

Clinton Regional Hospital

MINUTES FOR THE PHARMACY & THERAPEUTICS COMMITTEE– Date November 22, 2023

Present: Janae Chittum CNO, Len Lacefield ECO, Sarah Keys EVS Manager, Janice Merrill EOC Director, Brenda Jennings, Quality/Infection Control/Employee Health Director, Cris Hickerson Pharmacy Director, David Burchett Radiology Director, David Burchett Radiology Director, Austin Charles M/S Directory, Clint Honeycutt ED Director, Gustavo Deleon Lab Director

Excused:

Agenda Item	Discussion	Action/Recommendations	Responsible Party	Projected Completion Date
Motion to call to order	C. Hickerson recommended a motion to call October P & T Meeting to order at 1:30PM.	L. Lacefield approval of October P & T Meeting being called to order. Seconded by J. Chittum. All in favor.		
Old Business				
Recommend approval for initial Medication Formulary, Crash Cart & treatment kit meds, Therapeutic Interchange list, Pharmacy P&P manual.	C. Hickerson provided background information regarding the items presented. C. Hickerson recommends a motion for the approval of the initial ER med formulary, Crash Cart and treatment kits med lists.	J. Chittum recommended approval of the initial Medication Formulary, Crash Cart & treatment kit meds, Therapeutic Interchange list, Pharmacy P&P manual. Seconded by L. Lacefield. All in favor.	Pharmacy Director	No further action needed.
New Business				
1) Recommend approval for the following policies: Treatment & Med Order Sets 2) Add Acetaminophen 1000mg/100mL Injection to the formulary.	1) C. Hickerson recommends a motion for approving the presented Treatment & Med Order Sets. 2) C. Hickerson recommends a motion for approving the addition of Acetaminophen 1000mg/100mL injection for the following specific indications, including:	1) J. Chittum recommended approval of the Provider Order Sets policy. Seconded by L. Lacefield. All in favor. 2) C. Honeycutt recommended approval of Acetaminophen injection to the formulary.	Pharmacy Director Specific indications will be added to the Acetaminophen IV item file.	No further action needed.

Agenda Item	Discussion	Action/Recommendations	Responsible Party	Projected Completion Date
	<ul style="list-style-type: none"> a. Oral or rectal route unavailable or compromised (severe nausea &/or emesis, diarrhea) b. Faster fever relief compared to oral & rectal dosage forms. c. Patient suspected of being under the influence of an unknown substance. d. Patient hypotensive 	Seconded by A. Charles. All in favor.		
Consent Items				
Medication Errors	None to report at this time.	N/A	Pharmacy Director	Ongoing
Medication Recalls	None to report at this time.	N/A	Pharmacy Director	Ongoing
Medication Shortages	Ongoing shortages of lorazepam, lidocaine with epinephrine, bupivacaine with epinephrine, and clindamycin.	Continue to order these meds from primary, secondary & alternative sources. No other action.	Pharmacy Director	Ongoing
Motion to adjourn	C. Hickerson recommended a motion to adjourn at 1:45PM time.	C. Honeycutt made motion to adjourn. Seconded by J. Chittum. All in favor.		

P&T Policies &/or Attachments:

- Pharmacy P&P Manual available on SharePoint
- ER Inventory
- Crash Cart inventory
- Treatment Kits inventory
- Order sets
- Therapeutic Interchanges

Clinton Regional Hospital Crash Cart Medications CHARGE SHEET

Quantity Stocked	DRUG	Quantity Used
TRAY 1		
3	ADENOSINE IV INJ, 6 MG/2 ML SYRINGE OR VIAL	_____
2	AMIODARONE (CORDARONE) INJ., 150 MG VIALS	_____
3	ATROPINE IV INJ, 1 MG/10 ML SYRINGE	_____
2	CALCIUM CHLORIDE INJ, 1 GM/10 ML SYRINGE	_____
1	DEXTROSE 50% IV INJ, 25 GM/50 ML SYRINGE	_____
1	DIPHENYDRAMINE 50 MG/1 ML VIAL	_____
8	EPINEPHRINE IV INJ, 1 MG/10 ML SYRINGE	_____
1	FLUMEZANIL (ROMAZICON) IV INJ, 500 MCG/5 ML VIAL	_____
3	LIDOCAINE IV INJ, 100 MG/5 ML SYRINGE	_____
2	MAGNESIUM SULFATE INJ, 1 GM/2 ML VIAL w/NSS 20 ML VIAL	_____
3	METOPROLOL 5 MG/5 ML AMPULE OR VIAL	_____
2	NALOXONE (NARCAN) INJ, 2MG/2ML SYRINGE	_____
TRAY 2		
1	AMIODARONE (CORDARONE) INJ, 150 MG w/D5W 100 ML & IV FILTER	_____
1	AMIODARONE INJ, 450MG/9ML w/D5W 250ML (IV FILTER)	_____
1	DOPAMINE IV DRIP, 400 MG/10ML VIAL w/ D5W 250ML	_____
1	LIDOCAINE IV DRIP, 1 GM/250 ML BAG	_____
1	NOREPINEPHRINE (LEVOPHED) FOR IV DRIP, 8 MG w/D5W 250 ML	_____
2	SODIUM BICARBONATE IV INJ, 50 mEq/50 ML SYRINGE	_____
Drawer 4 (IV Solutions)		
4	NORMAL SALINE 1000 ML	_____
2	NORMAL SALINE 500ML	_____
1	DEXTROSE 5% 500ML	_____
1	NORMAL SALINE 250ML	_____
10	SODIUM CHLORIDE 10ML SYRINGES	_____

PATIENT NAME:

ROOM:

****Extra Crash Cart Trays located in PHARMACY****

Note: Please include a bag with the following supplies in Tray 2.

Levophed Drip - 1 filter needle, 2 blunt needles, 2 10 mL syringes, alcohol swab and label.

Amiodarone Drip -1 extension set 16" 0.2 micron.

Updated 10/23/23

Anesthesia Narcotic Boxes

5 Boxes

Quantity	Drug and Strength	Cardinal Number
12	Diprivan 10mg/mL (20 mL vial)	5016621
	Ephedrine 50mg/mL (1 mL ampule)	5420955
10	Ephedrine 10mg/mL (5 mL syringe)	11143419
10	Fentanyl 50mcg/mL (1 mL ampule)	5539549
5	Fentanyl 50mcg/mL (5 mL ampule)	3701703
	Fentanyl 50mcg/mL (5 mL vials)	3695657
1	Ketamine 50mg/mL (10 mL vial)	4132171
6	Ketorolac 30mg/mL (1 mL vial)	2573368
10	Midazolam 1mg/mL (2mL vial)	4338604
1	Morphine 1 mg/mL (10 mL vial)	3673878
10	Ondansetron 2mg/mL (2 mL vial)	5248596
	Rocuronium 10mg/mL (5 mL vial)	5355102
4	Rocuronium 10mg/mL (5 mL syringe)	11143418
	Succinylcholine 20mg/mL (10 mL vial)	1293604
3	Succinylcholine 20mg/mL (5 mL syringe/vial)	11042876

Emergency Intubation Kit

3 boxes (ICU, ER, OB)

Quantity	Drug and Strength	Cardinal Number
2	Succinylcholine 20mg/mL (5mL/10mL)	11042876 syringe/1293604 vial
2	Rocuronium 10mg/mL (5mL)	11143418 syringe/5355102 vial
1	Etomidate 2mg/mL (10mL)	5284112
1	Diprivan 10mg/mL (20mL)	5016621

1 Ketamine

Oncology Emergency Drug Box

1 box

Quantity	Drug and Strength	Cardinal Number
1	Albuterol 2.5mg/3mL	Charge to Respiratory
1	Dexamethasone 10mg/mL	1154020
1	Diphenhydramine 50mg/mL	3386067
1	Epinephrine 1:1000 1mg/mL	5065461
1	Hydrocortisone (Solu-Cortef) 100mg/mL	1325372
1	Hydrocortisone Cream 1% 30gm	4587531
1	Sodium Bicarbonate 50mEq/50mL	5663216

Eye Tray

1 box

Quantity	Drug and Strength	Cardinal Number
2	Cyclopentolate Solution 1% 2mL	4535563
2	Dexamethasone Solution 0.1% 5mL	1303874
2	Erythromycin Ointment 0.5% 1gm	4341319
2 ①	Eye Stream 30mL	1245133
2	Gentamicin Ointment 0.3% 3.5gm	1465277
2	Gentamicin Solution 0.3% 5mL	2508026
2 ①	Lacri-Lube 3.5gm	1097682
2	Neo/PolyB/Bacitracin/Hydrocortisone (Cortisporin) Ointment 3.5gm	1161355
2	Neo/PolyB/Bacitracin/Hydrocortisone (Cortisporin) Suspension 7.5mL	3478203
2	Sulfacetamide Solution 10% 15mL	1304195
2	Tetracaine Solution 0.5% 4mL	5294491
2	Tobramycin Solution 0.3% 5mL	5555552
2	Tobramycin/Dexamethasone Suspension 2.5mL	4147724
2	Tropicamide Solution 0.5% 15mL	1168913
2	Neo/PolyB/Bacitracin (Neosporin) Ointment 3.5gm	5053137
2	Neo/PolyB/Gramicidin (Neosporin) Solution 10mL	Backorder

Fluorescein strips
Eye patch - rigid, soft
Clinic Emergency Kits

3 boxes

Quantity	Drug and Strength	Cardinal Number
6	Aspirin 81mg Chewable	5488135
1	Ketorolac 60mg	3239845
1	Lidocaine 1% 30mL	4375531
1	Lidocaine 1% w/Epi 1:100,000	1028356
1	Ceftriaxone 1 gm	4864922
1	Fosphenytoin 500mg/10mL	5280722
2	Levetiracetam 500mg/5mL	5252135
1	EpiPen	5315122
1	EpiPen JR	5315114
1	Naloxone 2mg/2mL	4585402
1	Diphenhydramine 50mg/mL	3386067
1	Activated Charcoal Aqueous Base	4076212
1	Tetanus Diphtheria (TD Vaccine)	5170741

Adult Crash Cart

Quantity	Description	Item Number
Tray 1 (7 trays)		
3	Adenosine 6mg/2mL	3673894
2	Amiodarone 150mg/3mL	5347430
3	Atropine 1mg/10mL Syringe	4748877
2	Calcium Chloride 10% 10mL Syringe	4815064
1	Dextrose 50% 50mL Syringe	2381317
1	Diphenhydramine 50mg/mL	3386067
8	Epinephrine 1mg/10mL Syringe	4763983
1	Flumazenil 500mcg/5mL	5305511
3	Lidocaine 2% 100mg/5mL Syringe	4786620
2	Magnesium Sulfate 1gm/2mL	5421631
3	Metoprolol Tartrate 5mg/5mL	4928271
2	Naloxone 2mg/2mL Syringe	4585402
2	Sodium Chloride 0.9% 20mL	1165836
4	Water for Injection 20mL	1165943
Tray2 (7 trays)		
1	Amiodarone 150mg/3mL	5347430
1	Amiodarone Premix 360mg/200mL	4462461
1	Dextrose 5% 100mL	2472637
1	Dextrose 5% 250mL	1603158
1	Dopamine 400mg/250mL	1503226
1	Lidocaine 2gm/500mL	2126605
2	Norepinephrine 4mg/mL	4594412
2	Sodium Bicarbonate 8.4% 50mEq/50mL Syringe	5663216
IV Solutions (5 drawers)		
4	Sodium Chloride 0.9% 1000mL	3660339
2	Sodium Chloride 0.9% 500mL	2469039
1	Sodium Chloride 0.9% 250mL	1135284
10	Sodium Chloride 0.9% Flush	3617867
1	Dextrose 5% 500mL	1115369

Pediatric Crash Cart

3 Carts

Quantity	Description	Item Number
3	Adenosine 6mg/2mL	3673894
3	Amiodarone 150mg/3mL	3403235
2	Atropine 1mg/10mL Syringe	4748877
2	Calcium Chloride 10% 10mL Syringe	4815064
1	Dextrose 50% 50mL Syringe	2381317
1	Dopamine 1600mcg/mL in D5W 250mL	1503226
2	Epinephrine 1mg/10mL Syringe	4763983
1	Epinephrine 1:1000 ampule	5065461
1	Lidocaine 2% 100mg/5mL Syringe	4786620
2	Magnesium Sulfate 1g/2mL	5421631
2	Naloxone 2mg/2mL Syringe	4585402
2	Sodium Bicarbonate 4.2% Syringe	5663216
2	Sodium Bicarbonate 8.4% 50mL vial	5382254
2	Sodium Chloride 0.9% 20mL	1165836
2	Sterile Water 20mL	1165943
2	Sodium Chloride 0.9% Flush	3617867
1	Dextrose 5% in 0.45% NS with 10mEq KCL 500mL	333531 <i>248507</i>
1	Dextrose 5% in 0.225% NS 250mL	1010180
2	0.9% Saline 250 mL	1135284
1	Dextrose 10% 250mL	2976025

Pharmacy Supplies

Quantity	Description	Item Number
	Isopropyl Alcohol 70% (480 mL)	429-6604
	Chemo Gowns (10 gowns per bag)	106-3841
	Surface Disinfectant (473 ml)	521-5678/11109622
	Pharma Surface Guard (2 Step) (15/box)	513-7963
	Ambidextrous Gloves (M,L,XL)	11064021
	Sterile Gloves (L, XL)	11064022
	BD Phaseal Protectors (Red, P21)	455-9084
	BD Phaseal Protectors (Blue, P14)	455-9068
	BD Phaseal Protectors (Green, P50)	455-9027
	BD Phaseal Protectors (White, P28)	455-8953
	BD Phaseal Injector Luer Lock (N35)	455-9266
	BD Phaseal Infusion Adapter (C100)	455-9233
	BD Phaseal Connector Luer Lock (C45)	456-3821
	BD Phaseal Caps (M50)	455-9142
	Pharma Wipes	496-9333
	Prep Mats	11064024
	Tacky Mats	11064027

Neonatal Crash Cart

2 Carts

Quantity	Description	Item Number
2	Atropine 1mg/10mL Syringe	4748877
2	Dextrose 25% 10mL Syringe	2892610
2	Epinephrine 1mg/10mL Syringe	5698691
1	Epinephrine 1:1000 ampule	5065461
1	Lidocaine 2% 100mg/5mL Syringe	4786620
2	Naloxone 0.4mg/mL	4966362
2	Sodium Bicarbonate 4.2% Syringe	5663216
2	Sodium Chloride 0.9% 20mL	1165836
2	Sterile Water 20mL	1165943
2	Sodium Chloride 0.9% Flush	3778875
1	Dextrose 5% in 0.45% NS with 10mEq KCL, 500mL	3333531 3648854
1	Dextrose 5% in 0.225% NS 250mL	1010180
1	0.9% Saline 250 mL	1135284
2	Dextrose 10% 250mL	2976025

Radiology Emergency Drug Box

1 box

Quantity	Drug and Strength	Cardinal Number
2	Amiodarone 150mg/3mL	5347430
1	Aminophylline 500mg/20mL	1627801
2	Atropine 1mg/10mL syringe	4748877
2	Dexamethasone 4mg/mL	5320296
2	Diphenhydramine 50mg/mL	3386067
2	Epinephrine 1:1000 1mg/mL	5065461
1	Epinephrine 1mg/10mL	4763983
2	Methylprednisolone 125mg	4282117
1	Nitroglycerin SL 0.4mg tab	5258595
4	Sodium Chloride 0.9% 20mL	1165836
1	Albuterol Inhaler	5628151
2	Albuterol 0.83/mL	3321957 *charge to respiratory
1	Lactated Ringer 1000mL	3662285
1	Sodium Chloride 0.9% 500mL	2469039

Acute Myocardial Infarction Box

2 boxes

Quantity	Drug and Strength	Cardinal Number
2	Heparin 5,000 units/mL	5595541
1	Heparin 25,000 units/250mL	1858570
1	Enoxaparin 30mg	5652128
1	Enoxaparin 100mg	5652169
1	Nitroglycerin 25mg/250mL	2538056
1	TNKase 50mg kit	5571427

**CRH Therapeutic Interchanges
Update Tracker**

Title	Last Updated	Block Implemented*	Title	Last Updated	Block Implemented*	Title	Last Updated	Block Implemented*	Title	Last Updated	Block Implemented*
ACE Inhibitors	02/18	1/15/16	EpiFoam	04/18	12/1/15	Ophthalmic Anesthetics	07/18	6/29/18	Respiratory - Neb Strategy		
Acetylcholinesterase Inhibitors (AChI)	11/16	2/15/17	EpiPen	04/18	2/22/18	Ophthalmic Antihistamines	07/20	1/13/17	Respiratory - SABA-LABA - Neb	05/22	11/4/16
Alpha Agonists	03/20		Erythropoietic Stimulating Agents	11/20	7/6/05	Ophthalmic Antibacterials	09/22	6/29/18	Respiratory - ICS - Neb	05/20	1/13/17
Alpha & Beta Agonists	05/22		Estrogen Derivatives	11/22	2/15/17	Ophthalmic Antimicrobial-Corticosteroid Combos	07/18	6/29/18	Respiratory - LABA-ICS - Neb	05/20	12/1/15
Anesthesia Gases	04/18	11/1/15	Expectorants	03/20		Ophthalmic BB/CAI Combos	01/17	1/13/17	Respiratory - Anticholinergics	05/22	5/1/16
Anticonvulsants	11/19		Fenofibrates	12/16	12/14/16	Ophthalmic Corticosteroids	07/20	6/29/18	Respiratory - Anticholinergic-SABA/LABA	05/22	5/1/16
Antifungals	03/21		Fish Oils	12/16	12/14/16	Ophthalmic Mydratics	11/20	pending	Respiratory - Anticholinergic-SABA/LABA-ICS - Neb	03/22	3/30/18
Antihistamines - 1st Generation	05/22		Fluoroquinolones	11/19		Ophthalmic NSAIDs	04/18	3/1/17	Restasis	02/18	3/30/18
Antihistamines - 2nd Generation	05/22	1/13/17	GI Cocktail/Donnatal	01/22	4/1/16	Ophthalmic Prostaglandins	09/18	1/28/16	Rhophylac	03/18	3/23/18
Antitussives	03/20		Granix	03/22	7/6/05	Ophthalmic Vasokonstrictors	05/18	6/29/18	Scabicides and Pediculides	03/21	3/1/17
APAP-Hydrocodone	03/17	2/22/18	Glycoprotein IIb/IIIa Inhibitors	04/18	3/21/16	Oral Liquids	02/18		Sedative Hypnotics	12/16	12/14/16
ARBs	01/19	1/8/16	H2 Antagonists	07/20	11/13/15	Otic Antimicrobials	07/18	6/29/18	Serotonin Agonists-Triptans	07/21	1/13/17
Benzodiazepines	11/16	2/15/17	Incontinence	11/22	pending	Oxycodone ER	03/17	3/30/18	Serotonin Agonists-NSAID Combos	02/17	2/15/17
Beta-Blockers	07/17	2/15/17	Inhaled Tobramycin	09/20		Oxymorphone	01/19	2/22/18	Skeletal Muscle Relaxants	02/18	1/13/17
Bidil	09/19	pending	Insulins	09/22	4/13/18	Pancreatic Enzymes	07/21	4/1/16	Sodium Glucose Cotransporter-2 Inhibitors	11/21	3/1/19
Bile Acid Resins	05/19	3/30/18	Irons (Intravenous)	09/22		Phenazopyridine	09/22	7/1/16	SSRIs	08/15	
Biosimilar Initiative	05/21		Irons (Oral)	02/19	pending	Piperacillin-tazobactam	09/20		Statins	04/18	5/1/16
BPH - Alpha Blockers	01/17	1/13/17	Leukotriene Modifiers	03/22	1/13/17	Phosphate Binders	09/20	3/30/18	Sulfonylureas	09/20	12/14/16
BPH - Selective Alpha Blockers	01/17	1/13/17	Leuprolide	03/17	3/1/17	"PM" Products	01/22	2/22/18	Stimulants	07/19	
BPH - Alpha Reductase Inhibitors	01/17	1/13/17	Lidocaine	03/18	3/30/18	Potassium Binders	11/21		Tapantadol	05/17	3/30/18
BPH - Combinations	12/16	12/14/16	Loop Diuretics	01/20	pending	Probiotics	05/16	5/7/16	Theophylline 24hr	11/19	
Bupropion	01/21	10/1/20	Megestrol	01/17	3/1/17	Proton Pump Inhibitors	03/21	1/13/17	Thiazolidinediones	09/20	2/22/18
Carbapenems	03/19		Memantine	11/16	11/4/16	Rectal Corticosteroids	02/18	pending	Thrombolytics	08/22	9/6/22
Cephalosporins	09/19		Memantine-AChI Combos	05/19	12/14/16				Topical Antifungals	09/20	
Consent	07/18	pending	Microbubble Contrast	01/19		Respiratory - SABA-LABA - CC	05/22	11/4/16	Topical Antifungal-Steroid Combos	01/17	3/1/17
Decongestants	05/22	pending	Morphine SR	01/20	2/22/18	Respiratory - ICS - CC	05/20	1/13/17	Topical Antivirals	03/21	3/30/18
Diclegis	11/22	9/15/15	Nasal Antihistamines	11/18	2/22/18	Respiratory - LABA-ICS - CC	01/20	12/1/15	Topical Steroids	11/21	1/15/16
Dihydropyridine Calcium Channel Blockers	01/20	1/28/16	Nasal Antihistamine-Corticosteroid Combos	02/18	2/22/18	Respiratory - Anticholinergics	05/22	5/1/16	Topical Thrombin	04/16	7/6/05
Diltiazem 12-hr	07/18	pending	Nasal Corticosteroids	11/22	11/13/15	Respiratory - Anticholinergic-SABA/LABA	05/22	5/1/16	Tramadol	01/21	2/22/18
Dipeptidyl Peptidase IV (DPP-4) Inhibitors	09/22	1/13/17	NSAIDs	01/22	1/13/17	Respiratory - Anticholinergic-SABA/LABA-ICS - CC	03/22	3/30/18	Ultracet	01/19	2/22/18
Entereg	04/18	12/1/15	NSAID-PPI Combinations	12/16	12/14/16				Vaccines	09/22	~2013
									Visipaque	04/18	11/1/15

*blocks are implemented for the non-formulary products on the "convert from" side of the interchange. Exceptions are noted
Last Updated 11/23/2022

Clinton Regional Hospital

Order Sets

Reviewed by P&T 18 October 2023

- General/Adult/Admit Non-ICU
- Meningitis/Adult
- Pneumonia/Adult
- General/Peds/Admit Non-ICU
- Respiratory Illness/Peds
- Suspected Sepsis/Peds/Admit Non-ICU
- Severe Sepsis/Septic Shock/Adult
- General/Adult/Admit ICU
- PICC/Midline Insertion
- Blood Product Administration/Adult
- Altered Mental Status Protocol/Adult/ED
- DKA/HHS/Adult
- Ventilator Protocol/Adult
- Insulin Infusion/Adult
- Electrolyte Replacement/Adult
- Heparin Therapy/Adult (AntiXa)
- Overdose/Adult
- Sepsis/SIRS/Adult
- UTI/Adult