ESO EMS &
Memorial Healthcare System
Health Data Exchange Program

Process and Procedures Document

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SOLUTIONS

Hospital Data Exchange Program Overview

ESO Solutions, Inc. has partnered with Memorial Healthcare System to provide a Hospital Data Exchange (HDE) solution that resolves two significant gaps in the information exchange process between EMS agencies and emergency departments:

- HDE automates the secure transfer of electronic EMS data to hospitals, providing both discreet data for patient matching and digital images of traditional runsheet information.
- HDE automates the return of electronic patient demographic, billing and outcome information back to EMS providers.

The patient outcome dataset includes the following types of information:

- Emergency department diagnoses, discharge and treatment information
- Hospital Admissions data including labs, vitals, and outcome at hospital discharge

This solution will improve patient care by enhancing collaboration between EMS agencies and Memorial hospitals and extending the continuum of care to patients receiving emergency care prior to arrival at a Memorial hospitals. This project requires that the patient account number (CSN Number) that Memorial hospitals assign upon admission, be added to the ePCR record prior to lock of that record. To speed this process and minimize the chance of data entry errors, Memorial hospitals have provided USB barcode scanners for EMS to use in the ER. This document describes the process for scanning the patient account number into each ePCR record.

Process for scanning the Hospital Account Number / Patient Account Number

Step 1: Once transfer of care is complete, locate the USB barcode scanner that is mounted behind the charge nurse desk in Memorial ER.

Location of Scanners in MHS EDs	
Hospital ED Name	Scanner Location
Memorial Healthcare System	Hanging up behind the charge nurse desk.

Step 2: Attach the EMS Scanner to an open USB port on the left side of the laptop. *The first time the USB scanner is attached it may take up to 10 seconds for the drivers to install. This will only happen the first time the scanner is plugged in to your laptop.*

In the ESO ePCR, locate the Chart Number # field (indicated by the red oval) in the picture below) and place your cursor in that field.

Double check that the patient account number has been entered into the field – it will appear as an 11 digit number. Example - E1302992795

You have completed the process; continue documenting the transport as normal. Thank you for participating in this process.