

Baptist Health South Florida

## Scholarly Commons @ Baptist Health South Florida

---

2022 SMH Best Practice Fair

SMH Best Practice Fair

---

12-9-2022

### Hepatitis B Vaccine Administration Prior to Discharge

Beth Ann Fraser

*South Miami Hospital*, bethannf@baptisthealth.net

Wanda Battle

*South Miami Hospital*, wandaba@baptisthealth.net

Idalmys Castillo

*South Miami Hospital*, IdalmysC@baptisthealth.net

Alecia Ballard

*South Miami Hospital*, AleciaB@baptisthealth.net

Dorett Lotha

*South Miami Hospital*, doretatl@baptisthealth.net

*See next page for additional authors*

Follow this and additional works at: <https://scholarlycommons.baptisthealth.net/se-2022-smh-bpf>

---

#### Recommended Citation

Fraser, Beth Ann; Battle, Wanda; Castillo, Idalmys; Ballard, Alecia; Lotha, Dorett; Kinney, Sophia; Tavarez, Zoraya; Barroso, Lisa; Brooks, Jennifer; and Soto, Erin, "Hepatitis B Vaccine Administration Prior to Discharge" (2022). *2022 SMH Best Practice Fair*. 14.

<https://scholarlycommons.baptisthealth.net/se-2022-smh-bpf/14>

This Conference Poster - IP Restricted is brought to you for free and open access by the SMH Best Practice Fair at Scholarly Commons @ Baptist Health South Florida. It has been accepted for inclusion in 2022 SMH Best Practice Fair by an authorized administrator of Scholarly Commons @ Baptist Health South Florida. For more information, please contact [Carrief@baptisthealth.net](mailto:Carrief@baptisthealth.net).

---

**Authors**

Beth Ann Fraser, Wanda Battle, Idalmys Castillo, Alecia Ballard, Dorett Lotha, Sophia Kinney, Zoraya Tarez, Lisa Barroso, Jennifer Brooks, and Erin Soto

# Hepatitis B Vaccine Administration Prior to Discharge

PI/EBP

Erin Soto, APRN | Beth-Ann Fraser, RN | Wanda Battle, RN | Idalmys Castillo, RN | Alecia Ballard, RN | Dorett Lotha, RN | Sophia Kinney, RN | Zoraya Tavaréz, RN, Lisa Barroso, RN, Jennifer Brooks, RN



## BACKGROUND/PROBLEM

- The Florida Department of Health (FDOH) audits administration rate of Hepatitis B Vaccine (HBV) in newborns prior to discharge from the hospital
- South Miami Hospital (SMH) rate for Hepatitis B vaccine was at 60% in Jan 2021; Healthy People 2020/2030 benchmark is 85%
- Many of our pro-vaccine patients parents are choosing to defer the HBV administration, likely due to knowledge deficit.



## GOAL(S)

- Short-term goal:** Increase administration of Hepatitis B vaccine to newborns prior to discharge at 70% prior to discharge
- Long-term goal:** Achieve the FDOH benchmark of 85%

## PLAN

- Assess nurses' level of knowledge regarding: pre-discharge Hepatitis B vaccine to newborns
- Educate all the mother and baby unit staff members on recommendations from Advisory Committee on Immunization Practices (ACIP) / Center for Disease Control (CDC) and the FDOH
- Collaborate with Pediatrician team to help educate patients
- Conduct a literature review for benchmarks to establish goals
- Communicate benchmark data and vaccine administration goal to staff

### References:

- The Florida Department of Health has started an audit on the rates of Hepatitis B Vaccine
- ACIP recommendations for Hep B vaccine
- CDC recommendations for Hep B vaccine
- Healthy People 2020 or 2030
- AAP COMMITTEE ON INFECTIOUS DISEASES and AAP COMMITTEE ON FETUS AND NEWBORN. Elimination of Perinatal Hepatitis B: Providing the First Vaccine Dose Within 24 Hours of Birth. Pediatrics. 2017;140(3):e20171870



## INTERVENTIONS

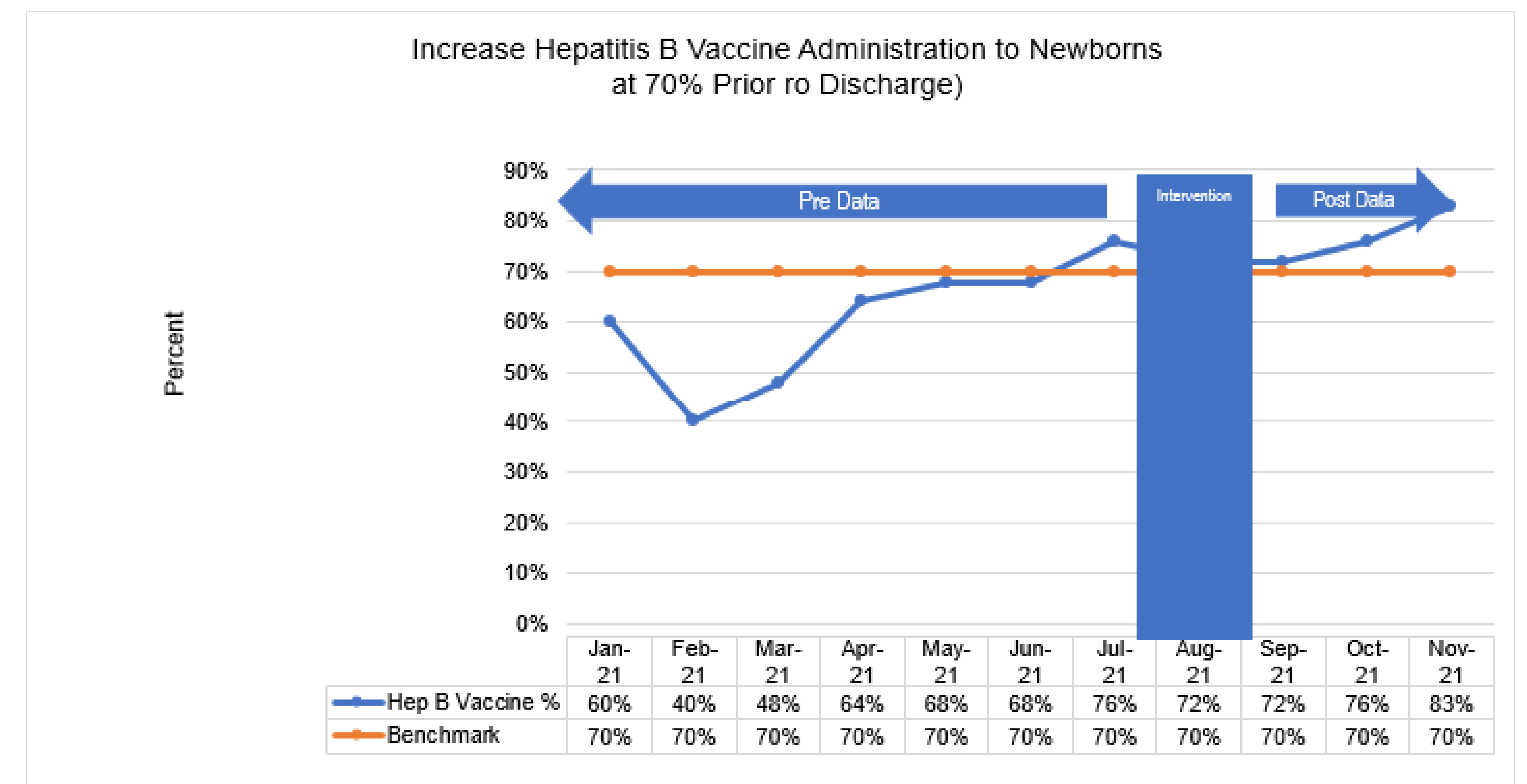
### Pre-Intervention:

- February 2021:** Conducted a literature review on Hepatitis B vaccine administration benchmarks and established goals
  - Journal article research performed by Sai Paulvkin, RN and Lisa Barroso, RN on "Hepatitis B Vaccine Administration"
- May 2021:** Pre-survey given to staff to assess knowledge on Hepatitis B vaccine administration

### Intervention:

- August 2021:** Provided education by in-service to Mother-Baby Staff and Pediatrician Team on increasing Hepatitis B vaccine administration before discharge:
  - Reinforced ACIP / CDC recommendations
  - Responding to parents: "We recommend giving the Hepatitis B vaccine prior to discharge"
  - Staying away from saying: "It's up to you if you want to give it in the hospital or with your pediatrician's office."

## OUTCOME



South Miami Hospital

BAPTIST HEALTH SOUTH FLORIDA