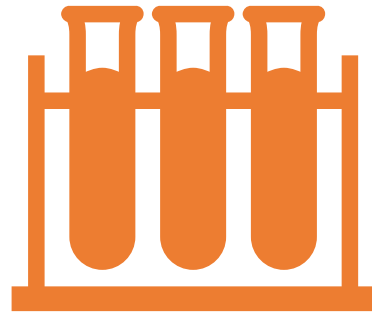




Point of Care

What is Point of Care?



Any testing performed outside of the lab by non-laboratorians



A partnership with clinical staff to improve patient outcome

Why Point of Care?



Improve patient outcome through quick turnaround times; the patient can be diagnosed and treated faster.



To decrease the amount of time patients spend in the hospital, specifically in critical care settings.

Who is Point of Care?

- **Medical Director**

Dr. Mustafa Barbhuiya, PhD, FACSc

- **Manager**

Arvel Paz, MLS (ASCP)^{CM} SC^{CM}

- **Supervisor**

Gail Lempart, MLS (ASCP)^{CM}

- **Team**

Lex Wood- POC Coordinator, Baystate Medical Center

Ana Pereira- POC Coordinator, Baystate Medical Center

Kerry Gagnon- Prep Tech, Baystate Medical Center

Maria Grimaldi- POC Coordinator, Baystate Medical Center

Glenda Gutarra De Ferraro- POC Coordinator, Baystate Wing Hospital

LeighAnn Olinski- POC Coordinator, Baystate Noble Hospital

Anne Gorzocoski- non-POC MLS2, Baystate Franklin Medical Center

What do we do?

- Annual Train the Trainer classes
- Maintain competency files
- Validate new instrumentation
- Monitor QC
- Proficiency testing
- CAP/JC inspection readiness
- Monthly QA reports
- Instrument/IT troubleshooting
- Site audits





POC Test Menu

- **Glucose:**
 - *Precision Xceed Pro*
 - BMC, Wing, FMC, BMP
 - *Nova Stat Strip*
 - Noble



Precision Xceed Pro
2021 Annual Volume: 525,204
2022 Volume To Date: 460,027

Nova Stat Strip
2021 Annual Volume: 25,284
2022 Volume To Date: 18,593



POC Test Menu

- **i-STAT**

- Used throughout BMC- HVCC, Daly OR, ICU, NICU, HVOR, ED/Pedi ED, PICU, Cath Lab, Chestnut Surgical, RRT, CCT
- Pulmonary Function Lab and D'Amour Cancer Center Lab
- Variety of cartridge types including blood gasses, glucose, electrolytes, HH, lactic acid, and creatinine analytes

2021 Annual Volume: 46,269

2022 Volume To Date: 37,879

POC Test Menu



Clinitek- Urinalysis

Hemochron- ACT

AVOXimeter- %O2Hb

Afinion- A1c

CoaguChek- INR

POC Test Menu

Urine Pregnancy Test



pH

Urine ketones

QuickVue Strep

PPM

Urine toxicology



POC Test Menu: COVID

- Validation study abstract accepted for presentation at AACC

- Abbott ID NOW- rapid PCR

- ✓ *August 2020-Present*
- Urgent Cares in Springfield and Northampton - discontinued
- Shields Urgent Cares in Longmeadow, Feeding Hills, Westfield
- ER Pod Z
- BCH Specialty Center
- EHS symptomatic employees
- High Street Covid Clinic- discontinued
- BOSC
- Daly OR



2021 Annual volume: 22,985
2022 Volume to Date: 34,946

POC Test Menu: COVID

- LumiraDX- antigen device

- ✓ *December 2020- June 2021*

- Whitney Ave employee post-vaccine reactions- discontinued
- EHS symptomatic employees- discontinued



POC Test Menu: COVID

- BinaxNOW- antigen kit

- ✓ *June 2021-Present*

- EHS symptomatic employees- discontinued
 - Health centers



POC Test Menu: COVID

- Quidel QuickVue- antigen kit

- ✓ *December 2021- Present*

- Symptomatic employee testing select units and community hospitals
 - Pre procedure patient testing



Other POC Projects

i-STAT Post Filter Ionized Calcium

i-STAT Lactic Acid testing

CHEM8+ validation

BMP interfacing/standardization

Hemochron interfacing

OR Restructuring

i-STAT Cardiopulmonary Bypass mode

Send questions to
POCTTeamMembers@BaystateHealth.org