

# Optimizing Induction for Better Outcomes

Helping Michigan hospitals use proven methods to shorten induction time and improve outcomes for parents and babies.



## Background

- **Induction of labor (IOL)** is a medical procedure that **starts labor before it begins on its own**. It may be done for **medical reasons** (to protect the health of the pregnant person or baby) or as an **elective choice** (planned for non-emergency reasons). It is very common and happens in **more than 30% of births**.
- **Evidence-based IOL uses two proven methods\***:

### DUAL AGENT RIPENING



**Chemical + Mechanical  
Ripening**

### EARLY AMNIOTOMY



**At or before 4cm  
dilated, offer amniotomy**

- Right now in Michigan, evidence-based induction is **not used often**. In our statewide registry, **fewer than 10%** of inductions use both proven methods.
- When these methods are not used, more people may have **longer inductions** and **preventable maternal and neonatal morbidity**.

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# Evidence-Based IOL: An OBI Initiative

The Obstetrics Initiative (OBI) leads a statewide quality improvement (QI) project to help hospitals use evidence-based induction methods, shorten induction duration, and reduce preventable complications.

OBI supports our 65+ member hospitals by providing:



**Timely, credible performance data** to illuminate improvement opportunities



**Compelling QI resources and tailored support** to overcome barriers and make change happen



**Shared learning opportunities** to inspire collective action

OBI Hospital Champions will help make clinical practice change easier with:

- Evidence-based induction of labor guidelines
- Updates to the electronic health record (EHR)
- Education for maternity clinicians and people giving birth
- Regular QI data review with clinical teams to support ongoing improvement

## Initiative Goal



By **December 2028**, more than **70% of hospitals** will offer evidence-based IOL. This will be measured by:

- **80% or more of clinicians** are trained in evidence-based IOL
- **70% or more of eligible patients** are recommended evidence-based IOL methods

## Learn More

Scan the QR code or visit [www.obstetricsinitiative.org](http://www.obstetricsinitiative.org) to learn more about OBI and identify opportunities to get involved.

