QUICK COVID-19 GUIDE

NEDSS Base System (NBS)

User Guide for eICR

TN Department of
Health

Division of Communicable and Environmental Diseases and Emergency Preparedness

https://hssi.tn.gov/auth/login

Version 1

September 6, 2022

Introduction:

The purpose of this guide is to provide TDH staff members who currently use NBS with instructions on how to manage COVID-19 electronic initial case reports (eICR).

eICR are sent from a patient's electronic health record (EHR), we only receive COVID-19 eICR if there is a positive lab result in the EHR.

Please direct questions you may have to covid19.dq@tn.gov Questions about eICR in general email CEDS.Informatics@tn.gov.

Who is sending eICR?

> Vanderbilt Medical Health System
> Baptist Memorial Health Care
> Out of state facilities who treat a TN resident

Why would we receive a COVID-19 eICR?

> A positive COVID-19 lab result (PCR or antigen) is recorded in an EHR

How are COVID-19 eICR managed in NBS?

> Incoming COVID-19 eICR are automatically associated with existing investigations. If there is no investigation in the patient's profile than the eICR goes to the Documents Requiring Review (DRR).
> Recall that once in the DRR, the automatic rules cannot be run. So all eICR will need to be managed manually.

Reviewing COVID-19 eICR:

1.) Select **Case Report** to open the eICR

Document Type	Date Received	Reporting Facility/Provider	
Case Report	08/05/2022 6:30 PM	Sending Facility: TIPTON SERVICE AREA	

2.) Opening the **eICR Document** has the most readable view.

View File | Return to Documents Requiring Review

View eICR Document | Print
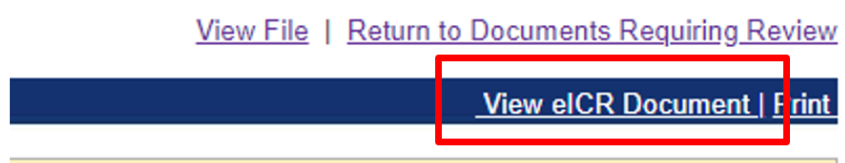
3.) Navigate to the **Results** tab

RESULTS

(ABNORMAL) COVID-19 RNA Rapid (09/06/2022 12:34 PM CDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
SARS-CoV-2	Positive (A)	Negative		09/06/2022 1:49 PM CDT	BMH-MEMPHIS MICROBIOLOGY LABORATORY	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Nasopharyngeal	NASOPHARYNGEAL SWAB / Unknown		09/06/2022 12:34 PM CDT	09/06/2022 1:21 PM CDT

Results can be displayed in different ways, depending on the reporting facility and what test type was used.

RESULTS

(ABNORMAL) POC SARS-CoV-2 and Influenza A and B (RT-PCR) - VUH ED, WIC, Walgreens Clinics Only (09/06/2022 2:27 PM CDT)

SARS-CoV-2 result	Detected (A)	Not Detected	Influenza A result	Not Detected	Not Detected	Influenza B result	Not Detected	Not Detected

4.) Navigate to **Encounter Details** to see what facility the patient was seen at

ENCOUNTER DETAILS

Date	Type	Department	Care Team	Description
9/2/22	Office Visit	Vanderbilt Health and Williamson Medical Center Walk-In Clinic Nolensville 940 Oldham Dr Nolensville, TN 37135 615-791-7373	**Shackelford, Claude Edward, MD** 3098 CAMPBELL STATION PARKWAY SUITE 100 SPRING HILL, TN 37174 615-302-1111 (Work) 615-302-0081 (Fax)	COVID-19 virus infection (Primary Dx); Class 2 severe obesity with serious comorbidity and body mass index (BMI) of 39.0 to 39.9 in adult, unspecified obesity type (CMS/HCC); Elevated blood pressure reading without diagnosis of hypertension; Cough;

Managing COVID-19 eICR in the Documents Requiring Review queue (DRR):

5.) **Associate** eICR if the lab has been received and a new investigation has been created

6.) **Create an Investigation** if there is no investigation in the patient's profile associated with the new result
   a. Follow the guidelines from COVID-NBS-Lab-Guidance.pdf (tn.gov) for creating an investigation and assigning case status.
   b. In the **Comments** box enter "created from eICR". This will ensure that the investigation doesn't get flagged on data quality reports for not having an associated lab result.

* Information As of Date: 09/06/2022

Comments: created from eICR