Overview of Script in ECS

Welcome to American Data CARES, the online resource for all your ECS needs. This handout may be read independently or in conjunction with the corresponding video *Overview of Script in ECS* in our American Data CARES library. This handout covers *the functionality and key features of this interface as it appears in ECS*. If after reviewing this material, you need further assistance, please contact clinical@american-data.com or 800-464-9942.

What is the Script Interface?

The Script interface is the standard CMS adopted for the electronic exchange of prescription-related information. Using this interface replaces the need for faxing because the electronic prescription is accepted as the legal order.

With the Script interface census information is sent to pharmacy via specific messages. There is a specific census message type for admissions, another for discharges, and yet another for changes in census data. The census information always flows from facility to pharmacy (one way).

Script Message	ECS Information
Census - Admit	Admit date, resident demographic data, primary care provider, allergies, diagnoses
Census – Update	Date of update plus all current censes data
Census - Discharge	Discharge date plus all current census data

In addition to census information, there are specific message types for medication information. The facility initiates all medication orders by sending a 'NewRx' message type to pharmacy. Pharmacy receives this message and dispenses from it. When the medication is dispensed, pharmacy sends the fill information to the facility via the 'RxFill' message type. When it is time to reorder the medication, nursing staff seamlessly initiate a 'ReSupply' message that is sent to pharmacy. The final message type is the 'CancelRx' message that is seamlessly sent from ECS when an order is discontinued in ECS.

Script Message	ECS Information
NewRx	Medication order saved as a new entry
RxFill	None – message from pharmacy system
Resupply	Medication order from the Notify button on the eMAR
CancelRx	Discontinued medication order
CancelRxResponse	None – message from pharmacy system

Benefits of the Script Interface

CMS adopted electronic prescribing to increase patient safety. This is the single most important benefit of electronic prescribing. How can electronic prescribing increase patient safety? It is quite simple, with electronic prescribing the medication order is either being directly entered by the prescriber or transcribed only one time. No longer is the same order being transcribed from phone to paper at the facility, from paper to electronic medical record at the facility, then from fax to electronic dispensing system at the pharmacy. It has been shown the more times an order is transcribed, the more likely there is error.

Another benefit of the Script interface is the opportunity for streamlining workflow. Information no longer needs to be faxed to pharmacy; staff can seamlessly send these messages from ECS while they are in their typical workflow.

Key Features of the Script Interface in ECS

American Data strives to create functionality that enhances the user's experience and facilitates efficiency with charting. We believe the users would rather be spending time with the residents than charting on the computer. With this idea in mind, the Script interface is completely automated. There is no need to queue messages to be sent then have a person manually send these messages to pharmacy. Our charting is real-time; we believe our messaging with pharmacy should be as well.

American Data also programmed safety features to protect the patient and assist staff with managing the interface. Robust message matching logic as well as resident matching logic is in place. Users can be assured that only appropriate messages will be automatically matched in ECS.

American Data believes screens should be intuitive and the interface functionality should be embedded within the nursing workflow. Creating special offshoots for things like interfacing is unacceptable to American Data. Be assured your nursing staff monitors the interface from a location they are very familiar with -- the electronic MAR.

The final key feature we would like to point out is the ability to send and receive notes from pharmacy. When a new order is sent nursing staff can also send a note to pharmacy. This note is not a part of the order but rather communication to the pharmacy. Likewise, pharmacy can send notes back to the facility. For example, if they chose not to fill a medication, they can state their reason why. Nursing staff see this information on their MAR reducing the need to call pharmacy.

Training Staff

American Data clinical support staff work with your facility to determine the most appropriate training plan for your facility. Options include on-site training, remote training, and video training. Often a combination of these modalities are utilized to meet your needs in the most cost-effective manner possible.

Thank you for taking the time to learn more about the Script Interface. Please check out our other videos and documentation for more great information about ECS!