

# First, Do No Harm<sup>®</sup> - Cause Map

Video - Case Study

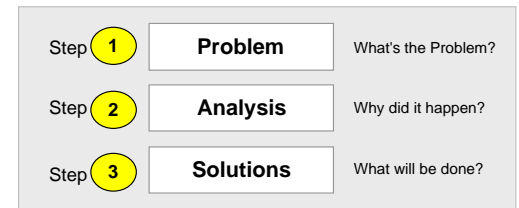


## CAUSE MAPPING<sup>®</sup>

Problem Solving • Incident Investigation • Root Cause Analysis

Cause Mapping is a visual, systems-based root cause analysis method that identifies fundamental cause-and-effect relationships supported with evidence.

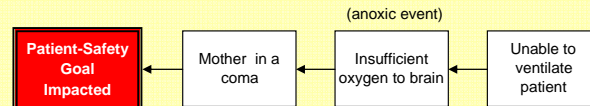
The three basic steps of Cause Mapping are shown here.



### 1 Problem Definition

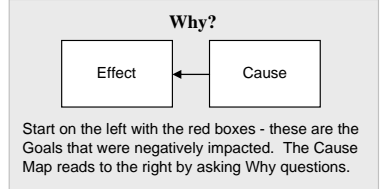
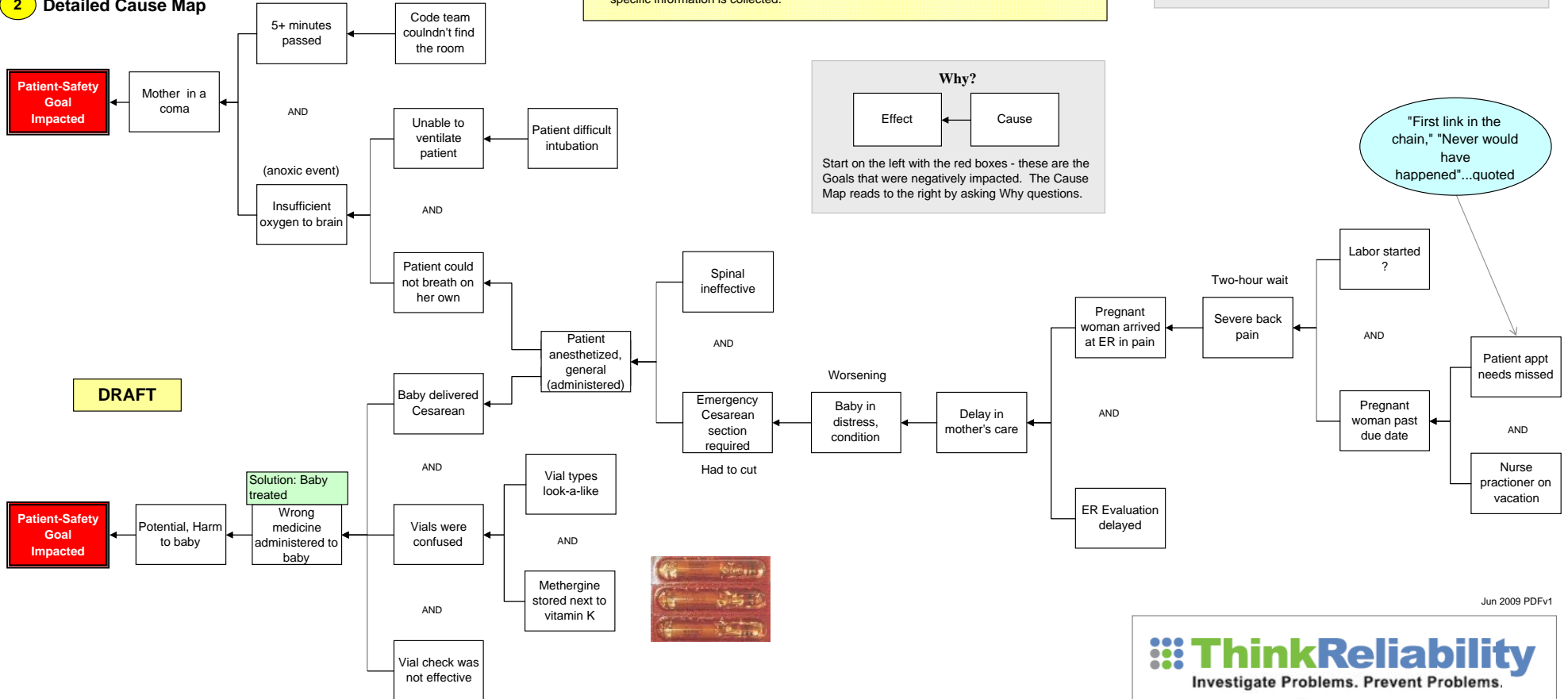
<b>What</b>	Problem(s)	Mother in a coma, Baby given wrong medication
<b>When</b>	Date	July 2, 2002
	Time	8:00 AM - Arrived at hospital 12:15 AM - Fell into a coma
<b>Where</b>	Differences	Patient doesn't speak english, late term pregnancy
	Physical Location	Hospital
	Unit, Area	Labor & Delivery - Operating Room
	Procedure	Patient in labor, Cesarean delivery
<b>Impact to the Goals</b>	<b>Patient-Safety</b>	Woman (mother) in a coma Baby - recovering from Methergine dose

### Basic Cause Map



This Cause Map shows how just a few Why questions can start a cause-and-effect analysis for a complex issue. Detail is added to the basic Cause Map as more specific information is collected.

### 2 Detailed Cause Map



"First link in the chain," "Never would have happened"...quoted

DRAFT

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