ, et al. Duration of human singleton pregnancy. A population-based study. *Acta Obstet Gynecol Scand* 1990;69(3):197-207.
7. Bjellmo S, Andersen GL, Hjelle S, et al. Does caesarean delivery in the first pregnancy increase the risk for adverse outcome in the second? A registry-based cohort study on first and second singleton births in Norway. *BMJ Open* 2020;10(8):e037717.
8. Bleicher I, Vitner D, Iofe A, et al. When should pregnancies that extended beyond term be induced?(). *J Matern Fetal Neonatal Med* 2017;30(2):219-23.
9. Burgos J, Rodriguez L, Otero B, et al. Induction at 41 weeks increases the risk of caesarean section in a hospital with a low rate of caesarean sections. *J Matern Fetal Neonatal Med* 2012;25(9):1716-8.
10. Caughey AB, Stotland NE, Washington AE, et al. Maternal and obstetric complications of pregnancy are associated with increasing gestational age at term. *Am J Obstet Gynecol* 2007;196(2):155 e1-6.
11. Chauhan SP, Sanderson M, Hendrix NW, et al. Perinatal outcome and amniotic fluid index in the antepartum and intrapartum periods: A meta-analysis. *Am J Obstet Gynecol* 1999;181(6):1473-8.
12. Cheng YW, Nicholson JM, Nakagawa S, et al. Perinatal outcomes in low-risk term pregnancies: do they differ by week of gestation? *Am J Obstet Gynecol* 2008;199(4):370 e1-7.
13. Crowley P. Interventions for preventing or improving the outcome of delivery at or beyond term. *Cochrane Database Syst Rev* 2001(2):CD000170.

14. Darney BG, Snowden JM, Cheng YW, et al. Elective induction of labor at term compared with expectant management: maternal and neonatal outcomes. *Obstet Gynecol* 2013;122(4):761-9.
15. Doubilet PM. Should a first trimester dating scan be routine for all pregnancies? *Semin Perinatol* 2013;37(5):307-9.
16. Driggers RW, Holcroft CJ, Blakemore KJ, et al. An amniotic fluid index < or =5 cm within 7 days of delivery in the third trimester is not associated with decreasing umbilical arterial pH and base excess. *J Perinatol* 2004;24(2):72-6.
17. Enkin M, Keirse MJNC, Neilson J, et al. *A Guide to Effective Care in Pregnancy and Childbirth*. 3rd ed. Oxford: Oxford University Press; 2000.
18. Goodarzi B, Seijmonsbergen-Schermer A, van Rijn M, et al. Maternal characteristics as indications for routine induction of labor: A nationwide retrospective cohort study. *Birth* 2022;49(3):569-81.
19. Grivell RM, Alfirevic Z, Gyte GM, et al. Antenatal cardiotocography for fetal assessment. *Cochrane Database Syst Rev* 2015(9):CD007863.
20. Hannah ME, Huh C, Hewson SA, et al. Postterm pregnancy: putting the merits of a policy of induction of labor into perspective. *Birth* 1996;23(1):13-9.
21. Hofmeyr GJ, Gulmezoglu AM. Maternal hydration for increasing amniotic fluid volume in oligohydramnios and normal amniotic fluid volume. *Cochrane Database Syst Rev* 2002(1):CD000134.
22. Jukic AM, Baird DD, Weinberg CR, et al. Length of human pregnancy and contributors to its natural variation. *Hum Reprod* 2013;28(10):2848-55.
23. Kassab A, Tucker A, El-Bialy G, et al. Comparison of two policies for induction of labour postdates. *J Obstet Gynaecol* 2011;31(1):32-6.
24. Keulen JK, Bruinsma A, Kortekaas JC, et al. Induction of labour at 41 weeks versus expectant management until 42 weeks (INDEX): multi-centre, randomised non-inferiority trial. *BMJ* 2019;364:l344.
25. Lalor JG, Fawole B, Alfirevic Z, et al. Biophysical profile for fetal assessment in high risk pregnancies. *Cochrane Database Syst Rev* 2008(1):CD000038.

26. Lawson GW. Naegele's rule and the length of pregnancy - A review. *Aust N Z J Obstet Gynaecol* 2021;61(2):177-82.
27. Lee VR, Darney BG, Snowden JM, et al. Term elective induction of labour and perinatal outcomes in obese women: retrospective cohort study. *BJOG* 2016;123(2):271-8.
28. Levine EM, Delfinado LN, Locher S, et al. Reducing the cesarean delivery rate. *Eur J Obstet Gynecol Reprod Biol* 2021;262:155-9.
29. MacDorman MF, Reddy UM, Silver RM. Trends in Stillbirth by Gestational Age in the United States, 2006-2012. *Obstet Gynecol* 2015;126(6):1146-50.
30. Mahomed K, Pungsornruk K, Gibbons K. Induction of labour for post-dates in nulliparous women with uncomplicated pregnancy - is the caesarean section rate really lower? *J Obstet Gynaecol* 2016;36(7):916-20.
31. Manzanares S, Carrillo MP, Gonzalez-Peran E, et al. Isolated oligohydramnios in term pregnancy as an indication for induction of labor. *J Matern Fetal Neonatal Med* 2007;20(3):221-4.
32. Marroquin GA, Tudorica N, Salafia CM, et al. Induction of labor at 41 weeks of pregnancy among primiparas with an unfavorable Bishop score. *Arch Gynecol Obstet* 2013;288(5):989-93.
33. Meyer C, Cohen E, Girault A, et al. Nulliparous women with an unfavourable cervix at 41 weeks: Which women go into spontaneous labor during the expectant period? *Eur J Obstet Gynecol Reprod Biol* 2022;269:35-40.
34. Middleton P, Shepherd E, Morris J, et al. Induction of labour at or beyond 37 weeks' gestation. *Cochrane Database Syst Rev* 2020;7(7):CD004945.
35. Mittendorf R, Williams MA, Berkey CS, et al. The length of uncomplicated human gestation. *Obstet Gynecol* 1990;75(6):929-32.
36. Mohide P, Enkin M. Are antenatal tests for fetal well-being worthwhile? *Clin Develop Med* 1992;123-124:132-42.
37. Moraitis AA, Oliver-Williams C, Wood AM, et al. Previous caesarean delivery and the risk of unexplained stillbirth: retrospective cohort study and meta-analysis. *BJOG* 2015;122(11):1467-74.

38. Morris RK, Meller CH, Tamblyn J, et al. Association and prediction of amniotic fluid measurements for adverse pregnancy outcome: systematic review and meta-analysis. *BJOG* 2014;121(6):686-99.
39. Oberg AS, Frisell T, Svensson AC, et al. Maternal and fetal genetic contributions to postterm birth: familial clustering in a population-based sample of 475,429 Swedish births. *Am J Epidemiol* 2013;177(6):531-7.
40. Oros D, Bejarano MP, Cardiel MR, et al. Low-risk pregnancy at 41 weeks: when should we induce labor? *J Matern Fetal Neonatal Med* 2012;25(6):728-31.
41. Pavicic H, Hamelin K, Menticoglou SM. Does routine induction of labour at 41 weeks really reduce the rate of caesarean section compared with expectant management? *J Obstet Gynaecol Can* 2009;31(7):621-6.
42. Schwartz N, Sweeting R, Young BK. Practice patterns in the management of isolated oligohydramnios: a survey of perinatologists. *J Matern Fetal Neonatal Med* 2009;22(4):357-61.
43. Smith GC. Use of time to event analysis to estimate the normal duration of human pregnancy. *Hum Reprod* 2001;16(7):1497-500.
44. Teo EY, Kumar S. Intrapartum intervention rates and perinatal outcomes following induction of labour after 41 + 0 weeks compared to expectant management. *J Matern Fetal Neonatal Med* 2017;30(21):2517-20.
45. Ulker K, Cicek M. Effect of maternal hydration on the amniotic fluid volume during maternal rest in the left lateral decubitus position: a randomized prospective study. *J Ultrasound Med* 2013;32(6):955-61.
46. Wennerholm UB, Saltvedt S, Wessberg A, et al. Induction of labour at 41 weeks versus expectant management and induction of labour at 42 weeks (SWedish Post-term Induction Study, SWEPIIS): multicentre, open label, randomised, superiority trial. *BMJ* 2019;367:l6131.

CHAPTER 6: ELECTIVE INDUCTION AT 39 WEEKS

1. ACOG Committee Opinion No. 766: Approaches to Limit Intervention During Labor and Birth. *Obstet Gynecol* 2019;133(2):e164-e73.

2. ACNM Responds to Release of ARRIVE Trial Study Results: Acknowledges Quality of Study but Raises Concerns about Potential for Misapplying Results. Aug 9, 2018. (Accessed at <https://www.midwife.org/ACNM-Responds-to-Release-of-ARRIVE-Trial-Study-Results>.)
3. ACOG. Committee opinion No. 561: Nonmedically indicated early-term deliveries. *Obstet Gynecol* 2013;121(4):911-5.
4. Alfrevic Z, Devane D, Gyte GM, et al. Continuous cardiotocography (CTG) as a form of electronic fetal monitoring (EFM) for fetal assessment during labour. *Cochrane Database Syst Rev* 2017;2:CD006066.
5. American College of Obstetricians & Gynecologists, Society for Maternal-Fetal Medicine, Caughey AB, et al. Safe prevention of the primary cesarean delivery. *Am J Obstet Gynecol* 2014;210(3):179-93.
6. Bailey DJ. Birth outcomes for women using free-standing birth centers in South Auckland, New Zealand. *Birth* 2017;44(3):246-51.
7. Bailit JL, Grobman W, Zhao Y, et al. Nonmedically indicated induction vs expectant treatment in term nulliparous women. *Am J Obstet Gynecol* 2015;212(1):103 e1-7.
8. Bellussi F, Po G, Livi A, et al. Fetal Movement Counting and Perinatal Mortality: A Systematic Review and Meta-analysis. *Obstet Gynecol* 2020;135(2):453-62.
9. Birthplace in England Collaborative Group. Perinatal and maternal outcomes by planned place of birth for healthy women with low risk pregnancies: the Birthplace in England national prospective cohort study. *BMJ* 2011;343:d7400.
10. Blix E, Huitfeldt AS, Oian P, et al. Outcomes of planned home births and planned hospital births in low-risk women in Norway between 1990 and 2007: a retrospective cohort study. *Sex Reprod Healthc* 2012;3(4):147-53.
11. Bohren MA, Hofmeyr GJ, Sakala C, et al. Continuous support for women during childbirth. *Cochrane Database Syst Rev* 2017;7:CD003766.
12. Bovbjerg ML, Cheyney M, Brown J, et al. Perspectives on risk: Assessment of risk profiles and outcomes among women planning community birth in the United States. *Birth* 2017.

13. Butler SE, Wallace EM, Bisits A, et al. Induction of labor and cesarean birth in lower-risk nulliparous women at term: A retrospective cohort study. *Birth* 2024;51(3):521-9.
14. Cheyney M, Bovbjerg M, Everson C, et al. Outcomes of care for 16,924 planned home births in the United States: the Midwives Alliance of North America statistics project, 2004 to 2009. *J Midwifery Womens Health* 2014;59(1):17-27.
15. Clark SL, Miller DD, Belfort MA, et al. Neonatal and maternal outcomes associated with elective term delivery. *Am J Obstet Gynecol* 2009;200(2):156 e1-4.
16. D'Souza R, Norwitz E. Induction of labor for low-risk women: is 39 the new 41? *OBG Management* December 2017;Supplement:S1-S5.
17. Hannah Dahlen on the ARRIVE trial. 2023. (Accessed May 16, 2023, at <https://www.youtube.com/watch?v=IUEOy76j3xM>.)
18. Dahlen HG, Thornton C, Downe S, et al. Intrapartum interventions and outcomes for women and children following induction of labour at term in uncomplicated pregnancies: a 16-year population-based linked data study. *BMJ Open* 2021;11(6):e047040.
19. Davey MA. Labor Induction vs. Expectant Management of Low-Risk Pregnancy. *N Engl J Med* 2018;379(23):2277-8.
20. De Vries R, Lemmens T. The social and cultural shaping of medical evidence: case studies from pharmaceutical research and obstetric science. *Soc Sci Med* 2006;62(11):2694-706.
21. Dong S, Bapoo S, Shukla M, et al. Induction of labour in low-risk pregnancies before 40 weeks of gestation: A systematic review and meta-analysis of randomized trials. *Best Pract Res Clin Obstet Gynaecol* 2022;79:107-25.
22. Fineberg AE, Harley K, Lahiff M, et al. The relative impact of labor induction versus improved labor management: Before and after the ARRIVE (a randomized trial of induction vs. expectant management) trial. *Birth* 2024.
23. Ghartey J, Macones GA. 39-Week nulliparous inductions are not elective. *Am J Obstet Gynecol* 2020;222(6):519-20.

24. Glantz JC. Elective Induction at 39 Weeks of Gestation and the Implications of a Large, Multicenter, Randomized Controlled Trial. *Obstet Gynecol* 2019;134(1):178-9.
25. Goer H. Dueling cesarean statistics: What should the cesarean rate be? — Henci Goer compares recent studies. In: Muza S, ed. *Science and Sensibility*: Lamaze International; 2015.
26. Goer H. *Labor Pain: What's Your Best Strategy?* : S Press; 2022.
27. Goer H. Midwife vs Doctor? Midwives Are the Better Bet. In; Jul 27, 2020.
28. Grivell RM, Alfirevic Z, Gyte GM, et al. Antenatal cardiotocography for fetal assessment. *Cochrane Database Syst Rev* 2015(9):CD007863.
29. Grobman WA, Rice MM, Reddy UM, et al. Labor Induction versus Expectant Management in Low-Risk Nulliparous Women. *N Engl J Med* 2018;379(6):513-23.
30. Hu Y, Homer CSE, Ellwood D, et al. Likelihood of primary cesarean section following induction of labor in singleton cephalic pregnancies at term, compared with expectant management: An Australian population-based, historical cohort study. *Acta Obstet Gynecol Scand* 2024;103(5):946-54.
31. Hutton EK, Cappelletti A, Reitsma AH, et al. Outcomes associated with planned place of birth among women with low-risk pregnancies. *CMAJ* 2015.
32. James-Conterelli S, Kennedy HP. Does the ARRIVE trial merit changing obstetric practice? Some reflections four-year postrelease. *Birth* 2023;50(2):258-66.
33. Janssen PA, Saxell L, Page LA, et al. Outcomes of planned home birth with registered midwife versus planned hospital birth with midwife or physician. *CMAJ* 2009;181(6-7):377-83.
34. Johnson KC, Daviss BA. Outcomes of planned home births with certified professional midwives: large prospective study in North America. *BMJ* 2005;330(7505):1416-22.
35. Jolles DR, Langford R, Stapleton S, et al. Outcomes of childbearing Medicaid beneficiaries engaged in care at Strong Start birth center sites between 2012 and 2014. *Birth* 2017;44(4):298-305.

36. Klein MC. Homage to Dr. Murray Enkin and the complexity of evidence-based medicine. *Birth* 2023;50(2):255-7.
37. Lalor JG, Fawole B, Alfirevic Z, et al. Biophysical profile for fetal assessment in high risk pregnancies. *Cochrane Database Syst Rev* 2008(1):CD000038.
38. Langan ES, Schiller AJ, Moore K, et al. Outcomes of Elective Induction of Labor at 39 Weeks from a Statewide Collaborative Quality Initiative. *Am J Perinatol* 2023.
39. Lawrence A, Lewis L, Hofmeyr GJ, et al. Maternal positions and mobility during first stage labour. *Cochrane Database Syst Rev* 2013;10:CD003934.
40. Levine EM, Delfinado LN, Locher S, et al. Reducing the cesarean delivery rate. *Eur J Obstet Gynecol Reprod Biol* 2021;262:155-9.
41. Comments on the ARRIVE Trial. California Maternal Quality Care Collaborative (CMQCC), Feb 8, 2018. (Accessed at <https://www.cmqcc.org/sites/default/files/Arrive%20Trial%20Statement%20Final.pdf>.)
42. Main EK, Chang SC, Cheng YW, et al. Hospital-Level Variation in the Frequency of Cesarean Delivery Among Nulliparous Women Who Undergo Labor Induction. *Obstet Gynecol* 2020;136(6):1179-89.
43. Morris RK, Meller CH, Tamblyn J, et al. Association and prediction of amniotic fluid measurements for adverse pregnancy outcome: systematic review and meta-analysis. *BJOG* 2014;121(6):686-99.
44. Nethery E, Schummers L, Levine A, et al. Birth Outcomes for Planned Home and Licensed Freestanding Birth Center Births in Washington State. *Obstet Gynecol* 2021;138(5):693-702.
45. Rouse DJ, Owen J, Hauth JC. Active-phase labor arrest: oxytocin augmentation for at least 4 hours. *Obstet Gynecol* 1999;93(3):323-8.
46. Rouse DJ, Owen J, Savage KG, et al. Active phase labor arrest: revisiting the 2-hour minimum. *Obstet Gynecol* 2001;98(4):550-4.
47. Seijmonsbergen-Schermer AE, Peters LL, Goodarzi B, et al. Which level of risk justifies routine induction of labor for healthy women? *Sex Reprod Healthc* 2020;23:100479.

48. Smith H, Peterson N, Lagrew D, et al. Toolkit to Support Vaginal Birth and Reduce Primary Cesareans: A Quality Improvement Toolkit. Stanford, CA: California Maternal Quality Care Collaborative; 2022.
49. Society of Maternal-Fetal Publications Committee. Electronic address pso. SMFM Statement on Elective Induction of Labor in Low-Risk Nulliparous Women at Term: the ARRIVE Trial. *Am J Obstet Gynecol* 2019;221(1):B2-B4.
50. Speak Up for Your Rights (Replaces “Speak Up: Know Your Rights”). 2019. (Accessed Jul 16, 2023, at https://www.jointcommission.org/-/media/tjc/documents/resources/speak-up/speak-ups/for-your-rights/speak-up-for-your-rights-85-x-11_.pdf 7/16/2023 now available as an infographic)
51. Tita ATN, Doherty L, Grobman WA, et al. Maternal and Perinatal Outcomes of Expectant Management of Full-Term, Low-Risk, Nulliparous Patients. *Obstet Gynecol* 2021;137(2):250-7.
52. Tita ATN, Jablonski KA, Bailit JL, et al. Neonatal outcomes of elective early-term births after demonstrated fetal lung maturity. *Am J Obstet Gynecol* 2018.
53. van der Hulst LA, van Teijlingen ER, Bonsel GJ, et al. Does a pregnant woman’s intended place of birth influence her attitudes toward and occurrence of obstetric interventions? *Birth* 2004;31(1):28-33.

CHAPTER 7: GIVING MOTHER NATURE A NUDGE

1. The Health Benefits of Castor Oil. WebMD, 2023. (Accessed Dec 8, 2023, at <https://www.webmd.com/diet/castor-oil-health-benefits>.)
2. Boulvain M, Stan C, Irion O. Membrane sweeping for induction of labour. *Cochrane Database Syst Rev* 2005(1):CD000451.
3. Carbone L, De Vivo V, Saccone G, et al. Sexual Intercourse for Induction of Spontaneous Onset of Labor: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *J Sex Med* 2019;16(11):1787-95.
4. Darney BG, Snowden JM, Cheng YW, et al. Elective induction of labor at term compared with expectant management: maternal and neonatal outcomes. *Obstet Gynecol* 2013;122(4):761-9.

5. Finucane EM, Murphy DJ, Biesty LM, et al. Membrane sweeping for induction of labour. *Cochrane Database Syst Rev* 2020;2(2):CD000451.
6. Hill MJ, McWilliams GD, Garcia-Sur D, et al. The effect of membrane sweeping on prelabor rupture of membranes: a randomized controlled trial. *Obstet Gynecol* 2008;111(6):1313-9.
7. Kavanagh J, Kelly AJ, Thomas J. Breast stimulation for cervical ripening and induction of labour. *Cochrane Database Syst Rev* 2005(3):CD003392.
8. Simkin P. *The Birth Partner*. 4th ed. Beverly, MA: The Harvard Common Press; 2013.
9. Singh N, Tripathi R, Mala YM, et al. Breast stimulation in low-risk primigravidas at term: does it aid in spontaneous onset of labour and vaginal delivery? A pilot study. *Biomed Res Int* 2014;2014:695037.
10. Smith CA, Armour M, Dahlen HG. Acupuncture or acupressure for induction of labour. *Cochrane Database Syst Rev* 2017;10:CD002962.
11. The Do's and Don'ts of Using Castor Oil to Induce Labor. Healthline, 2018. (Accessed Jan 2, 2024, at <https://www.healthline.com/health/pregnancy/castor-oil-labor>.)
12. Zamawe C, King C, Jennings HM, et al. Effectiveness and safety of herbal medicines for induction of labour: a systematic review and meta-analysis. *BMJ Open* 2018;8(10):e022499.

CHAPTER 8: INDUCING LABOR

1. ACOG. ACOG Practice Bulletin No. 205: Vaginal Birth After Cesarean Delivery. *Obstet Gynecol* 2019;133(2):e110-e27.
2. ACOG. Prelabor Rupture of Membranes: ACOG Practice Bulletin, Number 217. *Obstet Gynecol* 2020;135(3):e80-e97.
3. Adler K, Rahkonen L, Kruit H. Maternal childbirth experience in induced and spontaneous labour measured in a visual analog scale and the factors influencing it; a two-year cohort study. *BMC Pregnancy Childbirth* 2020;20(1):415.
4. American College of N-M, Carlson NS, Dunn Amore A, et al. American College of Nurse-Midwives Clinical Bulletin Number 18: Induction of Labor. *J Midwifery Womens Health* 2022;67(1):140-9.

5. American College of Obstetricians & Gynecologists, Society for Maternal-Fetal Medicine, Caughey AB, et al. Safe prevention of the primary cesarean delivery. *Am J Obstet Gynecol* 2014;210(3):179-93.
6. Amorosa JMH, Stone J, Factor SH, et al. A randomized trial of Foley Bulb for Labor Induction in Premature Rupture of Membranes in Nulliparas (FLIP). *Am J Obstet Gynecol* 2017;217(3):360 e1- e7.
7. Balki M, Erik-Soussi M, Kingdom J, et al. Oxytocin pretreatment attenuates oxytocin-induced contractions in human myometrium in vitro. *Anesthesiology* 2013;119(3):552-61.
8. Balki M, Ramachandran N, Lee S, et al. The Recovery Time of Myometrial Responsiveness After Oxytocin-Induced Desensitization in Human Myometrium In Vitro. *Anesth Analg* 2016;122(5):1508-15.
9. Battarbee AN, Sandoval G, Grobman WA, et al. Maternal and Neonatal Outcomes Associated with Amniotomy among Nulliparous Women Undergoing Labor Induction at Term. *Am J Perinatol* 2021;38(S 01):e239-e48.
10. Blackwell SC, Refuerzo J, Chadha R, et al. Duration of labor induction in nulliparous women at term: how long is long enough? *Am J Perinatol* 2008;25(4):205-9.
11. Boie S, Glavind J, Velu AV, et al. Discontinuation of intravenous oxytocin in the active phase of induced labour. *Cochrane Database Syst Rev* 2018;8(8):CD012274.
12. Boyle JJ, Katz VL. Umbilical cord prolapse in current obstetric practice. *J Reprod Med* 2005;50(5):303-6.
13. Braund S, Deneux-Tharaux C, Sentilhes L, et al. Induction of labor and risk of postpartum hemorrhage in women with vaginal delivery: A propensity score analysis. *Int J Gynaecol Obstet* 2024.
14. Buckley S, Uvnas-Moberg K, Pajalic Z, et al. Maternal and newborn plasma oxytocin levels in response to maternal synthetic oxytocin administration during labour, birth and postpartum - a systematic review with implications for the function of the oxytocinergic system. *BMC Pregnancy Childbirth* 2023;23(1):137.
15. Buckley SJ. Hormonal physiology of childbearing: Evidence and implications for women, babies, and maternity care. Washington, D.C.; 2015.

16. Budden A, Chen LJ, Henry A. High-dose versus low-dose oxytocin infusion regimens for induction of labour at term. *Cochrane Database Syst Rev* 2014(10):CD009701.
17. Clark SL, Meyers JA, Frye DK, et al. Recognition and response to electronic fetal heart rate patterns: impact on newborn outcomes and primary cesarean delivery rate in women undergoing induction of labor. *Am J Obstet Gynecol* 2015;212(4):494 e1-6.
18. de Vaan MD, Ten Eikelder ML, Jozwiak M, et al. Mechanical methods for induction of labour. *Cochrane Database Syst Rev* 2023;3(3):CD001233.
19. Dore S, Ehman W. Society of Obstetricians & Gynecologists of Canada. No. 396-Fetal Health Surveillance: Intrapartum Consensus Guideline. *J Obstet Gynaecol Can* 2020;42(3):316-48 e9.
20. Dunne C, Da Silva O, Schmidt G, et al. Outcomes of elective labour induction and elective caesarean section in low-risk pregnancies between 37 and 41 weeks' gestation. *J Obstet Gynaecol Can* 2009;31(12):1124-30.
21. Ekeus C, Hogberg U, Norman M. Vacuum assisted birth and risk for cerebral complications in term newborn infants: a population-based cohort study. *BMC Pregnancy Childbirth* 2014;14:36.
22. Erickson EN, Carlson NS. Predicting Postpartum Hemorrhage After Low-Risk Vaginal Birth by Labor Characteristics and Oxytocin Administration. *J Obstet Gynecol Neonatal Nurs* 2020;49(6):549-63.
23. Escobar CM, Grunebaum A, Nam EY, et al. Non-adherence to labor guidelines in cesarean sections done for failed induction and arrest of dilation. *J Perinat Med* 2020;49(1):17-22.
24. Gibson KS, Waters TP, Bailit JL. Maternal and neonatal outcomes in electively induced low-risk term pregnancies. *Am J Obstet Gynecol* 2014;211(3):249 e1- e16.
25. Girault A, Sentilhes L, Desbriere R, et al. Impact of discontinuing oxytocin in active labour on neonatal morbidity: an open-label, multicentre, randomised trial. *Lancet* 2023;402(10417):2091-100.
26. Goer H. The case against elective repeat cesarean. In: Goer H., Romano A., eds. *Optimal Care in Childbirth: The Case for a Physiologic Approach*. Seattle, WA: Classic Day Publishing; 2012.

27. Goer H. Dueling cesarean statistics: What should the cesarean rate be? — Henci Goer compares recent studies. In: Muza S, ed. *Science and Sensibility*: Lamaze International; 2015.
28. Goer H. Instrumental delivery and fundal pressure: when push comes to pull—or shove. In: Goer H., Romano A., eds. *Optimal Care in Childbirth: The Case for a Physiologic Approach*. Seattle, WA: Classic Day Publishing; 2012.
29. Goer H. *Labor Pain: What's Your Best Strategy?* : S Press; 2022.
30. Goffinet F, Fraser W, Marcoux S, et al. Early amniotomy increases the frequency of fetal heart rate abnormalities. Amniotomy Study Group. *Br J Obstet Gynaecol* 1997;104(5):548-53.
31. Grotegut CA, Paglia MJ, Johnson LN, et al. Oxytocin exposure during labor among women with postpartum hemorrhage secondary to uterine atony. *Am J Obstet Gynecol* 2011.
32. Gulersen M, Zottola C, Li X, et al. Chorioamnionitis after premature rupture of membranes in nulliparas undergoing labor induction: prostaglandin E2 vs. oxytocin. *J Perinat Med* 2021;49(9):1058-63.
33. Hannah ME, Ohlsson A, Farine D, et al. Induction of labor compared with expectant management for prelabor rupture of the membranes at term. TERMPROM Study Group. *N Engl J Med* 1996;334(16):1005-10.
34. Harper LM, Caughey AB, Odibo AO, et al. Normal progress of induced labor. *Obstet Gynecol* 2012;119(6):1113-8.
35. Hehir MP, O'Connor HD, Higgins S, et al. Obstetric anal sphincter injury, risk factors and method of delivery - an 8-year analysis across two tertiary referral centers. *J Matern Fetal Neonatal Med* 2013;26(15):1514-6.
36. Hernandez-Martinez A, Arias-Arias A, Morandeira-Rivas A, et al. Oxytocin discontinuation after the active phase of induced labor: A systematic review. *Women Birth* 2019;32(2):112-8.
37. Hofmeyr GJ, Gulmezoglu AM, Pileggi C. Vaginal misoprostol for cervical ripening and induction of labour. *Cochrane Database Syst Rev* 2010(10):CD000941.
38. Kahana B, Sheiner E, Levy A, et al. Umbilical cord prolapse and perinatal outcomes. *Int J Gynaecol Obstet* 2004;84(2):127-32.

39. Kerr RS, Kumar N, Williams MJ, et al. Low-dose oral misoprostol for induction of labour. *Cochrane Database Syst Rev* 2021;6(6):CD014484.
40. Kim SW, Nasioudis D, Levine LD. Role of early amniotomy with induced labor: a systematic review of literature and meta-analysis. *Am J Obstet Gynecol* 2019;1(4):100052.
41. Klein MC. Preventive labor induction-AMOR-IPAT: much promise, not yet realized. *Birth* 2009;36(1):83-5.
42. Langen ES, Schiller AJ, Moore K, et al. Outcomes of Elective Induction of Labor at 39 Weeks from a Statewide Collaborative Quality Initiative. *Am J Perinatol* 2023.
43. Laughon SK, Zhang J, Grewal J, et al. Induction of labor in a contemporary obstetric cohort. *Am J Obstet Gynecol* 2012;206(6):486 e1-9.
44. Lawrence A, Lewis L, Hofmeyr GJ, et al. Maternal positions and mobility during first stage labour. *Cochrane Database Syst Rev* 2013;10:CD003934.
45. Le Ray C, Carayol M, Breart G, et al. Elective induction of labor: failure to follow guidelines and risk of cesarean delivery. *Acta Obstet Gynecol Scand* 2007;86(6):657-65.
46. MacDorman MF, Mathews TJ, Martin JA, et al. Trends and characteristics of induced labour in the United States, 1989-98. *Paediatr Perinat Epidemiol* 2002;16(3):263-73.
47. Mackeen AD, Durie DE, Lin M, et al. Foley Plus Oxytocin Compared With Oxytocin for Induction After Membrane Rupture: A Randomized Controlled Trial. *Obstet Gynecol* 2018;131(1):4-11.
48. Main EK, Chang SC, Cheng YW, et al. Hospital-Level Variation in the Frequency of Cesarean Delivery Among Nulliparous Women Who Undergo Labor Induction. *Obstet Gynecol* 2020;136(6):1179-89.
49. Marroquin GA, Tudorica N, Salafia CM, et al. Induction of labor at 41 weeks of pregnancy among primiparas with an unfavorable Bishop score. *Arch Gynecol Obstet* 2013;288(5):989-93.
50. McAdow M, Xu X, Lipkind H, et al. Association of Oxytocin Rest During Labor Induction of Nulliparous Women With Mode of Delivery. *Obstet Gynecol* 2020;135(3):569-75.

51. Mercer BM, McNanley T, O'Brien JM, et al. Early versus late amniotomy for labor induction: a randomized trial. *Am J Obstet Gynecol* 1995;173(4):1321-5.
52. Middleton P, Shepherd E, Flenady V, et al. Planned early birth versus expectant management (waiting) for prelabour rupture of membranes at term (37 weeks or more). *Cochrane Database Syst Rev* 2017;1:CD005302.
53. Ostborg TB, Romundstad PR, Eggebo TM. Duration of the active phase of labor in spontaneous and induced labors. *Acta Obstet Gynecol Scand* 2017;96(1):120-7.
54. Prichard N, Lindquist A, Hiscock R, et al. High-dose compared with low-dose oxytocin for induction of labour of nulliparous women at term. *J Matern Fetal Neonatal Med* 2019;32(3):362-8.
55. Ramm O, Woo VG, Hung YY, et al. Risk Factors for the Development of Obstetric Anal Sphincter Injuries in Modern Obstetric Practice. *Obstet Gynecol* 2018;131(2):290-6.
56. In Defense of the Amniotic Sac. 2024. (Accessed Dec 1, 2024, at <https://www.rachelreed.website/blog/amnioticsaclabour>.)
57. Rinehart BK, Terrone DA, Hudson C, et al. Lack of utility of standard labor curves in the prediction of progression during labor induction. *Am J Obstet Gynecol* 2000;182(6):1520-6.
58. Roberts WE, Martin RW, Roach HH, et al. Are obstetric interventions such as cervical ripening, induction of labor, amnioinfusion, or amniotomy associated with umbilical cord prolapse? *Am J Obstet Gynecol* 1997;176(6):1181-3; discussion 3-5.
59. Robinson D, Campbell K, Hobson SR, et al. Guideline No. 432a: Cervical Ripening and Induction of Labour - General Information. *J Obstet Gynaecol Can* 2023;45(1):35-44 e1.
60. Rossen J, Okland I, Nilsen OB, et al. Is there an increase of post-partum hemorrhage, and is severe hemorrhage associated with more frequent use of obstetric interventions? *Acta Obstet Gynecol Scand* 2010;89(10):1248-55.
61. Simon CE, Grobman WA. When has an induction failed? *Obstet Gynecol* 2005;105(4):705-9.

62. Smyth RM, Markham C, Dowswell T. Amniotomy for shortening spontaneous labour. *Cochrane Database Syst Rev* 2013;6:CD006167.
63. Teal EN, Lewkowitz AK, Koser SLP, et al. Quantifying the Risks and Benefits of Continuing Labor Induction: Data for Shared Decision-Making. *Am J Perinatol* 2021;38(9):935-43.
64. Teixeira C, Lunet N, Rodrigues T, et al. The Bishop Score as a determinant of labour induction success: a systematic review and meta-analysis. *Arch Gynecol Obstet* 2012;286(3):739-53.
65. Vahratian A, Zhang J, Troendle JF, et al. Labor progression and risk of cesarean delivery in electively induced nulliparas. *Obstet Gynecol* 2005;105(4):698-704.
66. Vrouenraets FP, Roumen FJ, Dehing CJ, et al. Bishop score and risk of cesarean delivery after induction of labor in nulliparous women. *Obstet Gynecol* 2005;105(4):690-7.