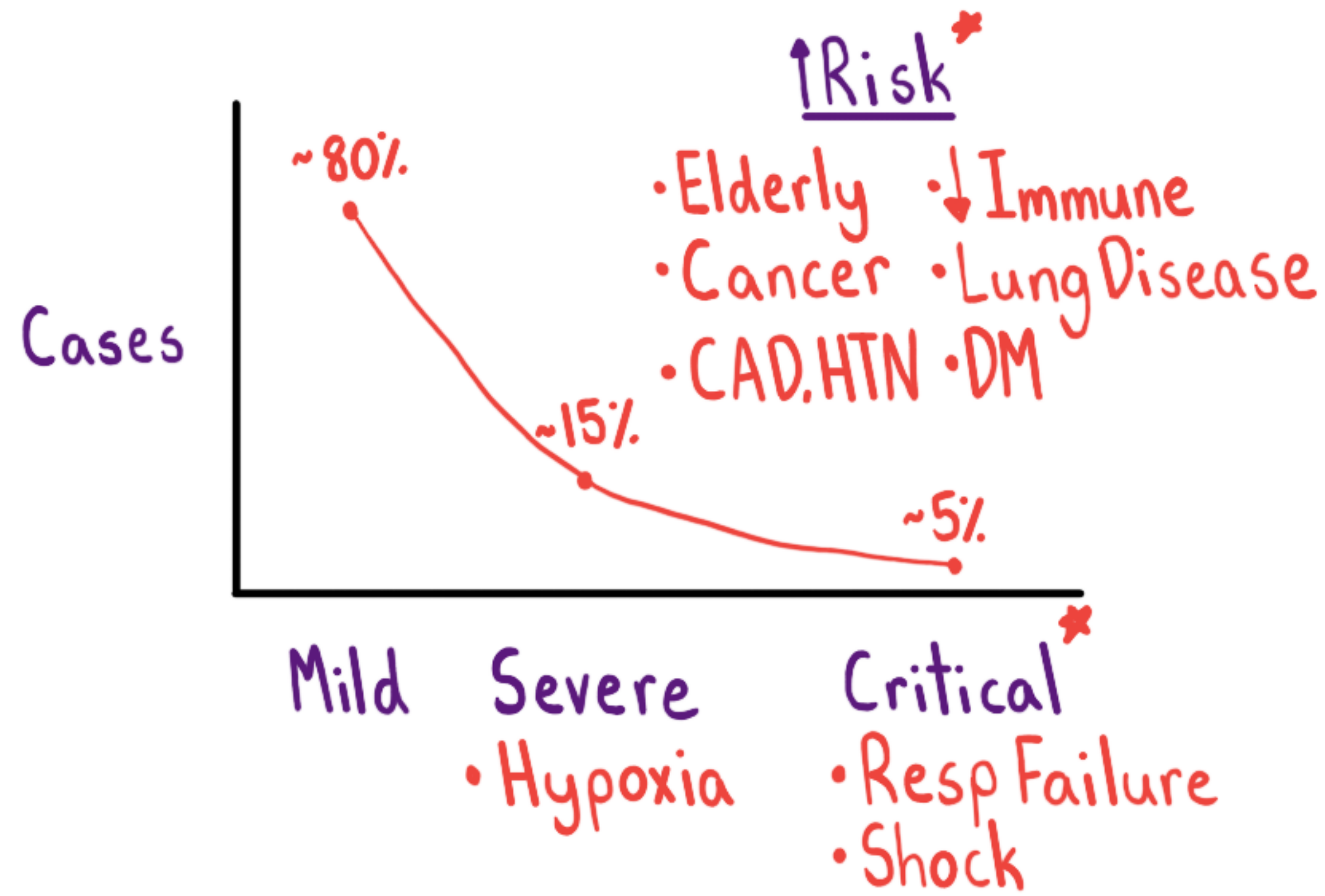


# COVID-19 <sup>3-18-2020</sup>



## ILLNESS SEVERITY



## SYMPTOMS

- Fever (+/- Early, 94%), Dry Cough (80%)
- GI (Diarrhea)
- Fatigue (20%), Sputum (20%)
- Dyspnea (After ~7 days)
- Anorexia, Myalgia, Myocarditis
- Less Common: -Headache -Sore Throat -Rhinorrhea

## DIAGNOSIS

- CT-Chest, ↑↑Sensitivity: Multiple Lobes, Periphery
- Ground Glass (1<sup>st</sup> Sign)
- Consolidation
- Crazy Paving
- ↓Prob: Effusion, Cavity, LAM

### POCUS

- Pleural Line Thickening
- B Lines, A Lines (Recovery)
- Consolidations

### PCR: Diagnostic

↑Sens BAL, Sputum, Nasal Swab  
 ↑Transmission Risk

## LABS

- WBC Variable
- ↓Lymphocyte (70%)
- Procal <0.1 (70%)
- D-dimer >1 (42%)
- ↑ALT (30%)

## RECOVERY TIME

- Mild Cases: ~2wk
- Severe Cases: ~6wk

## TREATMENT

- Supportive
- Pronation
- Social Distancing

### Promising

- Remdesivir
- Tocilizumab
- Chloroquine
- Hydroxychloroquine
- Vaccine (>1yr Away)