Integrating CHPS / CTRC with Epic

5/7/18

Children's Hospital of Philadelphia

REASONS FOR CHANGE

- Epic Research initiative is working to make relevant study information available to clinicians who may see patient (*e.g*. ED/Primary Care). Study enrollment was the first step.

- Study interventions (*e.g*. drug administration) need to be in Epic to allow for interaction checks and other safety support for regular care.

- The medical/nursing parts of studies are subjected to the same measures as regular care by CMS, Joint Commission, etc.

- CHOP needs to update research billing, and we want to reduce duplication between medical record and research procedure record.

OVERVIEW OF CHANGES:

- Study orders will move from paper into Epic
- Medication documentation will move from paper into Epic
- Test results and notes will follow the "clinically relevant" guideline

- CHPS clinic will be converted on a technical level to an Epic HOD (Hospital Outpatient Department) with a similar workflow as Day Med, Dialysis, or Sleep Lab
- All CHPS Cores will be implementing Epic tools to support their workflows by June 30th

WORKFLOW IMPROVEMENTS:

- Ensure that research care is integrated within the EHR and thereby maximizing patient safety

- Documentation of care during a research visit will meet the recommendations outlined in the HIM policy

- Implementing existing safety devices such as bar code medication administration will decrease errors

- Integration of the study medication ordering workflow with electronic pharmacy approval process

- Orders and documentation will be available in Epic to all study staff

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WORKFLOW CHANGES:

- The CHPS clinic staff will use Epic HOD for appointments
- Orders will be in Epic, preferably placed on the visit prior to the date of the visit
- Medication orders placed on the CHPS HOD visit are transmitted to the pharmacy work queue
- For ambulatory medication orders you will now have the option to select fax mode. These orders will be transmitted directly to the IDS pharmacy
- Both the CHPS and study teams will have access to document clinically relevant data during the patient's visit

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