

# Safety First ...

## A Maternity Process Improvement

### 2015-2016



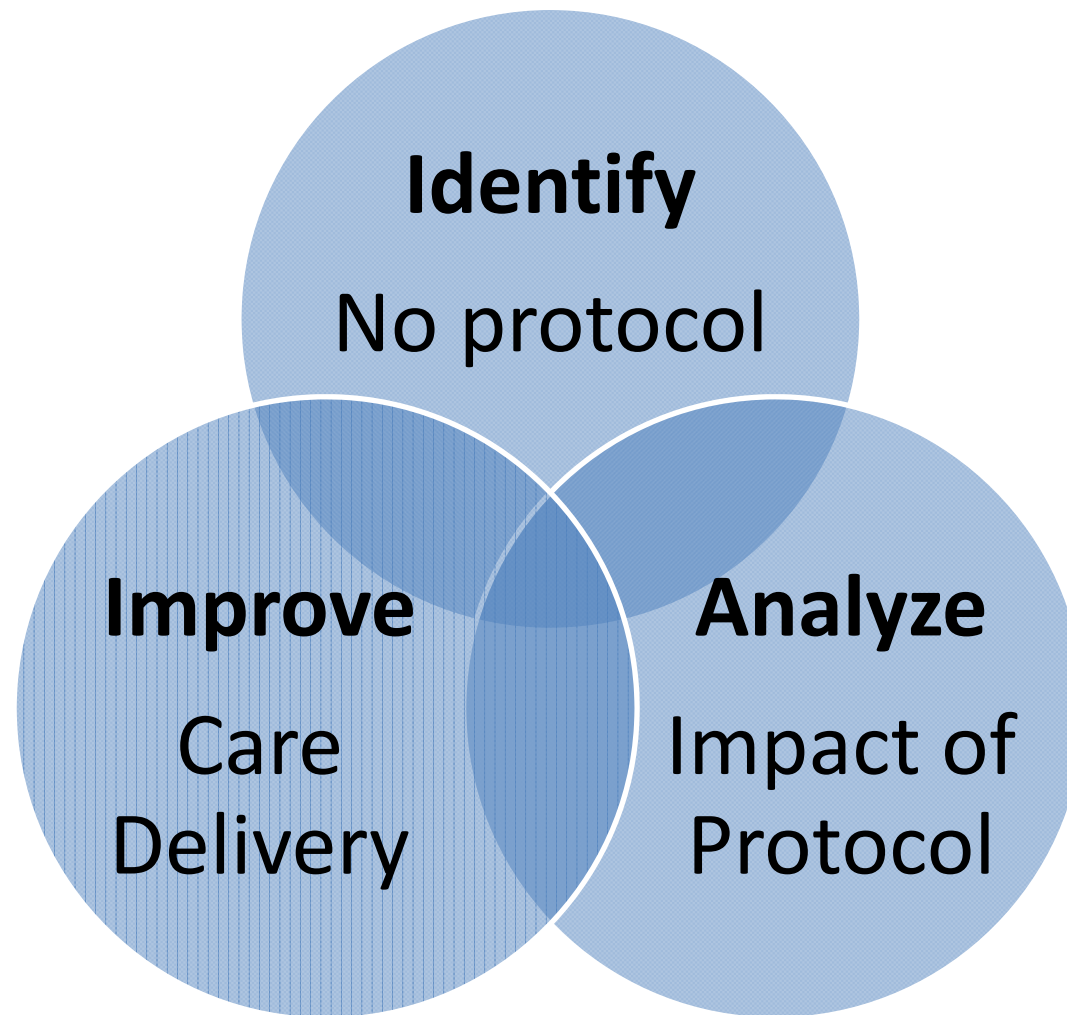
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*Supervisor/Educator Women & Children's Services*



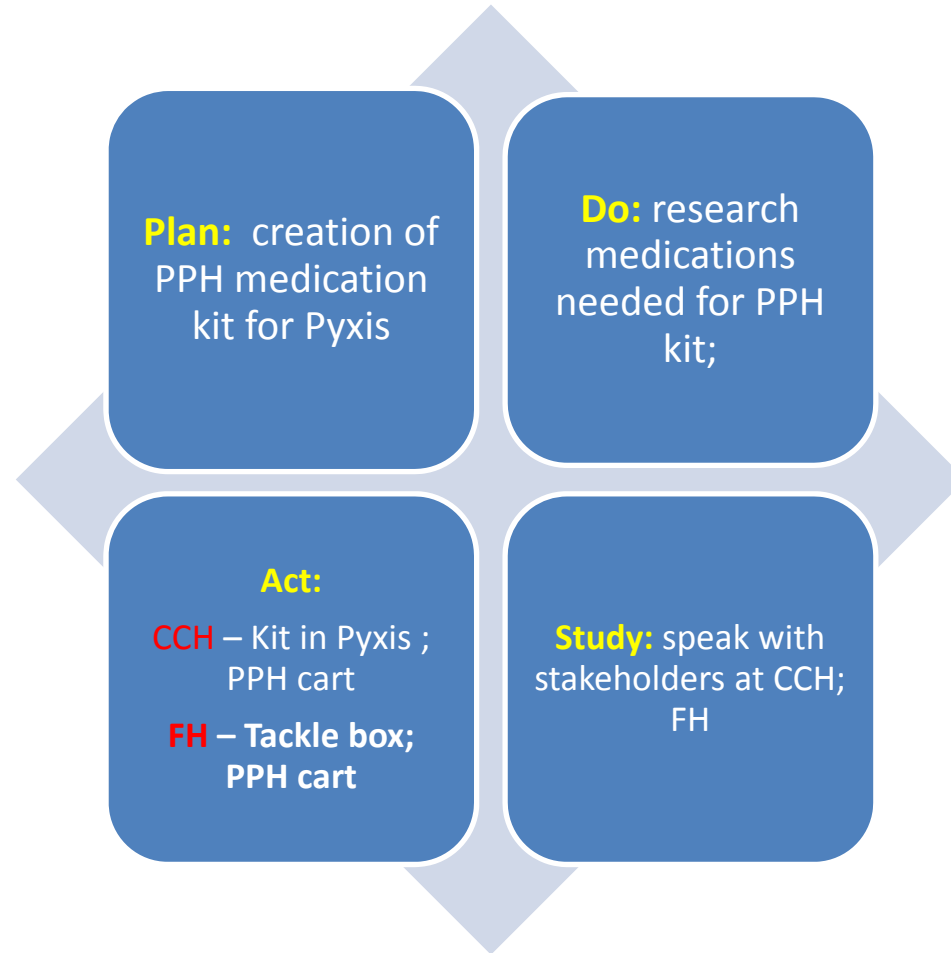
**CAPE COD HEALTHCARE**

# Process Improvement – Key Questions

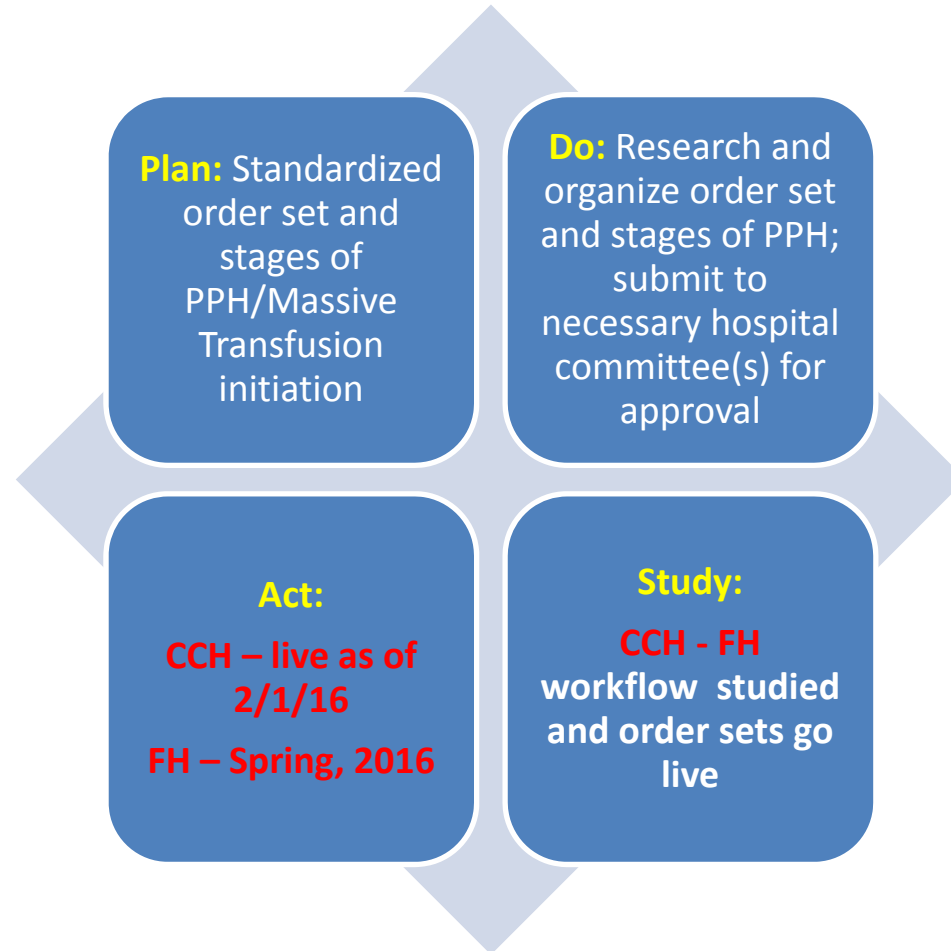


# Our Journey – PDSA

## Create a PPH Medication Kit – CCH/FH



# Our Journey – PDSA Electronic Order Sets – CCH/FH



# Electronic Order Set



**CAPE COD HOSPITAL**  
Member Cape Cod Healthcare

Patient ID Label

## Postpartum Hemorrhage/Transfusion Order Set – Downtime

Allergies:

*DO NOT USE: Zero after decimal point, U or IU, APAP, qd, qod, MS, MS04, od, os, ou, MgSO4, Roman Numerals.  
DO USE: Leading zero before a decimal point (example 0.25mg not .25)*

Diagnosis: \_\_\_\_\_ EDC: \_\_\_\_\_

**Stage One:** (Blood loss greater than 500 mls for a vaginal delivery and 1,000 mL for a c-section OR vital sign changes or O2 Saturation less than 95 percent)

- Fundal massage – until clinical improvement
- Vital signs including oxygen saturation (continuous)
- Maternal oxygen via mask at 8-10 L
- Empty bladder by straight catheter or Foley catheter with Urimeter
- Administer Oxytocin 30 units I.V. in 500 mL Normal Saline via rapid infusion
- Administer Methergine 0.2 mg I.M. one dose only

**Stage Two:** (Continuous bleeding under 1,500 mL)

To the above interventions add the following:

- Obtain secondary IV access with large bore cannula - #18 gauge or greater
- Obtain CBC, PT/PTT/INR, fibrinogen
- Type and Cross match 4 Units PRBC, consider using blood warmer for transfusion
- Administer Hemabate 250 mcg I.M. every 15 minutes for two doses as needed
- Administer Misoprostol 1000 mcg per rectum times one dose
- Notify Anesthesiologist on-call, OB Surgeon and Blood Bank

**Stage Three:** (Estimated blood loss greater than 1,500 mL OR greater than 2 units OR PRBC given OR unstable vital signs OR suspicion for DIC) Initiate Massive Transfusion Protocol

To the above interventions add the following:

- Repeat CBC, PT/PTT/INR, fibrinogen Order
- Massive Transfusion Pack from Blood Bank:
  - Administer 6 Units PRBCs per protocol
  - Administer 6 Units Fresh Frozen Plasma
  - Administer 1 Unit Adult Platelets (1 Unit of adult platelets = 6 Units of platelets)
- Move Patient to Operating Room

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Signature: \_\_\_\_\_ MD/DO/NP/PA/CNM



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Expert physicians. Quality hospitals. Superior care.

# The Journey continues...

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  - Michele Kaiser, RN, MSN - CCH
  - Jean MacBarron, CNM - CCH
  - Suzan Scharr, RN, BSN - FH



# References

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