Catholic Health Initiatives

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-TheraDoc Intervention Changes (2017-2018 update) - CRRT order changes, etc.

September/October 2017 Pharmacist Meeting

Thera	Doc 2017 Update	
Purpose • Upd phar	e: ate the current intervention system so a more detailed reporting system regarding macist interventions can be achieved with minimal changes in current workflow	

Current TheraDoc process

- 1. Make an intervention for a patient = capture via Intervention Assistant
- 2.
- 3. 4.
- Make an intervention for a patient capture via Intervention Assistant Intervention Assistant Clinical Activity Select Clinical Activity and document any additional comments in Comments to Team Member as necessary Time and dollar amounts auto populate based on Clinical Activity Follow-up Status is then typically complete, may remain Pending if further follow-up or communication is needed. 5.
- communication is needed. Set appropriate Intervention Status a) Undetermined if waiting for provider response to intervention b) Accepted if intervention was accepted by provider, change occurred, or action completed c) Accepted modified acceptable outcome was achieved but not original intended
- outcome

3

- Canceled intervention entered in error or on wrong patient Rejected intervention not accepted by provider but documenting the work/recommendation that you did d) e)

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New	Intervention	Assistant	Process

- 1. Additionally, you can search for an intervention, using the Search Field in Intervention Assistant
- Additionally, you can search for an intervention, using the Search Field in Intervention Assistant
 Some intervention types are located in multiple folders

 See screen shot below for Drug Optimization, type all or part of intervention you are looking for
 Drug optimization may be Anticoagulation (ACA) related, Antimicrobial Stewardship (ASP) related, Ambulatory care (AMB) related, Chemo drug (Chemo) related, or a General/Chart Review (GEN) related intervention.
- 3. The Pharmacist should select the intervention category that best classifies what type of Drug Optimization they are making.

Remove All	drug optim Search	
	Clinical Activities >> Search Results	
	S results found.	Î

New TheraDoc Intervention Process

Tips:

- 1. The subtype/intervention most similarly resembles the old categories, but these are all found within folders in the new system. The combination of Folder and Subtype allows for pharmacy departments to see a specific 2.
- intervention that was made in a specific area of practice without manually sifting through the data for possible comments a) For example: all ADEs prevented involving Anticoagulation can be reported separately from
- other ADE prevented interventions. b) The documentation section is still used to add additional details in regards to the
- intervention (still required for Major ADE's subtypes)

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8



 Next, two options result from the search, since you are discontinuing TPN select the CF Avoid/Discontinue TPN intervention. a) This is the same intervention that was previously Avoid/Discontinue Inappropria 	11-
Avoid/Discontinue TPN intervention. a) This is the same intervention that was previously Avoid/Discontinue Inappropriat	
 a) This is the same intervention that was previously Avoid/Discontinue Inappropriation 	
	te Therapy – TPN.
 Ine time spent and dollar value will auto populate 	
Document any additional information if necessary	
The Intervention is typically set to completed status and accepted if the TPN was stopp	ed.
Activities	
Remove All TVN Search	
Clinical Activities >> Search Results	~
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nticoagulation	Added Drug Therapy	150			
			75	-When unmet healthcare need is addressed by pharmacist	Pharmacist adds Vitamin K therapy for patient who meets oriteria. Pharmacist recommends starting an antiocagulant for patient who is at high risk for stroke, etc.
Anticoagulation	ADE Prevention-Major	30	2200	Amenetics of an ACE that acudit likely have been reviews and meaker in an increase ELCS. Concept on the second second concept with and not just a computer notice (i.e. doplicate therapy, allengy, or drug interaction notice).	Drag straction prevented or doing adjustment made that Y not changed could have resulted in severe advence reactions bleed, coagulopally, stroke, etc.
Anticoagulation	ADE Prevention-Minor	15	220	A pharmacist prevents a MINOR medication error as part of clinical review or patient care.	Change in dose, drug, frequency etc. that prevented a less severe complication such as minor bleeding, or other minor side effect.

CRRT Order Changes	CRRT Order Changes (continued)
CKRI OFGEF Changes CONTINUOUS RENAL REPLACEMENT THERAPY (CRRI) ORDERS (For patients intolerant of citrate anticogulation) Powe CRRI OrderSet Output: Control of the set of t	CRRL Order Changes (continued) Anticocquidtion Option added ("No Anticocquidtion" or "Angiomax") Angiomax (bivalitudin) – Weight Based CRRI Infusion Angiomax (bivalitudin) – Weight Based CRRI Infusion Between this is different than our standard Angiomax Weight Based Protocollille Between the is is in minimize filter clotting when citrate cannot be used Anticocquidtation of the system performance and the system perfo
 Fate:	 Affect to a Construction of The Mandama Lin Landsmonth in Range (40-63), may excit diffy (12) and Ready reserved) Influeion. Nate. Advisationary and the The Influeion (10, 10, 10, 10, 10, 10, 10, 10, 10, 10,

CRRT Order Changes (continued)

Angiomax Protocol – other important caveats

PTT Goal range

CRRT protocol targets 1-1.4x baseline PTT (<u>Post filter</u> PTT of 40-60)
 Traditional protocol targets PTT of 55-75 (1.5-2.5x baseline PTT)

Administration must occur PRE-FILTER

- This minimizes the risk of bleeding and infusing pre-filter should only expose the <u>filter</u> to higher Angiomax concentrations (must be infused <u>pre-filter!</u>)
- the <u>filter</u> to higher Angiomax concentrations (must be infused <u>pre-filter</u>!) Recent study demonstrated that 1-1.4x PTT post-filter levels correlated with
- 1.5-2.5x PTT values when measured pre-filter
- NOTE: we will only be checking post-filter (systemic) PTT values
- Patients needing systemic anticoagulation should use the standard Angiomax weight based protocol (need higher PTT target of 55-75)

Miscellaneous items... • Inpatient Stokes - process reminder • Everyone should be prepared to participate in this process if/when it occurs • TPA added to CCU code box (not added to any other code boxes) - to expedite TPA admixture during hours in which CCU pharmacist is staffing this area • Vancomycin dosing • Q 18 hour & Q 36 hour intervals should be avoided for ANY patient transitioning to outpatient care with continued vancomycin therapy



