TO: BayCare Laboratories **FROM:** Maura Pieretti, PhD

RE: CMV PCR HOLD for Newborn Hearing Screening

Date: 12/22/2022

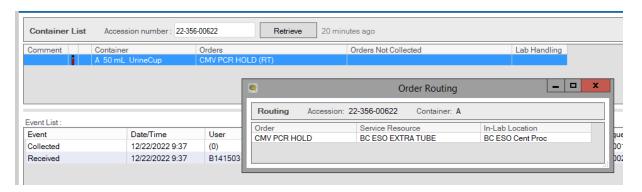


To comply with a new Florida State Law, and to improve detection of congenital CMV, the following changes are implemented.

Effective January 3rd, 2023, all newborns who fail the 1st Hearing Screening Test will have a Urine sample collected and a CMV PCR HOLD test ordered.

Sample: 1 ml Urine, sterile container – storage/ transport = refrigerated

This order routes to BC ESO Cent Proc /BC ESO EXTRA TUBE; once it is received in Lab at ESO the test is Completed. Estimated number of samples \sim 5/6 per day.



If the Newborn fails the 2^{nd} Hearing Screening Test, the provider orders a CMV PCR Qual (existing order) [estimated number of orders ~ 1 / day].

A label prints on the BC ESO receiving. The TM retrieves the urine sample from the HOLD rack, places the label on the container and places this in the CMV Viral Load rack.

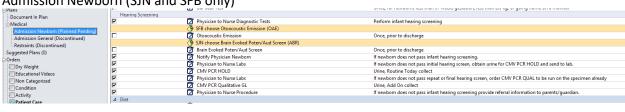
Molecular Lab TMs run the CMV PCR test 2/3 times per week. Abnormal results are called by the Patient Communication Center to the primary physician. Test results (CMV PCR on urine <1 week old) are transmitted electronically to the State of Florida.

The CMV PCR HOLD and the CMV PCR Qual (Urine) orders have been added to various Power plans - see page 2.

Clinical education will be sent to nursing and newborn providers the week of December 26th, 2022.

CMV orders for failed hearing screen

Admission Newborn (SJN and SFB only)



Newborn Care (MCS SJS MPH SJW WHH WHW)

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ledical		Consult to Physician	Routine, Circumcision
Newborn Care (Planned Pending)	Hearin	g Screening	
STANDING ORDERS Admission Newborn (Plann		SJW/SJN/SJS/MP/MC/WHW choose Brain Evoked Pot	ten/Aud Screen (ABR)
Admission NICU (Planned Pending) Bridge Orders ED (Planned) Bridge Orders ED (Planned) Left TKA-KILGORE Discharge Adult (Discontinued) Discharge Adult (Discontinued) Discharge Adult (Discontinued)	₽	Brain Evoked Poten/Aud Screen	Once, prior to discharge
	V	Notify Physician Diagnostics	If newborn does not pass infant hearing screening
	V	Physician to Nurse Labs	If newborn does not pass initial hearing screen, obtain urine for CMV PCR HOLD and send to lab.
	V	CMV PCR HOLD	Urine, Routine Today collect
	₽	Physician to Nurse Labs	If newborn does not pass repeat or final hearing screen, order Urine for CMV by PCR to be run on the specimen already in lab.
	₽	CMV PCR Qualitative GL	Urine, Add On collect
	₽	Physician to Nurse Newborn	If newborn did not pass screening, provide referral information to parent or quardian.
General Surg Multiphase	Car Se	at Test	
General Surg Multiphase	፟	Physician to Nurse Activity	Order Car Seat Test prior to discharge for newborns less than 37 weeks gestation, less than 2.5 kilograms, OR going home on a mo

Admission NICU (all facilities)

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ledical	Hearing Screening						
STANDING ORDERS Admission Newborn (Plann Admission NiGL (Planned Pending) Bridge Orders ED (Planned) Bridge Orders ED (Planned) Left TKA-KIL GORE Discharge Adult (Discontinued)	☑	Brain Evoked Poten/Aud Screen	Once, prior to discharge				
	V	Physician to Nurse Labs	If newborn does not pass initial hearing screen, obtain urine for CMV PCR HOLD and send to lab.				
	₽	MV PCR HOLD	Urine, Routine Today collect				
		Physician to Nurse Labs	If newborn does not pass repeat or final hearing screen, order CMV PCR QUAL to be run on the specimen already				
	V	MV PCR Qualitative GL	Urine, Add On collect				
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STANDING ORDERS Admission Newborn (WHH WHW SJS MPH MCS SJW SJH)

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Discharge Adult (Discontinued) F Physician to Nurse Labs If newborn does not pass initial hearing screen, obtain urine for CMV PCR HOLD and send to lab. F CMV PCR HOLD Urine, Routine Toolky collect		₽	Notify Physician Newborn	If newborn does not pass infant hearing screening			
Discharge Adult (Discontinued) CM P CR HOLD Urine, Routine Today collect CM P CR QUAL to be run on the specimen already CM P C		V	Physician to Nurse Labs	If newborn does not pass initial hearing screen, obtain urine for CMV PCR HOLD and send to lab.			
Discharge Adult (Discontinued) M		V	CMV PCR HOLD	Urine, Routine Today collect			
General Surg Multiphase P		V	Physician to Nurse Labs	If newborn does not pass repeat or final hearing screen, order CMV PCR QUAL to be run on the specimen already			
General Surg Multiphase Physician to Nurse Procedure If newborn does not pass infant hearing screening provide referral information to parents/guardian.		V	MV PCR Qualitative GL	Urine, Add On collect			
		₽	Physician to Nurse Procedure	If newborn does not pass infant hearing screening provide referral information to parents/guardian.			
	General Surg Multiphase	Car Seat Test					