Memorial Regional Hospital

Hollywood, Florida

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CLINICAL MANAGEMENT

*The Second Surge*

- Median age lower
- Ambulatory volume greatest increase (300%)
- ICU LOS and Mortality rates significantly improved
- ED physicians increased comfort level with “happy hypoxia”
- NC → NRB/NC → HFNC → Ventilator
- HFNC (Vapotherm/Optiflow) + Proning significantly reduced intubations
CLINICAL CHALLENGES
The Second Surge

• Admission guidelines:
  • High clinical suspicion
  • O2% < 93
  • CXR with bilateral infiltrates
  • Multiple co-morbidities (Obesity, HTN, DM, immunosuppressed or chronic lung disease)

• Plenty of ventilators but not enough HFNC devices
• Need more oxygen tanks than you think
OPERATIONAL CHALLENGES

Second Surge

• Manpower most important asset
  • Mental toll significant
  • Daily adjustments of responsibilities
  • COVID infections
• Demand for ambulatory testing – “The Tent”
• Hot zone and “warm zone” in ED
• PPE supply strain – use of elastomeric masks with P100 filters
• Leadership must be present
There are 172 COVID+ patients; 24 in ICU (18 ventilated); 3 ECMO
ED TO ADMIT VOLUME: 87
OVERALL ED VOLUME: 383
ED TENT VOLUME: 202
Total Inpatient Census: 604
Inpt/Obs MRH COVID-related discharges to date: 587

*Report reflects volumes for 7/14