Uncharted Territory
I’m Scared Too!

BUT

I wouldn’t want anyone else but YOU taking care of my Mom or Dad
Thank you Kwame!

• With expertise, guidance and vision developed a COVID Team
  • More info to come
• Created space for “group meetings”
• Leads us from the front!
KWAME'S COVID TEAM

Communications

Clinical Info (R&D)

Information Technology

Morale
Burnout Prevention
Emotional Support

Logistics

Manpower/Staffing
## TMH Surge Plan

### Surge Plan by Chart

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Unit name</th>
<th>Base beds</th>
<th>Surge 1</th>
<th>Surge 2</th>
<th>Surge 3</th>
<th>Surge 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Med/Surg</td>
<td>Outpatient Cancer Center (3rd Floor) / Fain Building</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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</tr>
<tr>
<td>Med/Surg</td>
<td>M/S (4th Floor) / 4-West, Building C</td>
<td>30</td>
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<tr>
<td>Med/Surg</td>
<td>M/S (4th Floor) / 4-B Main</td>
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<tr>
<td>Med/Surg</td>
<td>M/S (4th Floor) / 4-East Main</td>
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<tr>
<td>Med/Surg</td>
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<td>47</td>
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<td>Med/Surg</td>
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<tr>
<td>Med/Surg</td>
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<tr>
<td>Med/Surg</td>
<td>Outpatient Noninvasive Vascular &amp; Echo Lab (1st Floor) / Main Building</td>
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<tr>
<td>Med/Surg</td>
<td>M/S (3rd Floor) / North Baxt</td>
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<tr>
<td>Med/Surg</td>
<td>Cath Lab Services (1st Floor) / Main</td>
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<tr>
<td>Med/Surg</td>
<td>CCU (2nd Floor) / Main Building</td>
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<tr>
<td><strong>non-ICU Total</strong></td>
<td></td>
<td><strong>202</strong></td>
<td><strong>224</strong></td>
<td><strong>250</strong></td>
<td><strong>303</strong></td>
<td><strong>344</strong></td>
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</tbody>
</table>
## TMH Surge Plan

<table>
<thead>
<tr>
<th>Unit Type</th>
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<th>Surge 3</th>
<th>Surge 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICU/OR</td>
<td>SCU (2nd Floor) / Main</td>
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<tr>
<td>ICU/OR</td>
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<td>ICU/OR</td>
<td>Outpatient Endoscopy (1st Floor) / Main Building</td>
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<td>Surgical Services (2nd Floor) / Baxt</td>
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<tr>
<td>ICU/OR</td>
<td>Cath Lab Services (1st Floor) / Main</td>
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<td></td>
<td></td>
<td>3</td>
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<td><strong>Total</strong></td>
<td></td>
<td>45</td>
<td>45</td>
<td>91</td>
<td>103</td>
<td>138</td>
</tr>
</tbody>
</table>

| Total Base Beds: | 247 | 269 | 341 | 406 | 482 |
RI Predictions

**Hospital resource use**

18 days until peak resource use on April 20, 2020

**Resources needed for COVID-19 patients on peak date**

- All beds needed: 811 beds
- All beds available: 796 beds
- Bed shortage: 16 beds

- ICU beds needed: 123 beds
- ICU beds available: 41 beds
- ICU bed shortage: 82 beds

Invasive ventilators needed: 99 ventilators

Source: IHME
RI DOH Predictions

• 30% infection that = 300,000 patients.
• 20% will be sick mod/severe disease = 60,000
• Spread that over 6 weeks (if lucky) = 10,000 pt/week in RI hospitals
• Average LOS 10-14 days depending on severity
• For perspective 2,424 licensed beds in RI per day

• To that END... Staff to the Surge Plan
Staffing Dogma based on Available Data

- 7 on, 7 off
  - Builds in good amount of recovery
  - It has been requested that we move teaching in this direction; gives us greater flexibility (we will need help to do that)

- Patient care load – 1:16
  - PRESERVE for as long as possible
Built in Surge Capacity

• HOT/FM teaching
• Back-ups
• Non-Clinical Staff
• Vacation
We are NOT alone

• LPG
• Department of Medicine
• General Surgery Attendings
Ok so what will I be asked to do?

• Stay flexible and understanding in constantly changing environment

• Decisions are being made in an imperfect environment with imperfect information
  • Hindsight is 20/20
  • We may wish we did things differently later

• Stay Local

• Do not take on extra clinical responsibilities
  • WE NEED YOUR EXPERTISE!!!
Possibilities – NOT set in stone

• Give up Vacation Time
• Give up Non-Clinical Time
• Extra Shifts
• Increased Patient Volumes
• ICU bed coverage with Pulmonary Supervision
Will I have to see COVID pts?

• There are a group of COVID volunteers
  • If you are interested in joining that group let Kwame know

• If we surge to level 3 it is anticipated that our hospital will be nearly 100% COVID pts.

• Individual concerns about this expectation should be directed to our COVID support team which will be published on Monday.