

COVID-19 Provider Townhall

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Agenda

- Brief overview
- Resources
- Q&A

Caveat

- Evolving situation
- There is a lot we don't know

Brief Overview

- COVID-19
- Severe acute respiratory syndrome coronavirus 2
- Zoonotic
- Initially in China @ end of December
- First US case in Seattle @ mid January
- Now in all 50 states

Brief Overview

- Total world cases: 409,014
- Total US cases: 50,206
- Total NY cases: 25,665
- Total Southern tier cases: 8

Brief Overview

- R_0 2-4 (slightly more than flu)
- Incubation time 4-14 days
- Fatality rate 3% (likely lower)

Symptoms

- 85% fever
- 70% cough
- 40% fatigue
- 20% dyspnea
- 15% URI
- 10% GI

Case outcomes

- 3% fatality

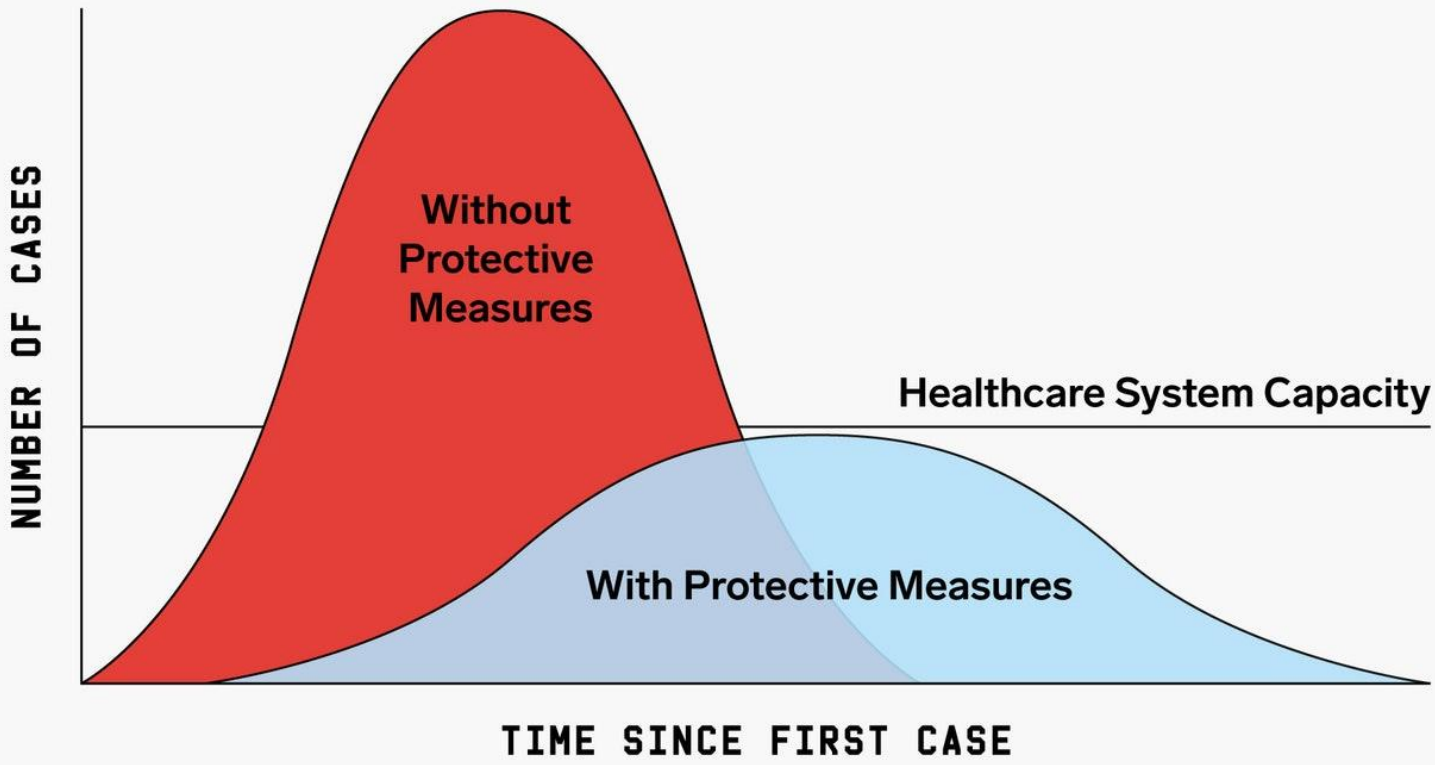
Case outcomes

- 50% asymptomatic?
- 5% critically ill
- 14% severe
- 81% mild

Case outcomes

- Most likely to die if > 80
- Very few die < 40

Brief Overview



Treatment

- No cure
- Just supportive

Limitations

- Lack of testing
 - May be lots more cases
 - Those are likely mild
- Limited supplies
- This is uncharted territory

Precautions

- High index of suspicion
- Distancing (6 feet)
- Surgical mask on patient

Precautions

- N95 or PAPR
- Eye protection
- Gloves & gown

High risk

- Anything that aerosolizes
 - Nebulizers
 - CPAP
 - CPR
 - Intubation (hopefully a little less)

Some new considerations

- Avoid those high-risk things unless absolutely necessary
- Screening of providers pre-shift
- Consideration of nontransport
- Limit who contacts patient
- Remember you can always call medical control

Resources

- <http://www.emstar.org/>
- <https://www.stremscouncil.com/>
- <https://www.health.ny.gov/professionals/ems/policy/policy.htm>
- <https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-for-ems.html>
- County health departments

Question and answer session