Montefiore Medical Center and COVID

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Discussion

- Montefiore Medical Center
- Preparing for the COVID Surge
- COVID Numbers
- Isolation
- PPE/Supply Problems
- CLABSI/CAUTI/ C. Diff/ CRE
- Exposures
Montefiore Medical Center

- Moses
- Weiler
- Wakefield
- CHAM
- Hutch
- Westchester Square
- School of Health
- Over 100 Outpatient Sites
Preparing for the Surge

- Created additional beds
- Created additional ICU beds
- Redeployed staff from Outpatient Sites and School of Health Sites
- Trained Redeployed staff on EMR, Acute Care Skills etc…
- Installed dialysis plumbing in rooms
ICU Surge Locations

- Pediatric ICUs converted to Adult ICUs
- Stepdown Units converted to ICUs
- ORs
- Cardiac Cath
- PACUs
- Outpatient Pediatrics Clinic w/i the hospital
Medical Surge Locations

- Conference Rooms
- Auditoriums
- Outpatient Surgery Center
First COVID Positive Patients

- Middle of March first confirmed COVID patients
- Attempted to create COVID Units
- Attempted to create a COVID Hospital
  - 10 patient transport vehicle
- Peaked in Mid April with over 1,100 COVID+ patients at MMC
Admissions vs Live Discharges
COVID Isolation

- Contact and Droplet-for non AGP
- Contact and Airborne-for AGP
CRE Outbreak on ICU Surge Unit

- All patients were on CONTACT for COVID
- Staff unable to tell who has MDROs
- Spread of NDM CRE across 2 hospitals
  - Majority of patients were from home
  - Without extensive medical histories
COVID Isolation Solution

- SPP w/o AGP

- SPP w/ AGP
PPE Supply Problems

- Shortages of N95
  - Fit testing obstacles
  - Extended use

- Shortages of ABHS
  - Refilling wall mounted dispensers

- Shortages of gowns
  - Reuse
  - Extended Use
  - Limiting times entering room/Pumps outside room/Use of Baby Monitors

- Shortages of cleaning supplies
  - Different contact times
PPE/Supply Problems

- Dialysis Supplies
- Dialysis Rooms
  - Used PD on patients
CLABSI

- Increase in line days
- Increase in stay
- Majority of patients had pneumonia
- Candida, Enterococcus, and Staph epi bloodstream infections
CAUTI

- Increase in foley days
- Did not see an increase in CAUTI infection
- Did not push bladder scanning protocol
- Did not push CIC
HO C. Diff

- Decrease in tests sent
- Decrease in HO cases identified
- Increased abx
HO CRE

- Increase HO CRE cases
- Increase in NDM CRE cases
- Clusters identified in Surge ICU units
Exposures

- Community COVID rates lowered began exposure workups
- Consumed huge amounts of time
- OHS could not support phone calls
- IPC began making phone calls for visitors, patients, and HCW
- Furlough exposed staff for 14 days
- Furlough exemptions for some HCW/locations
Issues still in Progress

- Open Bay Dental Dental
- Pre-Procedure Testing
- Routine Testing of Extended Stay Patients
- FluVID testing, isolation, patient placement
Thank You

Essential workers trying to process the 35th policy change in the last 3 weeks