

Pharmacy Update

Distribution Channels:

- **Cardinal** is allocating at 125% which resets weekly on Sunday, for items never purchased the allocation % is less.
 - If you need an allocation adjusted:
 - Work directly with Customer Service to create service ticket – 800.926.3161 (GMB-P-CS-NA@cardinalhealth.com)
 - Provide following information the following information:
 - Account #
 - item #
 - Qty needed
 - Any other details relevant to the override request such as (patient need, treatment, etc)?
 - Customer service will submit a ticket to inventory manager at DC for review and then issue approval or denial
- **Amerisource** is allocating at the NDC level and it is not known what their allocation % is at this time. They post updates regularly at a [dedicated microsite](#)
- **Baxter** is allocating nearly all of their products now
 - Recommending sites to go direct if they cannot get from wholesaler
 - The items with their allocation % are posted to the QHR Health COVID-19 Online Resource Center: [Baxter Allocation Letter](#)
 - Baxter has shared their allocations by site for the Mini Bags for the sites that purchase direct and that listing has been shared to the sites listed. If you have not received this list and would like to, please reach out to Stacy at sricharz@qhr.com
- **Piramal**, another sevoflurane vendor is not allocating and is working with Cardinal to not put strict allocations on their products.
- **Pfizer**, they are ramping up production and pulling forward production on Fentanyl 50ml and Propofol 100ml. They are requiring that you now order direct. To get propofol, please call their Supply Continuity Team at 844.646.4398.
- **Fresenius Kabi**, to purchase Propofol please contact Fresenius Kabi direct (Customer Service is 888.386.1300). You will need to have information on your current # of patients and your need.

Respiratory Process:

- Many of our sites use common cannisters and it is recommended that for patient safety we shift from shared inhalers to individual inhalers to reduce any risk.
 - **Cardinal** is limiting purchase of inhalers to sites that have not purchased them historically. They are sending surveys out now to help adjust AMU for historical Neb/Common Cannister sites.
 - Where we cannot convert to inhalers or MDIs, we will need to continue the use of Nebbs, but work with respiratory and put in place procedures that limit the risk of exposure, filters for exhale, use in negative pressure when possible, and proper PPE being worn.
 - If patient has own inhaler, consider them using their own.
 - **Henry Schein** does have some inhalers, MDIs/Spacers in stock. If you have a Schein account, please check it regularly

Supply issues for drugs:

- Healthtrust is working on securing some products for us to help with the short supply. Updates will be sent when that product is loaded to the McKesson channel. If you do not have your McKesson Channel account, please reach out to Stacy at sricharz@qhr.com
- It is recommended where possible a patient's own meds can be used. For example, if they already have an inhaler, they could use their inhaler.
- Drugs that may have or currently have supply issues:
 - Azithromycin
 - Cefepime
 - Dexmedetomidine/Precedex
 - Doxycycline
 - Electrolytes
 - Famotidine IV
 - Fentanyl
 - Hydroxychloroquine
 - Inhalers/MDIs
 - IV Fluids – Baxter has allocations in place, as do the wholesalers. If you have issues getting your normal 100% AMU from your wholesaler, please try Baxter direct.
 - Levaquin
 - Lovenox
 - Meropenem
 - Methylprednisolone
 - Pantoprazole IV
 - Penicillin
 - Propofol – If you need Propofol, reach out to Fresenius Kabi direct (Customer Service is 888.386.1300). Please note there are reports of a 4-5 day lead time to receive product once ordered.
 - Their customer service will need to know specifics about the increased need. Do not say things like “we are expecting an increase” and use terms like “we have had a surge in utilization”. Any specific numbers you can share will also help them determine need
 - Vial Mates
 - Zosyn

Drugs that are potential treatments for COVID-19:

- Please visit the QHR Health COVID-19 Online Resource Center: [COVID-19 Pharmacy](#) for information around current treatments being used:
 - *ASHP-COVID-19-Evidence_Table* – Lists the drugs, clinical experience, dosage and comments <https://qhrcovid19.com/docs/ashp-covid-19-evidence-table/>
 - *ASHP_Stewardship of off label treatments as of 3-23-2020* <https://qhrcovid19.com/docs/ashp-stewardship-of-off-label-treatments-as-of-3-23-2020/>
 - Healthtrust document: *HPG_2003161617.FAQsCOVID_3.20.2020* is a great resource for the information they have gathered on COVID-19. From page 7, they discuss in detail the information on the drugs currently being used to treat COVID-19 <https://qhrcovid19.com/docs/hpg-belmont-university-covid-19-faqs/>
 - Document: *Hydroxychloroquine and Azithromycin as treatment of COVID-19* <https://qhrcovid19.com/docs/hydroxychloroquine-and-azithromycin-as-a-treatment-of-covid-19/>

- If you have any other studies to share or any drugs you have found to be successful, please be sure to share with Stacy Richarz at sricharz@ghr.com

Drugs that are being tested as treatments for COVID-19:

- Remdesivir
 - Gilead has suspended their compassion use program as of 3/22/2020 due to demand. It can still be requested for pregnant women and children under 18 years of age with confirmed COVID-19. Request can be submitted by patients physician to compassionateaccess@gilead.com. The request needs to include all of the information listed at their website: <https://www.gilead.com/science-and-medicine/research/compassionate-use>
- Galidesivir
- Danoprevir
- Favipiravir

PPE for Pharmacy

- Please check the QHR Health COVID-19 Online Resource Center: [COVID-19 Resource Center](#) under supply chain and pharmacy for updates.
 - Information has been posted from Critical Point, USP and FDA on reusing PPE in pharmacy.
 - Updates from Cardinal and Amerisource are posted regularly. Look for the latest FAQ from your wholesaler for the latest update.
 - Vendors to check regularly for PPE
 - Cardinal & Amerisource, put in backorders as possible, allocations reset weekly
 - Henry Schein, they are no longer setting up new accounts. If you have an account:
 - Schein has Isolation gowns, gloves, masks, sanitizer and alcohol
 - Isolation Gowns - limit is 5 packs per week
 - Gloves – limit is 30 boxes per sku/90 boxes total per week
 - Procedural masks – limit is 3 boxes every 5 days
 - Acute Care Pharmaceuticals
 - Can put on backorder at Cardinal Health
 - Their corporate office contact indicated sites may have success reaching out to their local rep and purchasing direct emergency supply if they have any stock on hand
 - Health Care Logistics
 - If a site has ever purchased any item with HCL, they can put in an order and it will go into backorder if it is unavailable.
 - They are filling backorders first as supply comes in and they are allocating to those backorders
- Ensure you have PPE for your pharmacy, if you are able to get extra please work with your Materials Management departments to help them out with any excess you can get.
- You can find instructions to compound alcohol based sanitizer from USP here: [USP Compounding Sanitizer](#)

Additional Resources:

- **ASHP** has provided open access to their Critical Specialty Pharmacy Resources thru May 31.
 - [ASHP's Critical Care Pharmacy Specialty Review Course, Practice Exam, and Core Therapeutic Modules package](#)
 - Use code COVID-19 at checkout
- **ASHP** also has opened access to other evidence-based online resources and tools found here: [COVID-19 Resource Center](#)
- **Lumere** is offering complimentary access to their database of research during the COVID-19 outbreak [Click here to for Complementary Access to Lumere's Research](#)
 - They have also created the Lumere Community Hub as a dedicated space for people to ask questions and share ideas.
- **GHX** is sharing a list of 'at-risk for shortage' products [Click here to Access GHX's List of Products/Resources](#)
- **Healthtrust** has set up a COVID-19 resource center: [Healthtrust COVID-19 Pharmacy Resources](#) you can check here for info they have found on drug supply, treatment evidence, Supply Channel updates, and more.
- **BD/Pyxis/Alaris** has provided several documents on how to clean/sanitize equipment, you can find them all posted here: [COVID-19 Pharmacy](#)
- **ISMP** released a special COVID-19 edition found here: [ISMP COVID-19 Edition](#) Please pay special attention to the 'Worth Visiting' section on Page 5, there are several very good resources listed.