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Jill Swanson CentraCare Health, swansonji@centracare.com

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Improving Hepatitis B Vaccination Rates in Nephrology Patients with Chronic Kidney Disease: A QI Initiative

Jill C. Swanson, RN, BSN, CMSRN, CNN, DNP Student

CentraCare, St. Cloud, Minnesota The College of St. Scholastica, Duluth, Minnesota

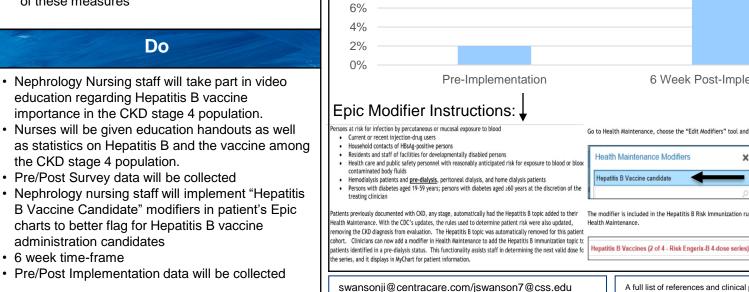
Study



Plan

- Hepatitis B vaccination is an important health maintenance preventative measure for patients with chronic kidney disease (CKD).
- Prior to initiating dialysis, hepatitis B vaccination administration is proven to be more effective than waiting until patients begin dialysis treatments.
- Efficacy and immune response of the hepatitis B vaccine is greater when kidney function is greater.
- To better improve hepatitis B vaccine administration among the CKD stage 4 population, education measures and Epic modifiers will be implemented to achieve change.
- Nursing knowledge and Hepatitis B vaccine administration will improve after implementation of these measures

6 week time-frame

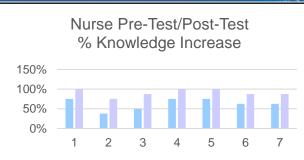


Nurse Survey Response

30% Did not

Respond to Survey

70% Responded to Survey



Pre-Test Post-Test

Overall Increase in Hepatits B Vaccine Administration Rates





The modifier is included in the Hepatitis B Risk Immunization rule, so the series will display as a "risk" series in

A full list of references and clinical project paper available upon request

Act

- · Nursing staff knowledge increased as a result of the education video and handout.
- Although marginal, the implementation of the Epic Modifier showed increased rates of Hepatitis B vaccine administration in the CKD stage 4 population.
- Any tools to improve outcomes even marginally are acceptable interventions to provide the best care and outcomes for our patients.
- This Epic modifier tool will continue to be used in the nephrology clinic to help flag patients who would benefit from the Hepatitis B vaccination while they still have some residual kidney function.

References

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