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From: Jordan, Melissa R <mjordan2@IUHealth.org>
Sent: Wednesday, January 19, 2022 9:44 PM
To: DPLM Extended Lead Team <DPLMExtendedLeadTeam@IUHealth.org>; Chambers, Susie <Schambers@IUHealth.org>; Hensley, Erica S <ehensley3@IUHealth.org>; Moss, Anne R <amos4@IUHealth.org>; Oliver, Maria <MOliver@IUHealth.org>; Opie, Wendy A <wopie@IUHealth.org>; Therien, Nicole M <ntherien@IUHealth.org>; Womack, Shannon M <swomack@IUHealth.org>; Hamilton, Ashley R <ahamilton17@iuhealth.org>; Jones, Edmond R <ejones25@IUHealth.org>; McDonald, Jessica N <jmcdonald9@IUHealth.org>; Wittig, Pamela K <pwittig@iuhealth.org>
Cc: Day, Clark <cday5@IUHealth.org>; Jordan, Melissa R <mjordan2@IUHealth.org>
Subject: System Communication: Plan of Action for Abbott iSTAT CHEM8 Inventory concerns to global plastics shortage, transition to EC8+ & Crea

Date: January 19, 2022



Leaders,*

On January 6, 2022, Abbott made IU Health aware they would be unable to fulfill outstanding orders for **i-STAT CHEM8+** cartridges due to a global plastics shortage, expected ETA for fulfillment is 4 weeks.

Point of Care Leaders were able to secure a 3 month supply of an alternate cartridge (i-STAT EC8+) for our system hospitals.

Testing Available by Cartridge Type

	Na	K	Cl	CREA	Anion Gap calculated	Ionized Calcium	GLU	BUN	TCO2 measured	Hct	Hgb calculated	pH	pCO2	pO2	TCO2 calculated	HCO3 calculated	BE calculated	sO2 calculated
Chem8	X	X	X	X	X	X	X	X	X	X	X							
EC8+	X	X	X		X		X	X		X	X	X	X		X	X	X	
CREA				X														

Point of Care Action:

- Notify local leadership when refrigerated stock of CHEM8+ is depleted by site

Clinical Leadership Action:

- Notify front line team members of alternative cartridge option. As supply of **i-STAT CHEM8+** diminishes at each local hospital, the **i-STAT EC8+** cartridge will be the replacement. If Creatinine is needed, there is an individual **CREA** cartridge available for use.
- Continue to use **CHEM8+** cartridges until stock is depleted.
- Caution front line team members of the similar look of EC8+ and the CG8+ Cartridges



**I-STAT CHEM8 CARTRIDGES ARE NOT AVAILABLE
DUE TO A GLOBAL PLASTIC SHORTAGE**



EC8+ CARTRIDGE IS THE AVAILABLE ALTERNATIVE

NOTE: CREATININE IS NOT INCLUDED IN THE EC8+

**CREA CARTRIDGE IS AVAILABLE IF A CREATININE IS
NEEDED**

Communication Plan

- Local Laboratory Leadership and Pathologists
- Local Clinical Leadership via POC Leaders
- Clinical Effectiveness Councils (Critical Care, ED, Hospitalists, CV, Anesthesia, Surgery, NICU, OB/GYN, Peds)

Next Steps:

Please share this inventory replacement notification plan with stakeholders.

Attached:

- End User Flyer: i-STAT CHEM8+ Alternative
- End User Flyer: i-STAT EC8+ vs. CG8+

Thanks,

Melissa Jordan

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**This message was sent to Point of Care POC Leadership, DPLM Extended Lead Team.*

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