

Improving Data Quality

It's All About Flow!

Kayla Myers, MSHE

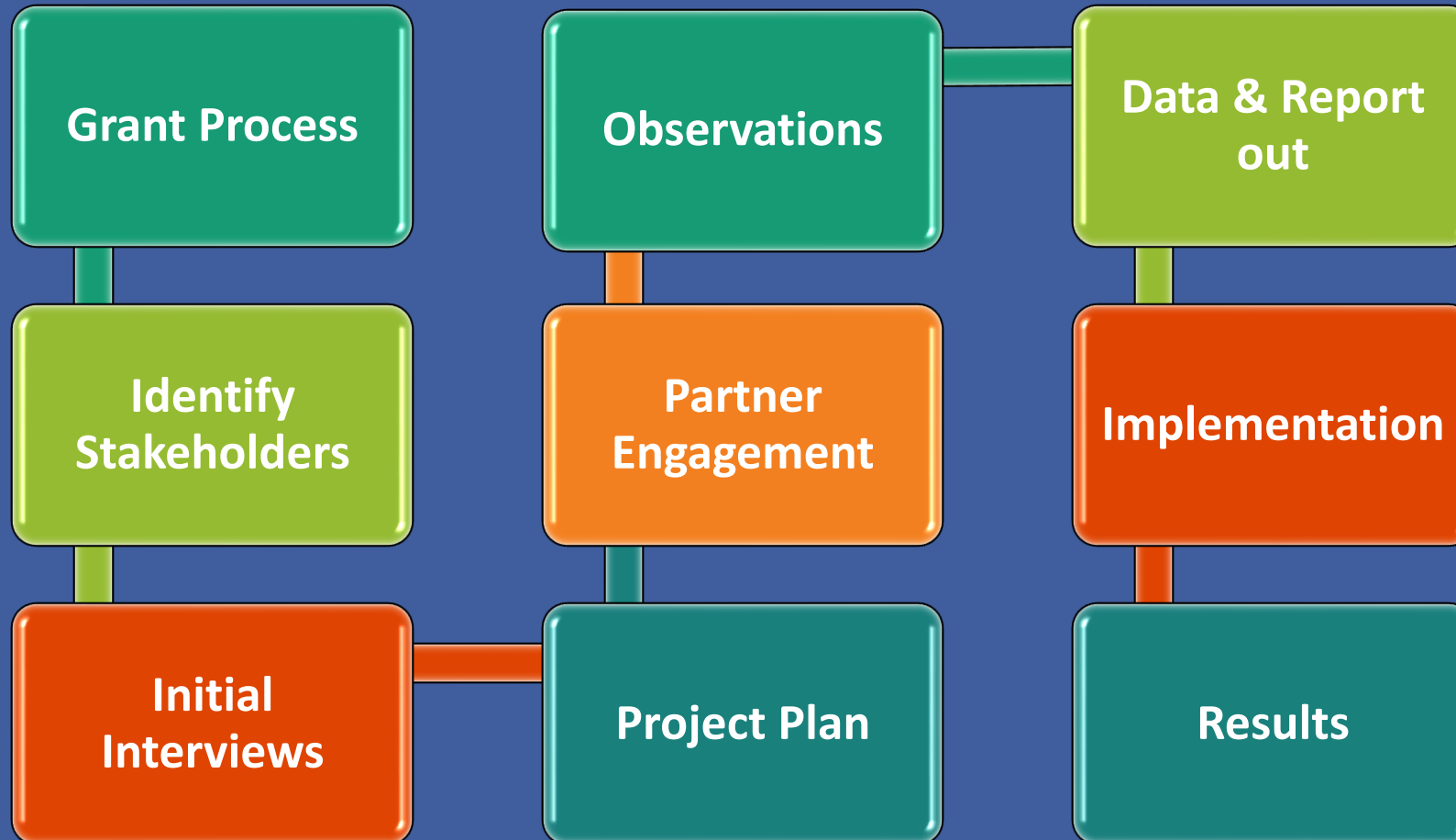
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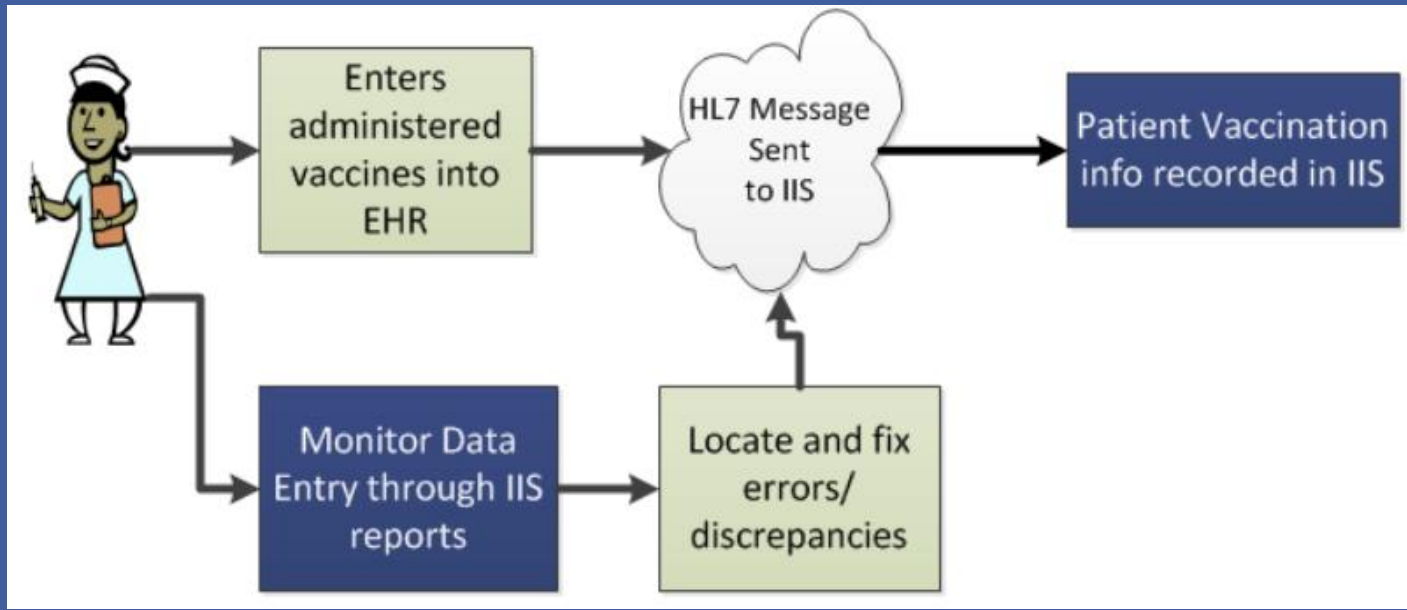
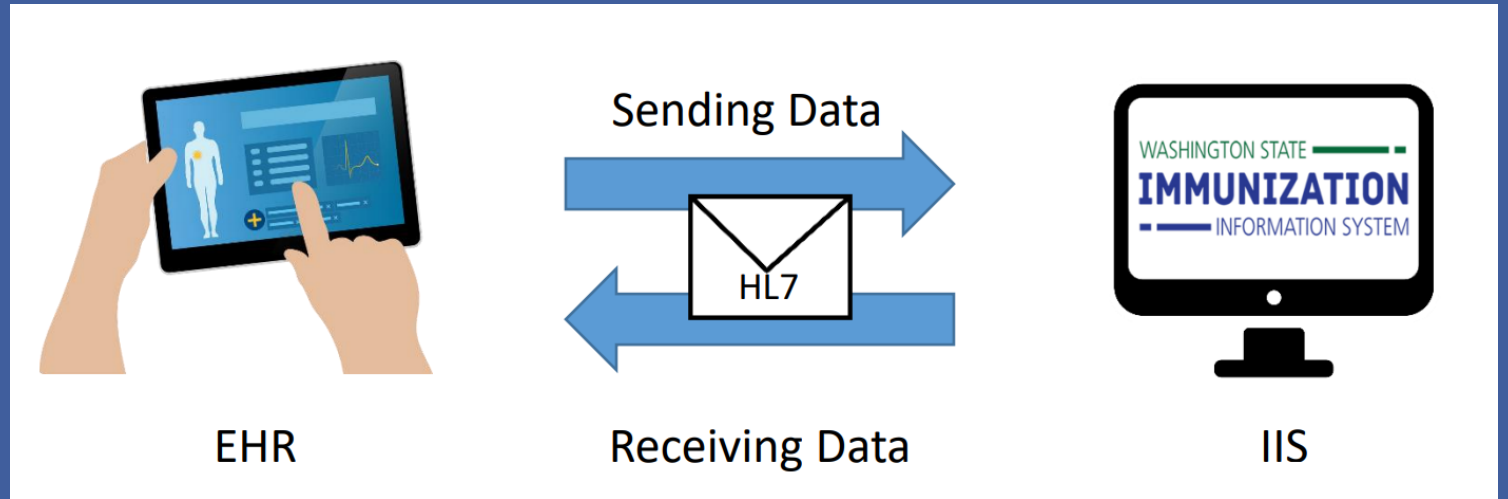
Overview

- What was the intent of this project?
- How were the methods and tools chosen to identify gaps and improvements?
- How were the suggested improvements implemented?
- What were the results?

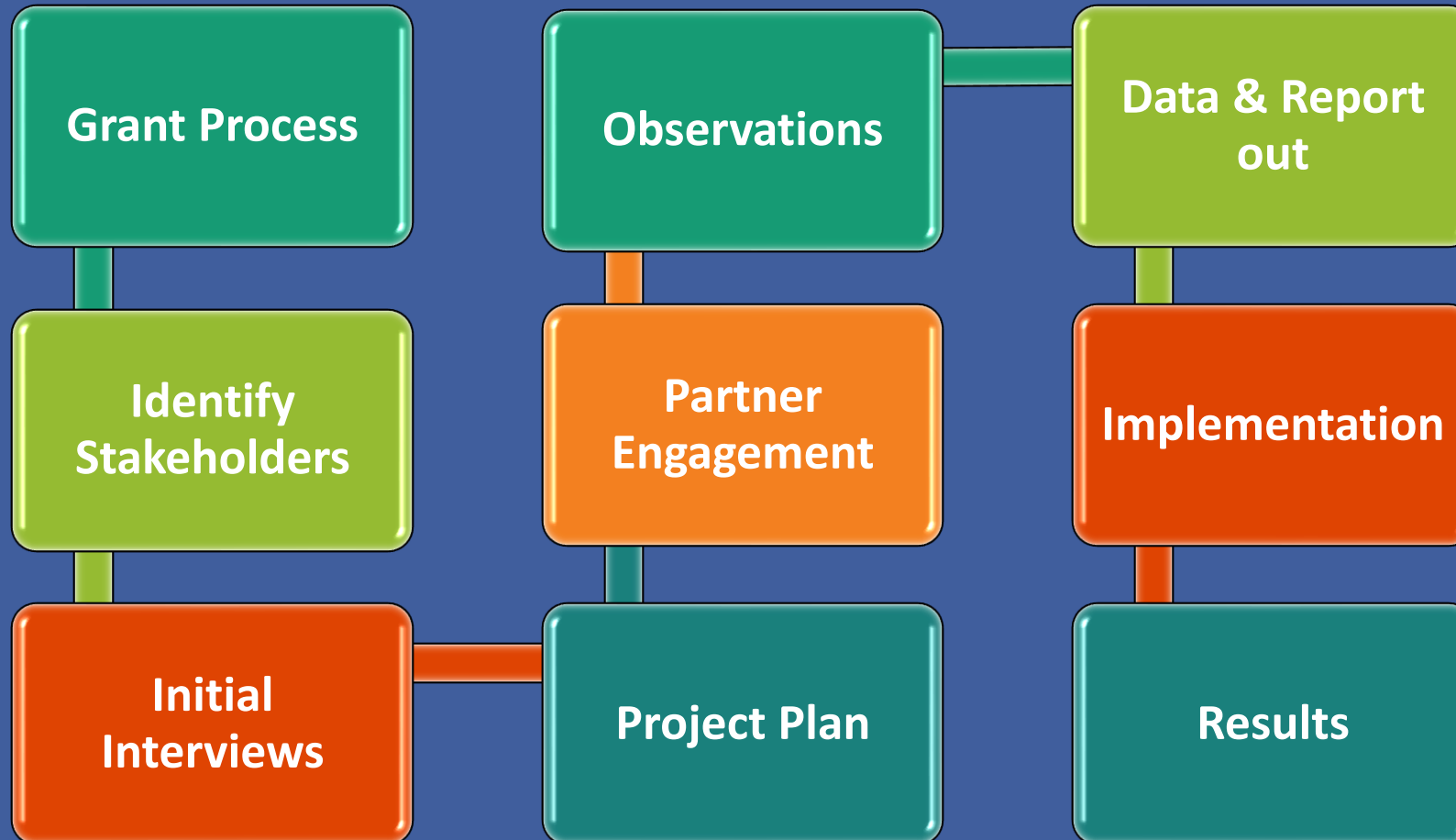
Process Development



Background



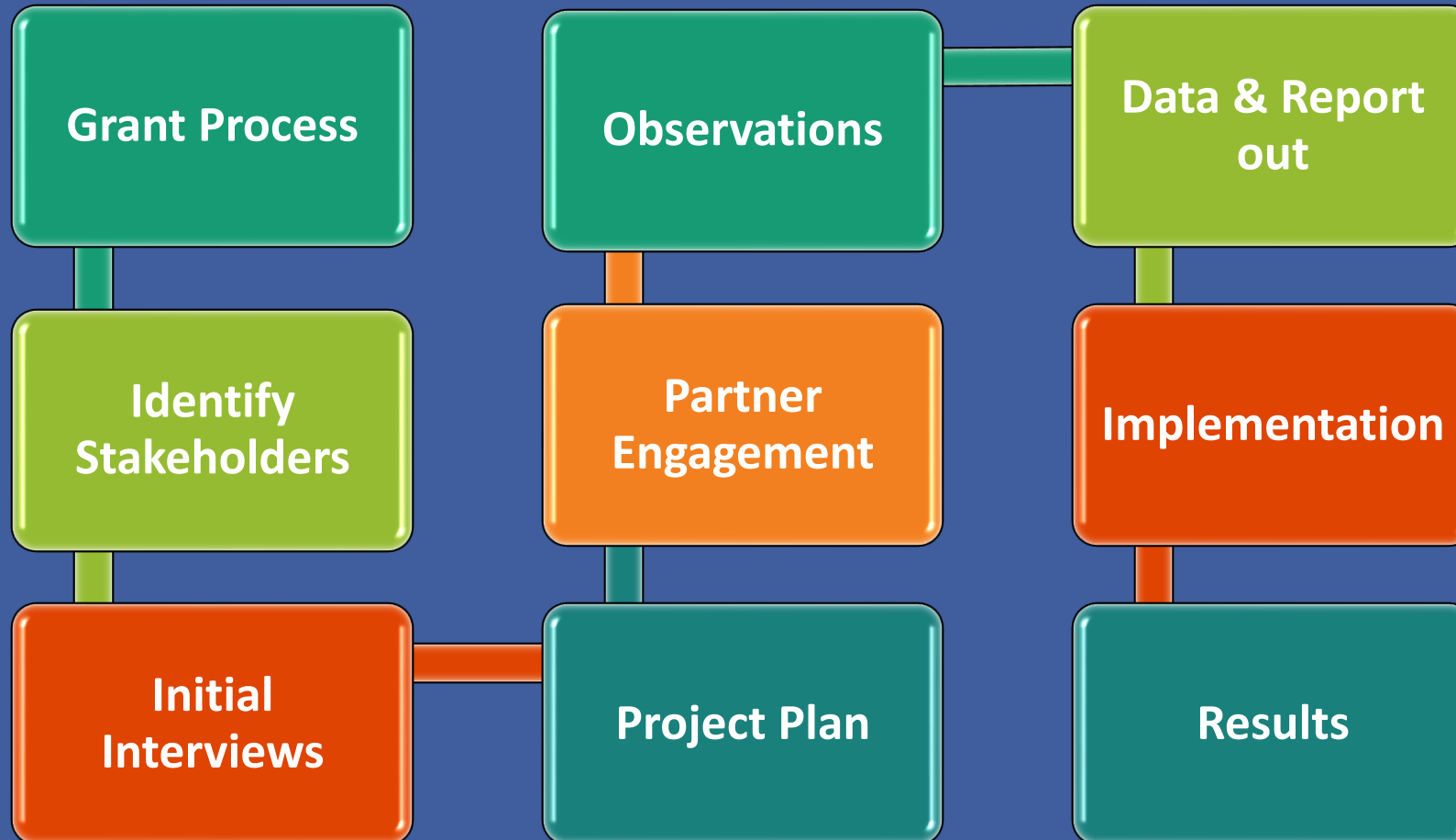
Process Development



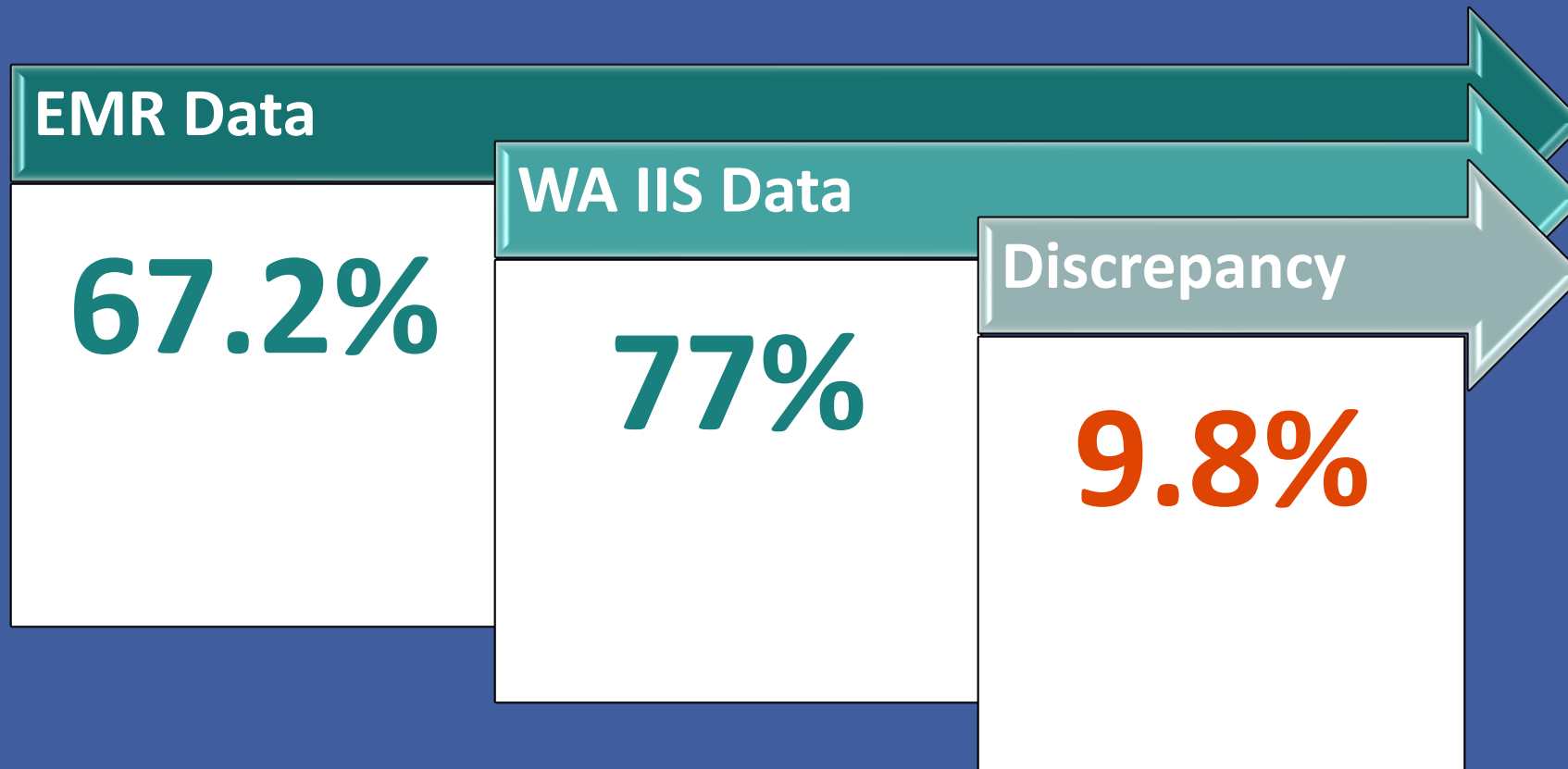
Methods Used

- Data collection from IIS and HCO EMRs to collect coverage rates.
- Performed observations to find current workflows being utilized.
- Used comparison methods to illustrates inefficiencies.
- Created graphs to illustrate data improvements.
- Determined realistic timeframes and implemented tools.
- Provided additional resources as requested.

Process Development

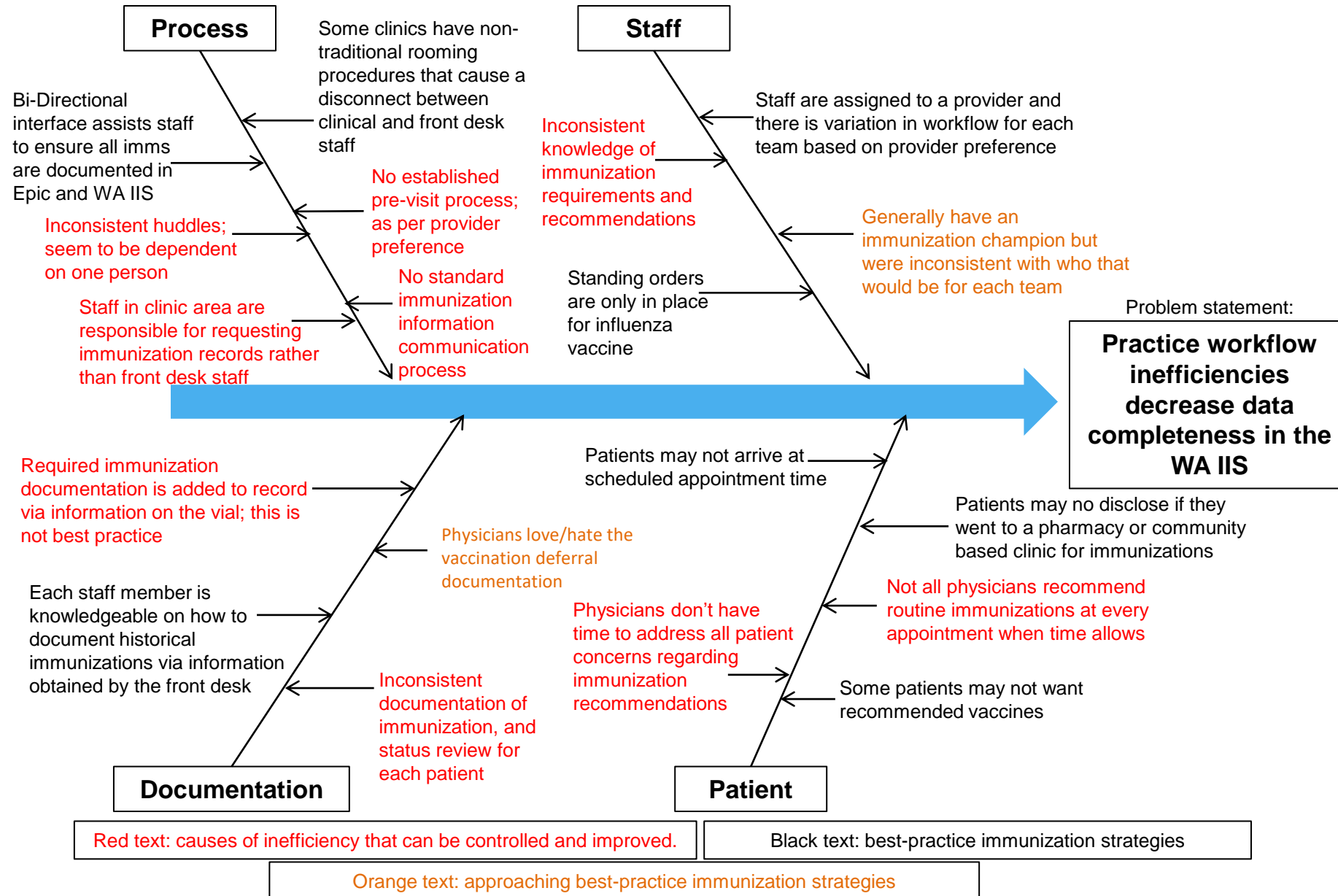


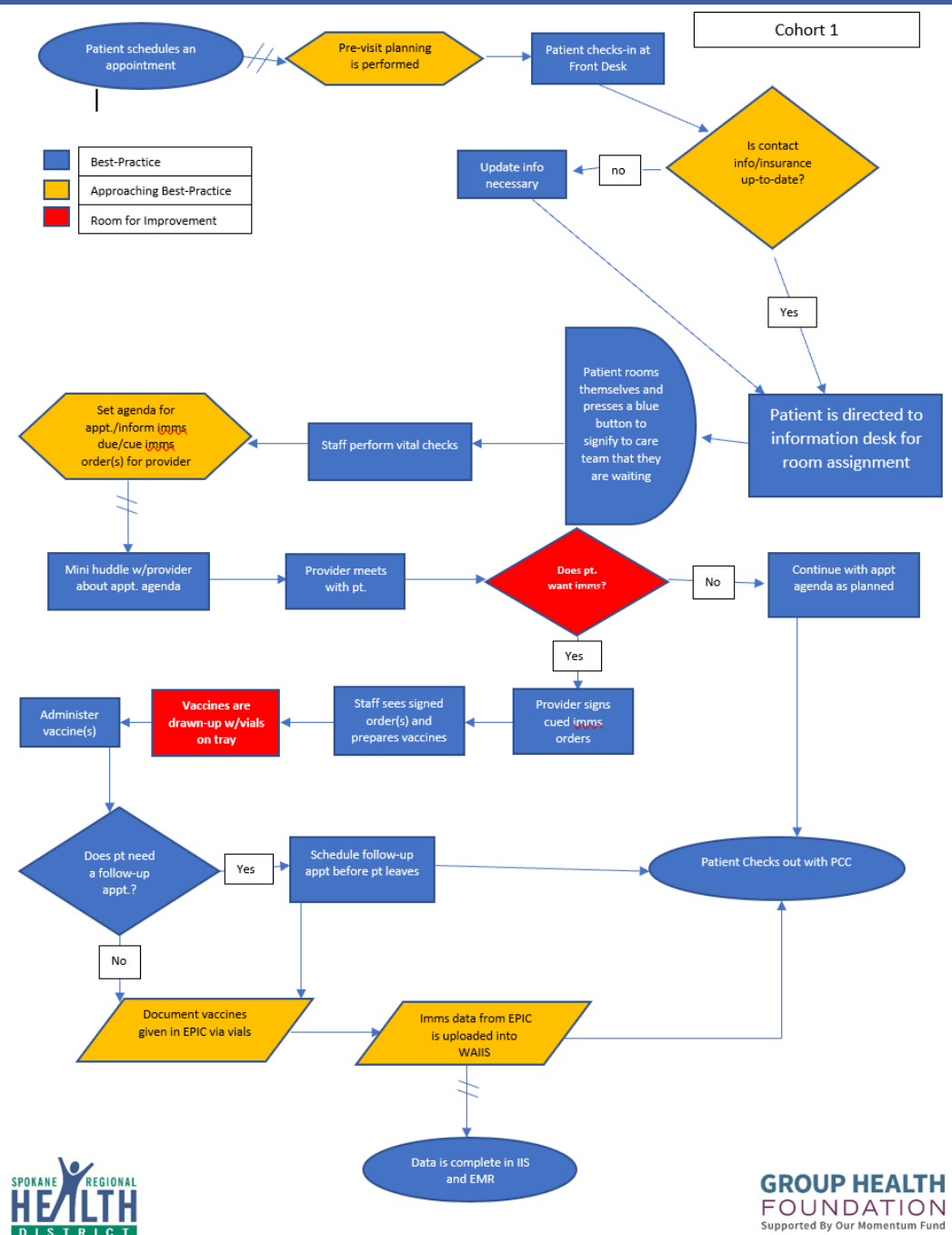
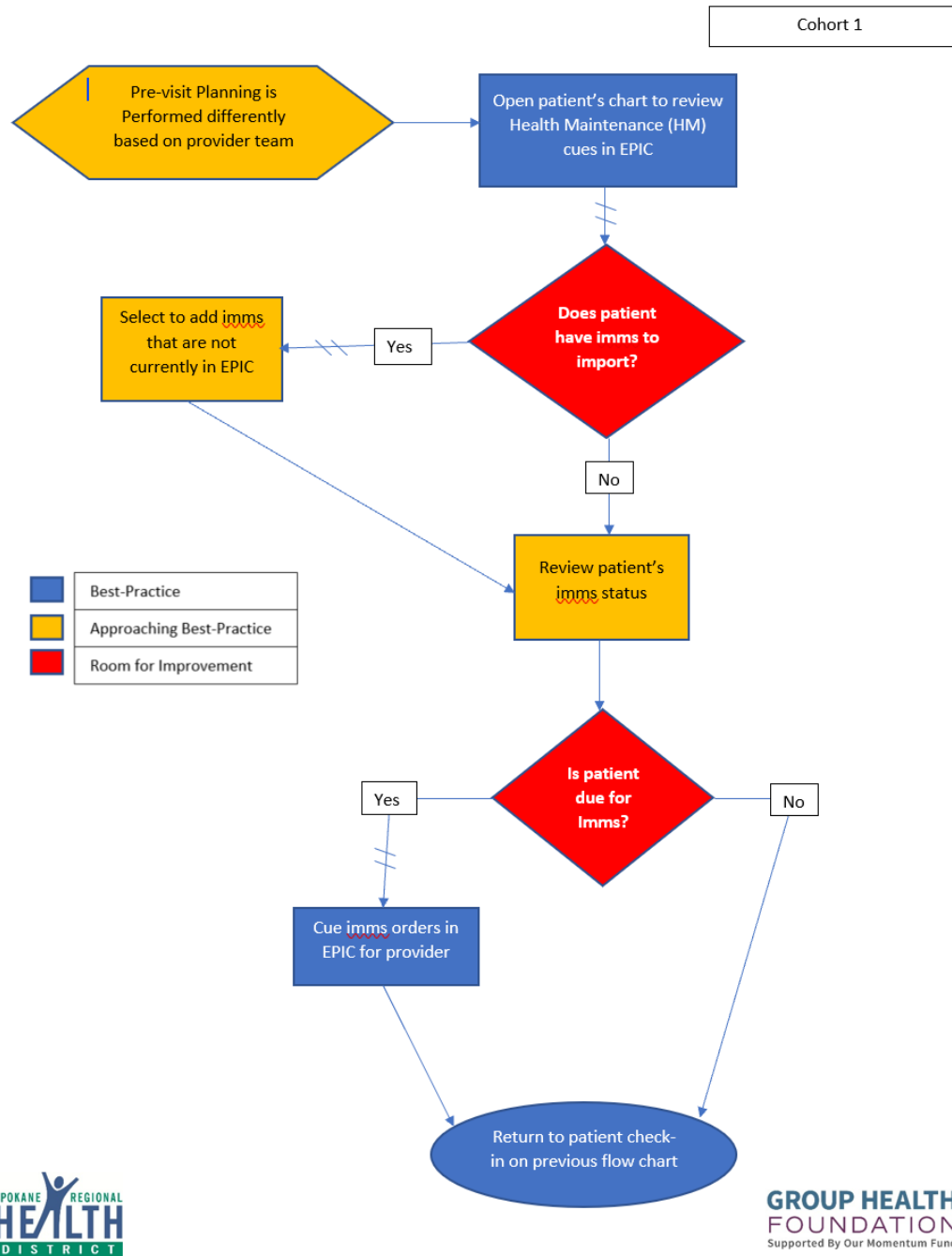
19–35-month series: Cohort 1



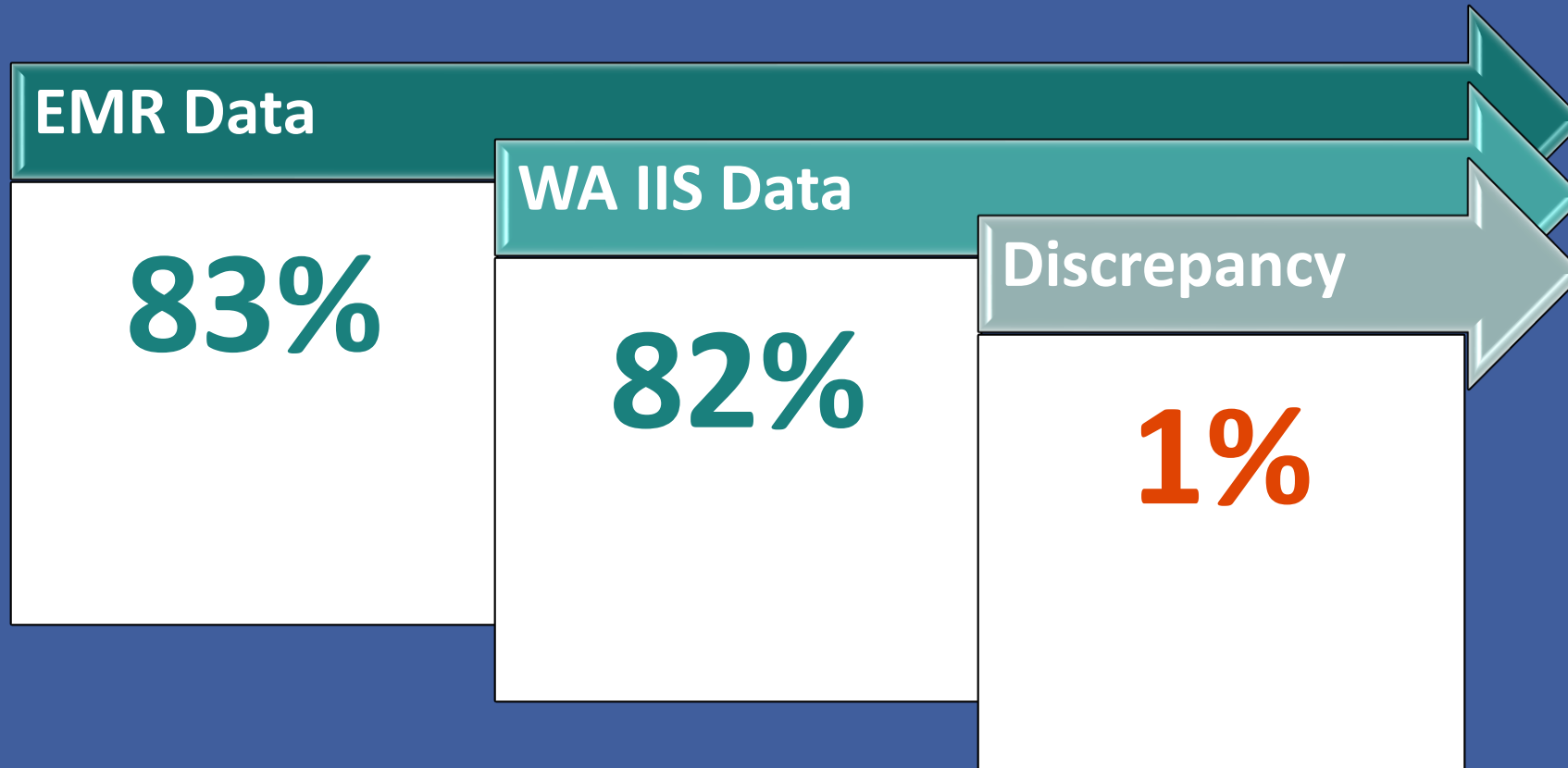
*19-35-month series is equal to 4:3:1:3:3:1:4 series consists of 4-Dtap, 3-Polio, 1-MMR, 3-Hib, 3-HepB, 1-Varicella, 4-PCV
Data retrieved on 3.8.2018

Cause and effect diagram for Cohort 1



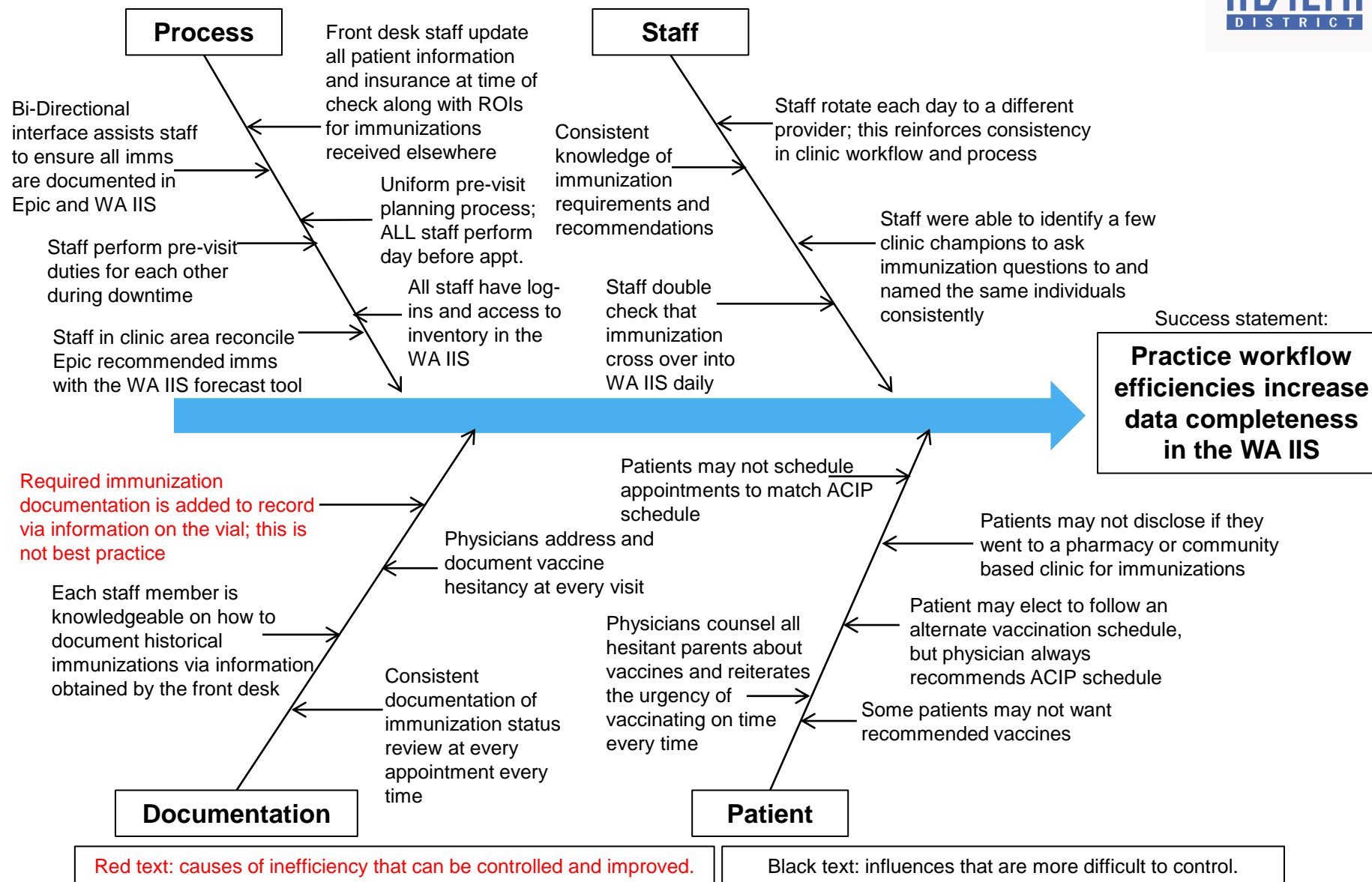


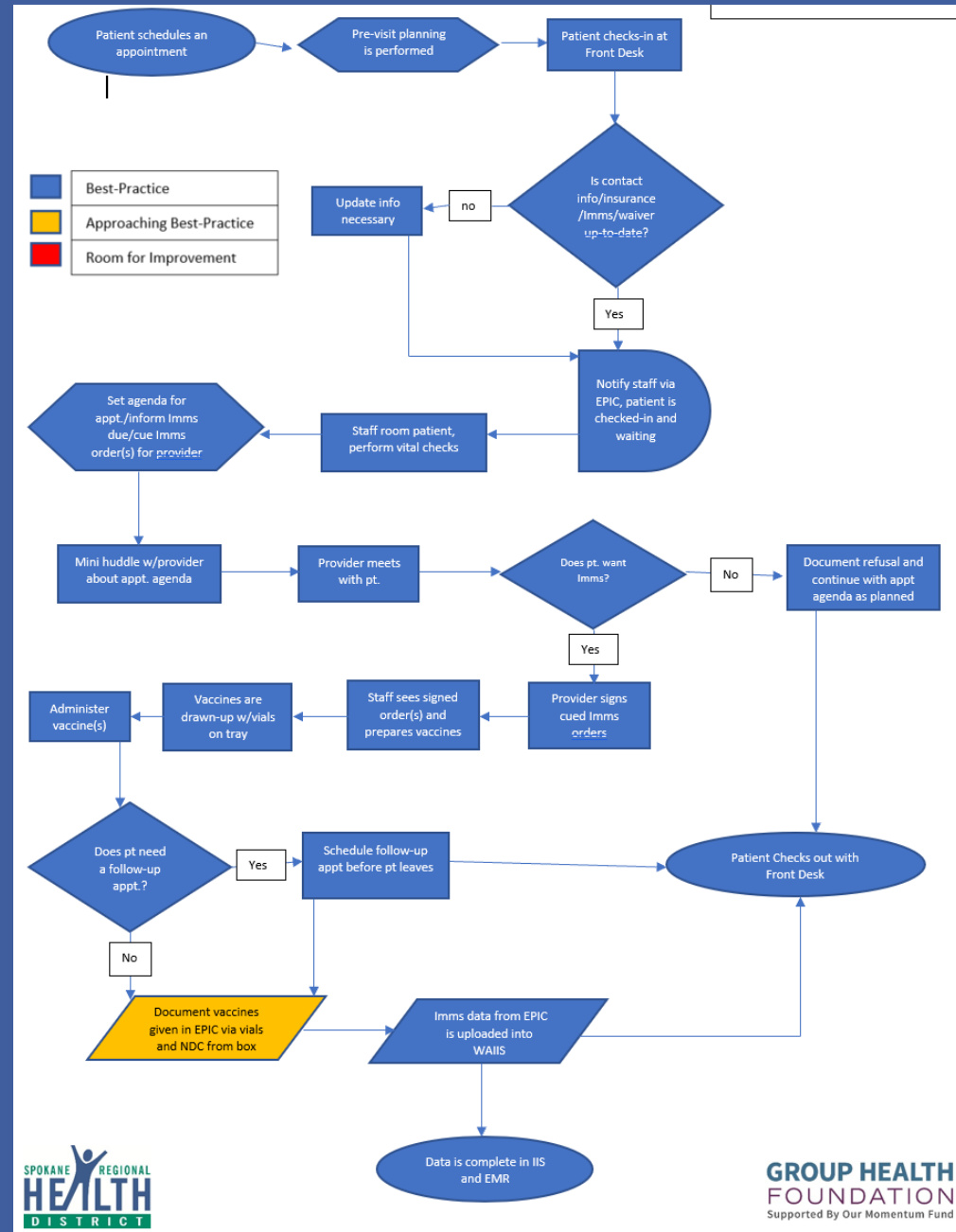
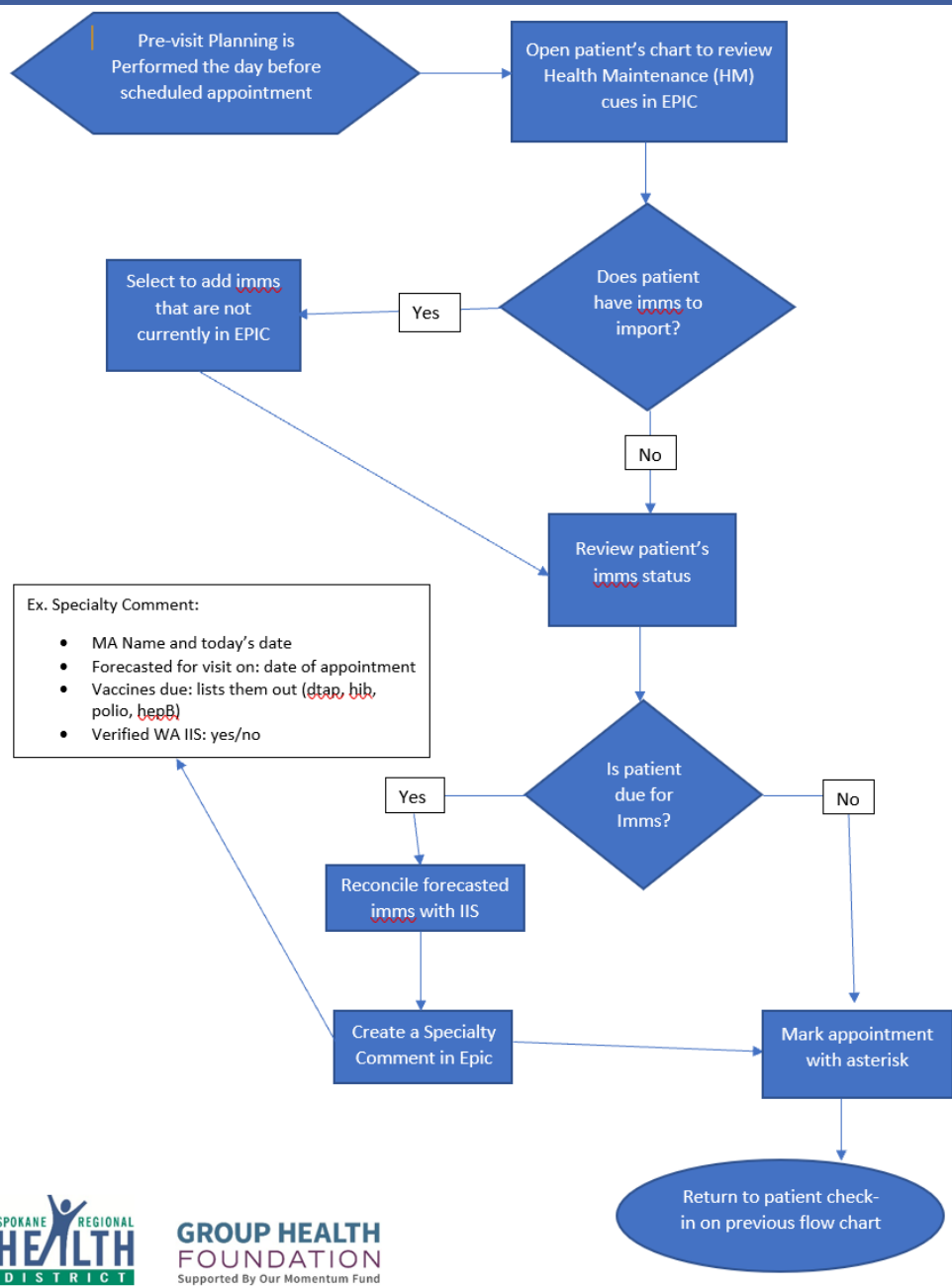
19–35-month series: Cohort 2



*19-35-month series is equal to 4:3:1:3:3:1:4 series consists of 4-Dtap, 3-Polio, 1-MMR, 3-Hib, 3-HepB, 1-Varicella, 4-PCV
Data retrieved on 3.8.2018

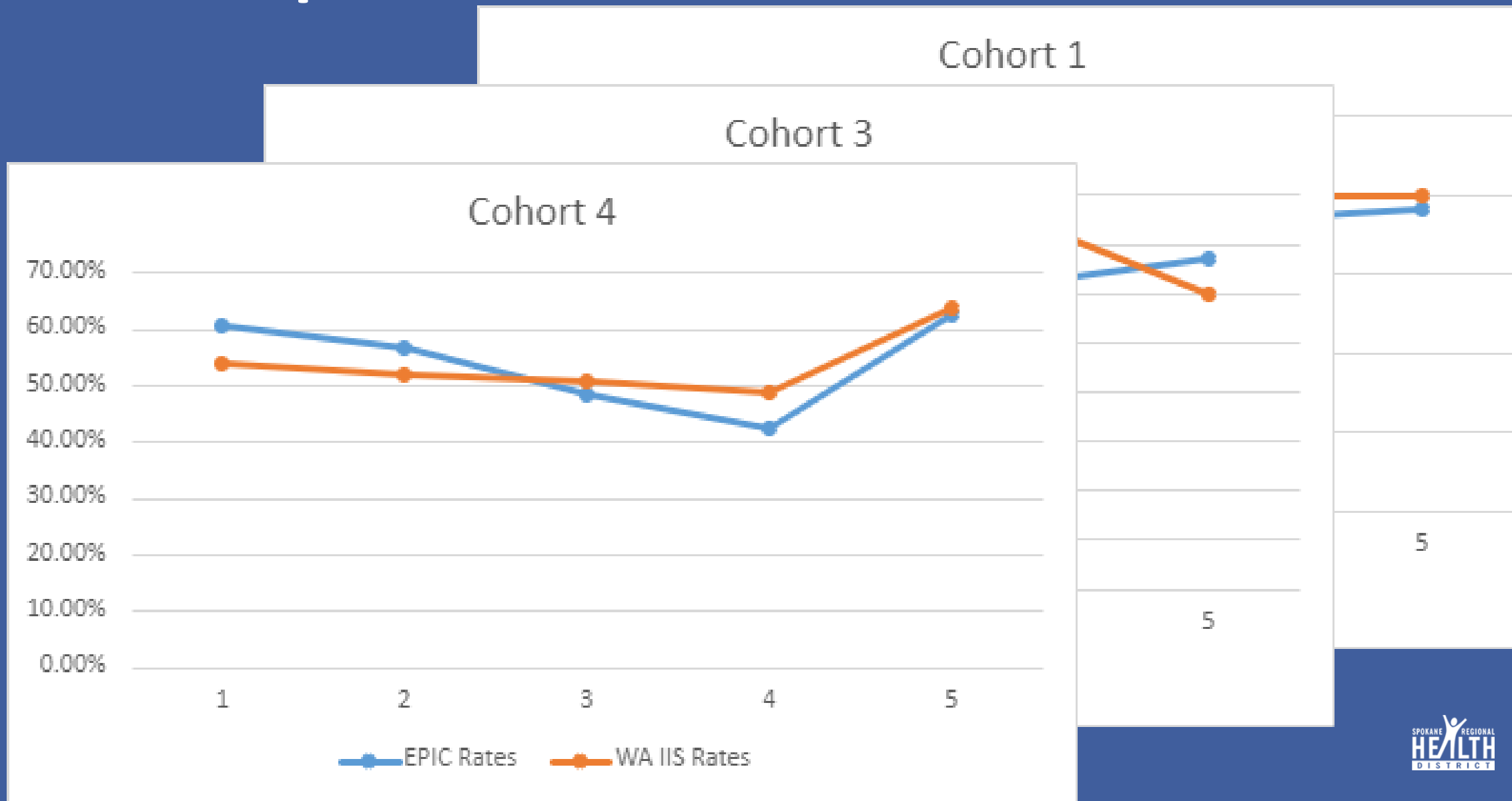
Cause and effect diagram for Cohort 2





5/12/2023

Results of Implementation



Project Highlights

41

- Clinics participated in project

100+

- Observations performed

50%

- Clinics increased coverage rates

60%

- Clinics reduced data discrepancies



**This project was
funded by**



Made possible by our participating medical partners:

- **Providence Medical Group**
- **MultiCare Health System**
- **Community Health Association of Spokane**
- **Columbia Medical Associates**
- **Kaiser Permanente**

Questions?

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