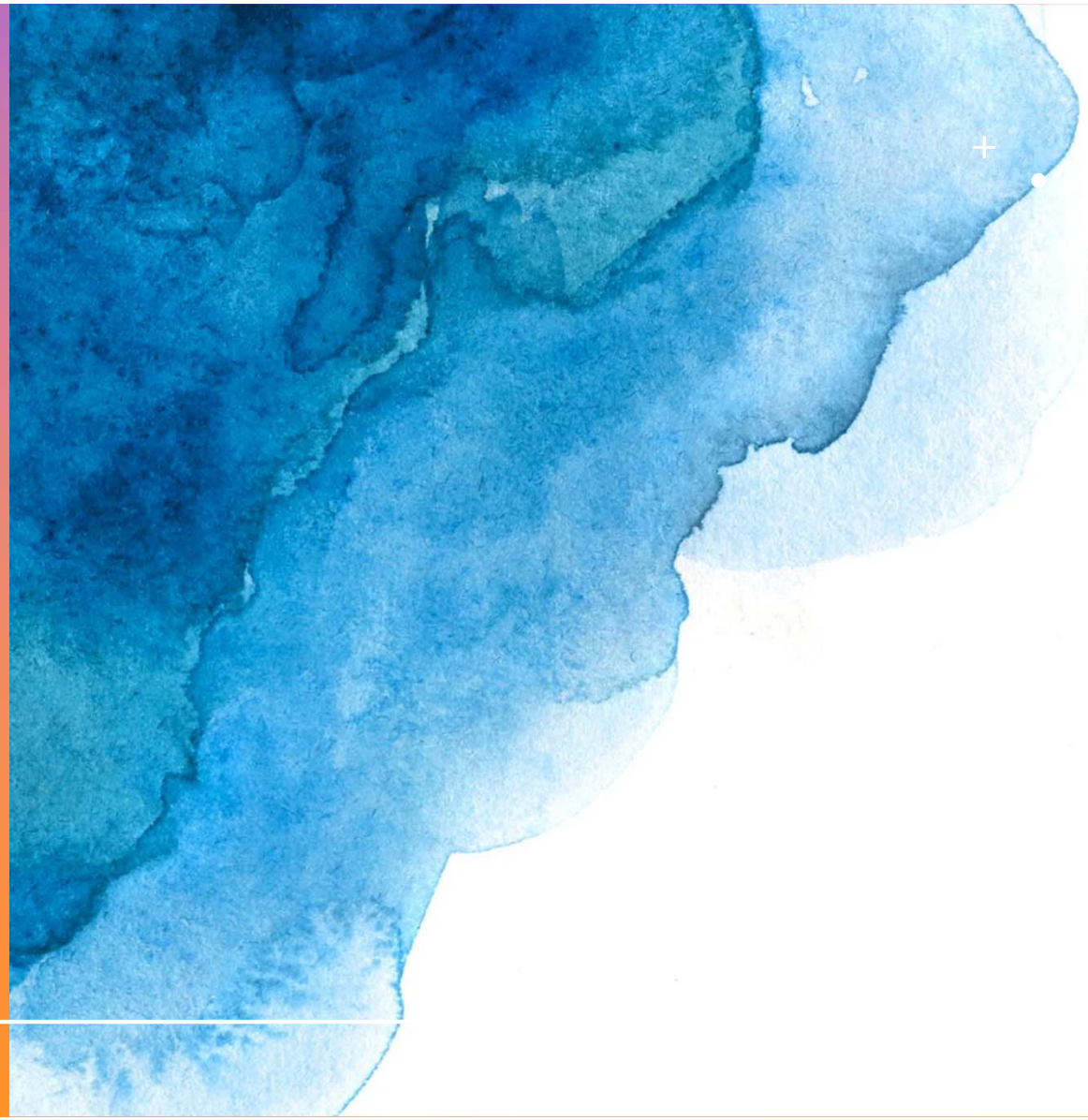
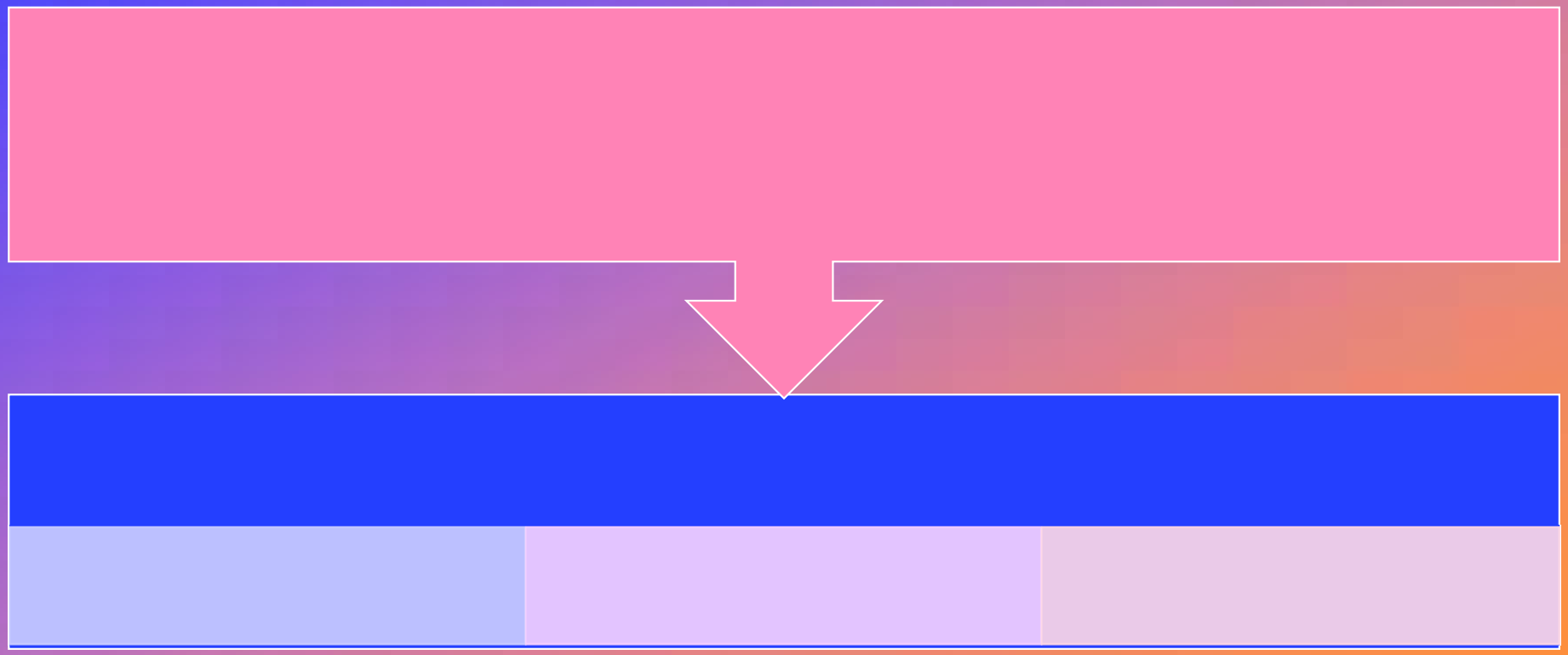
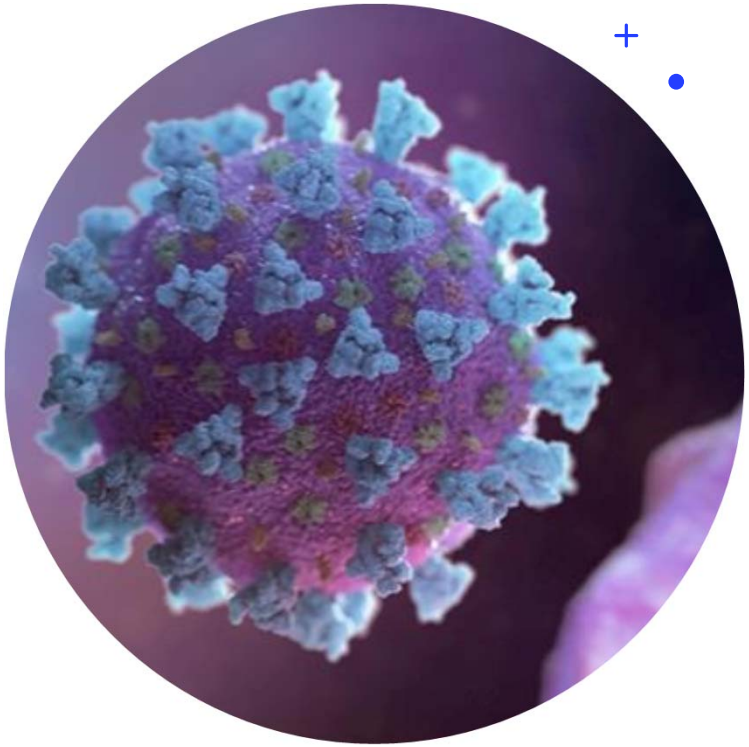
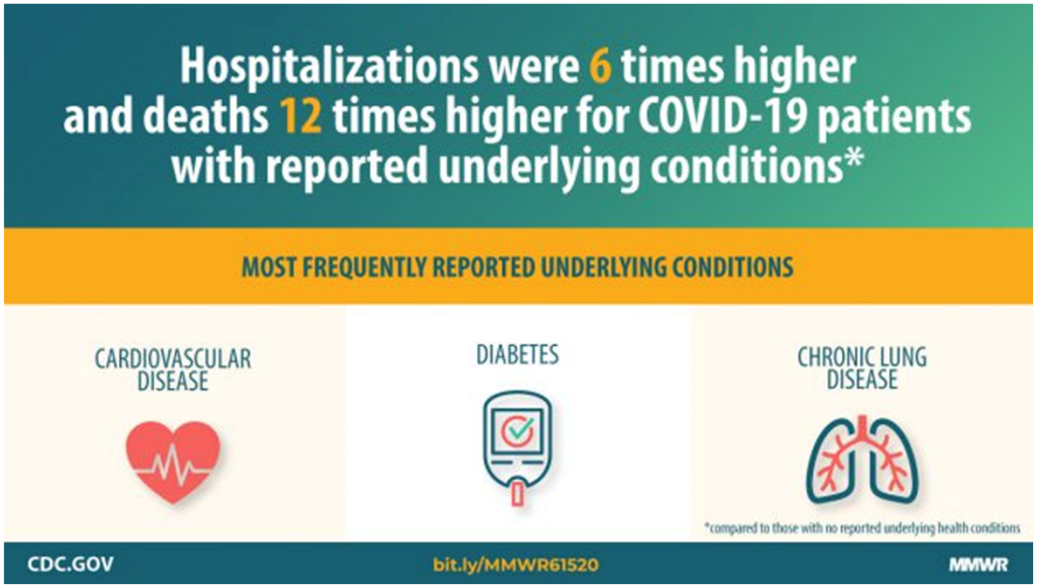




-
  -
  -
  -
  -
  -
-
  -



-
-
  -
  -
  -


Hospitalizations were 6 times higher and deaths 12 times higher for COVID-19 patients with reported underlying conditions*
MOST FREQUENTLY REPORTED UNDERLYING CONDITIONS
CARDIOVASCULAR DISEASE
DIABETES
CHRONIC LUNG DISEASE
*compared to those with no reported underlying health conditions
CDC.GOV
bit.ly/MMWR61520
MMWR

Global, regional, and national estimates of the population at increased risk of severe COVID-19 due to underlying health conditions in 2020: a modelling study

*Andrew Clark, Mark Jit, Charlotte Warren-Gash, Bruce Guthrie, Harry H X Wang, Stewart W Mercer, Colin Sanderson, Martin McKee, Christopher Troeger, Kanyin L Ong, Francesco Checchi, Pablo Perel, Sarah Joseph, Hamish P Gibbs, Amitava Banerjee, Rosalind M Eggo, with the Centre for the Mathematical Modelling of Infectious Diseases COVID-19 working group**

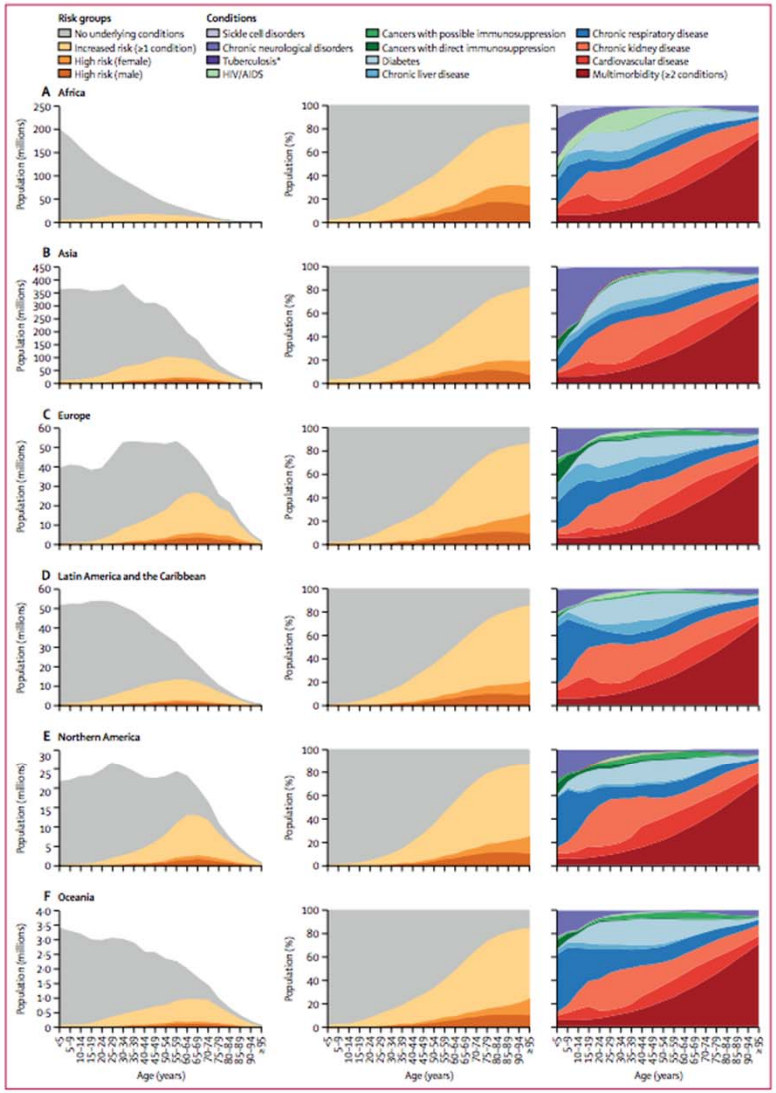
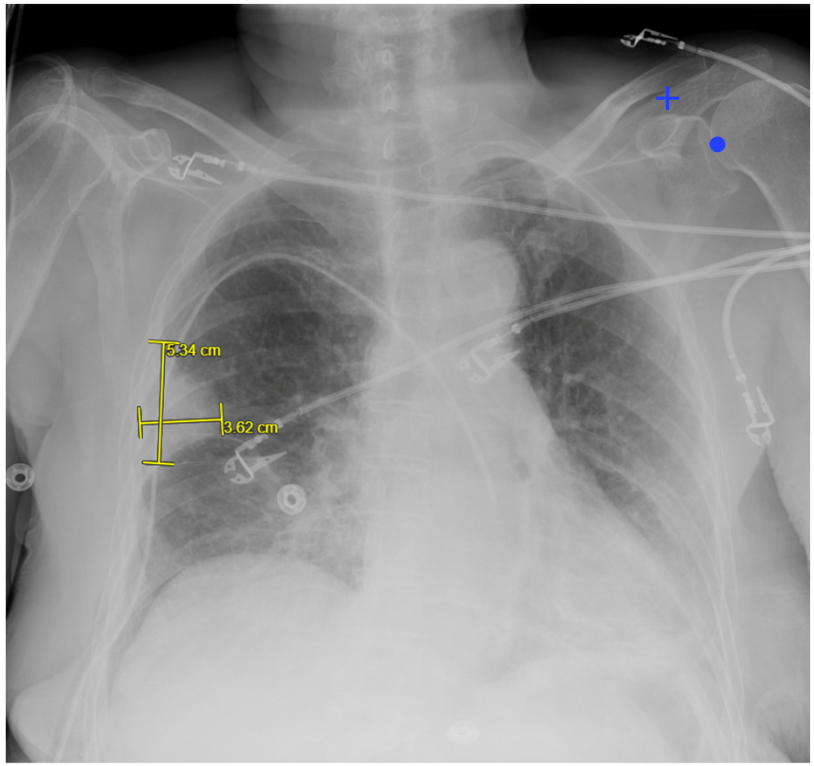


Figure 2: **Number and percentage of population at increased risk and high risk of severe COVID-19 by age and region; and distribution of underlying conditions by age and region**
Each row of graphs presents data for a UN geographical region. The first and second columns show the number of individuals and percentage share of the population, respectively, in each risk group by age, with those at high risk divided into females and males. The third column shows the distribution of the 11 underlying conditions by age, including multimorbidity as a separate category. *Excludes latent infections.

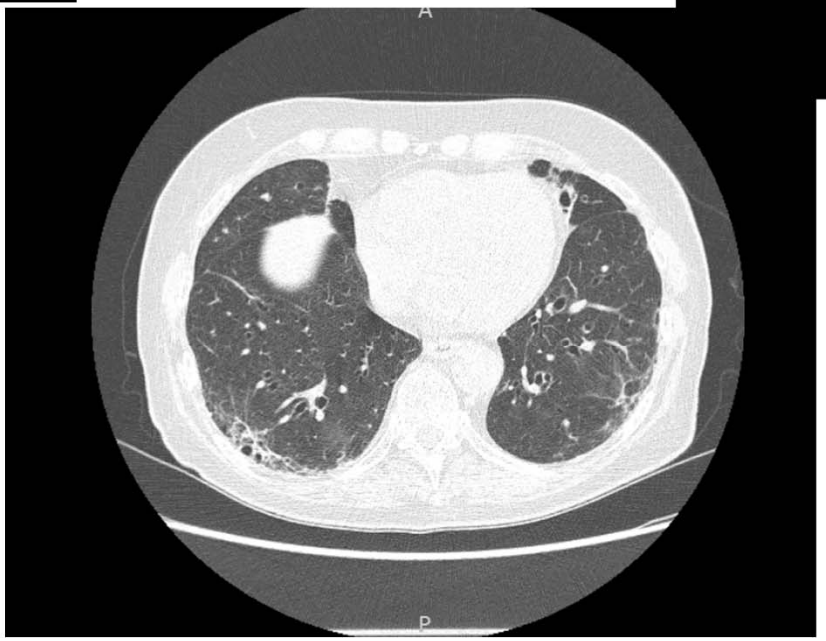
www.thelancet.com/lancetgh **Published online June 15, 2020** https://doi.org/10.1016/S2214-109X(20)30264-3

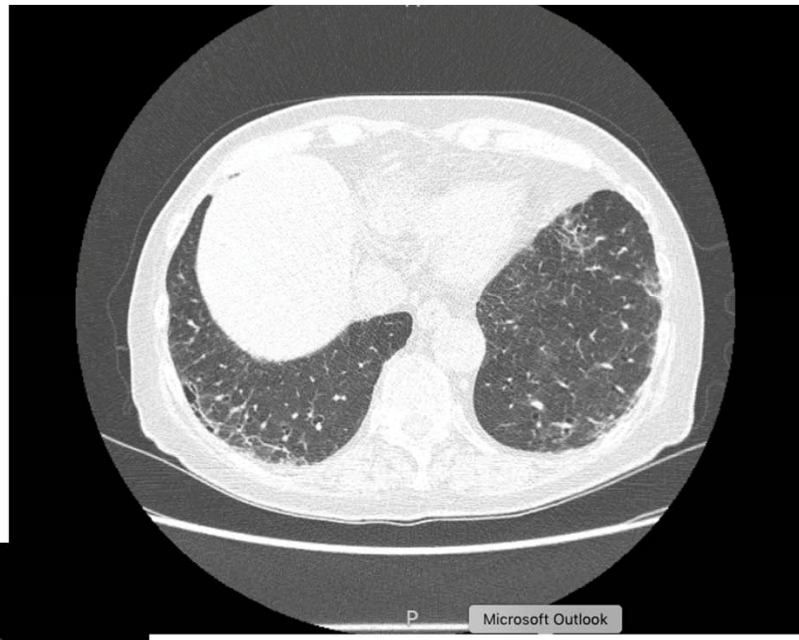
-
-

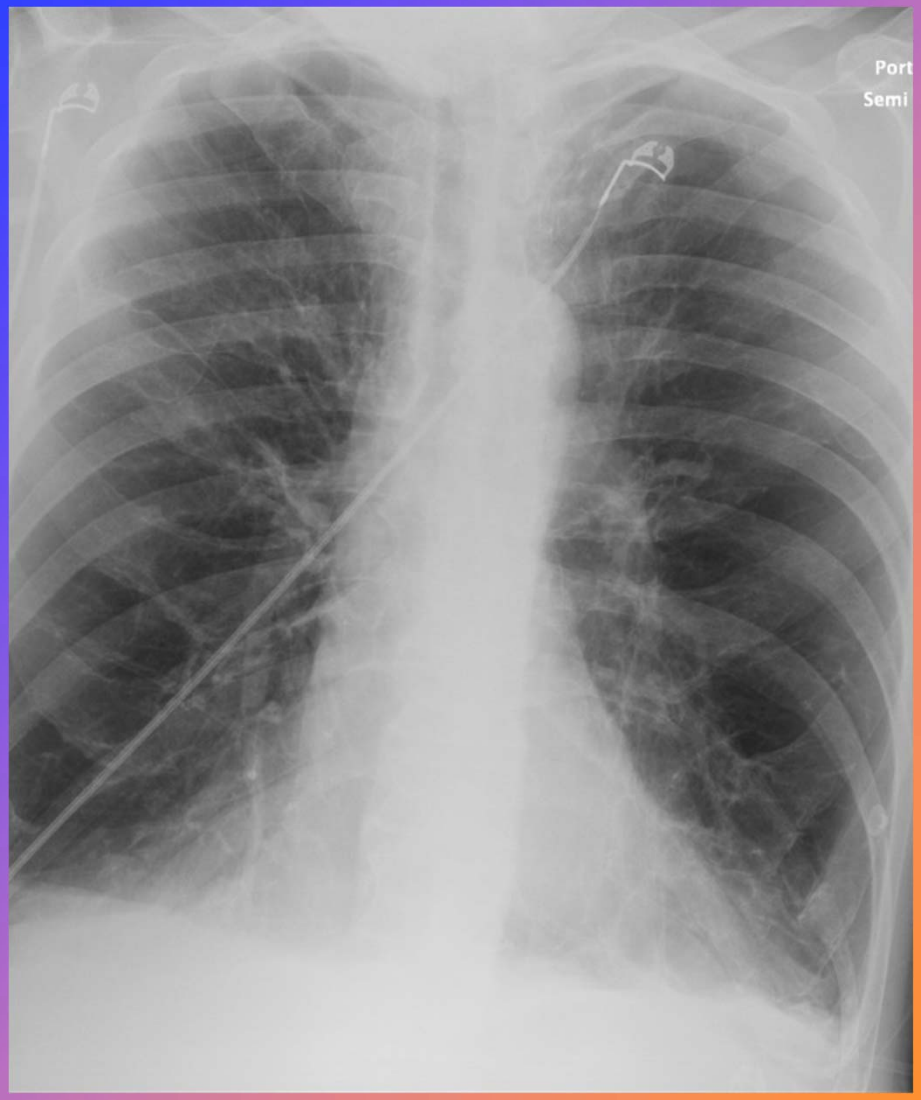

5.34 cm
3.62 cm

-
-
-

Case #1: E.B.

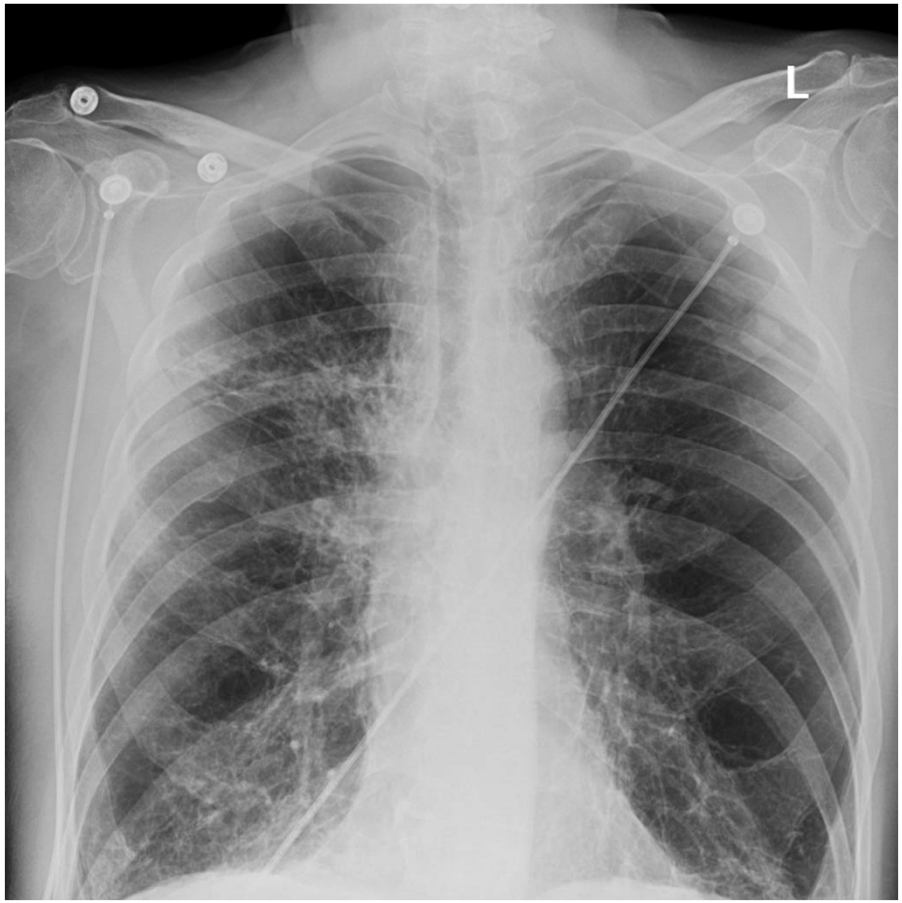


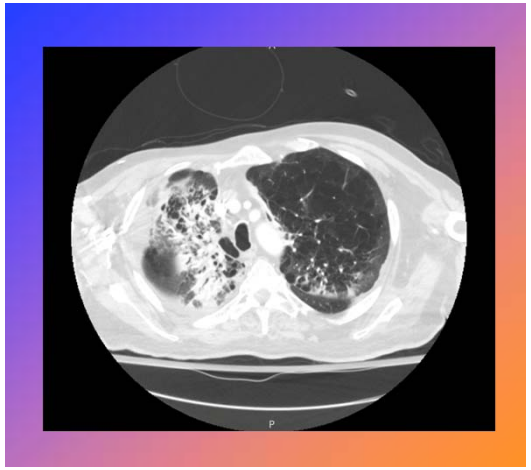


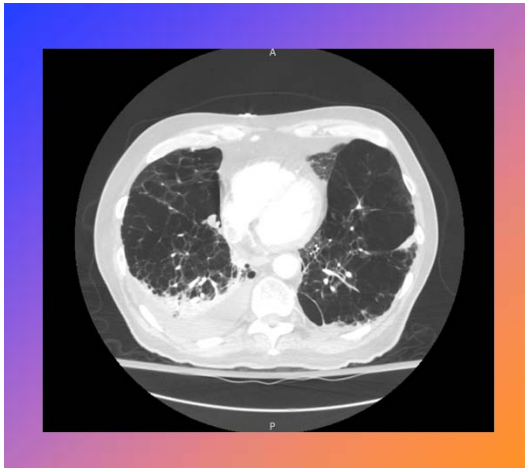

Port
Semi

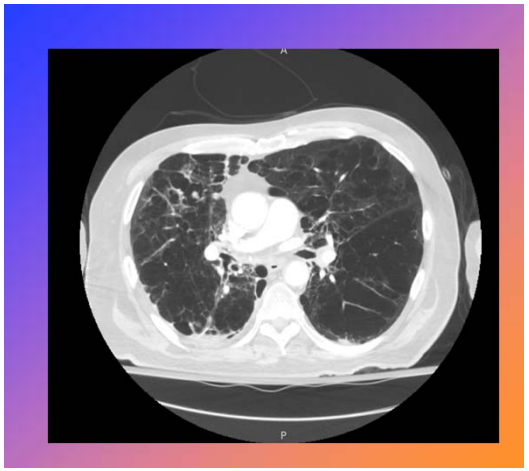
-
-
-

-
-


L

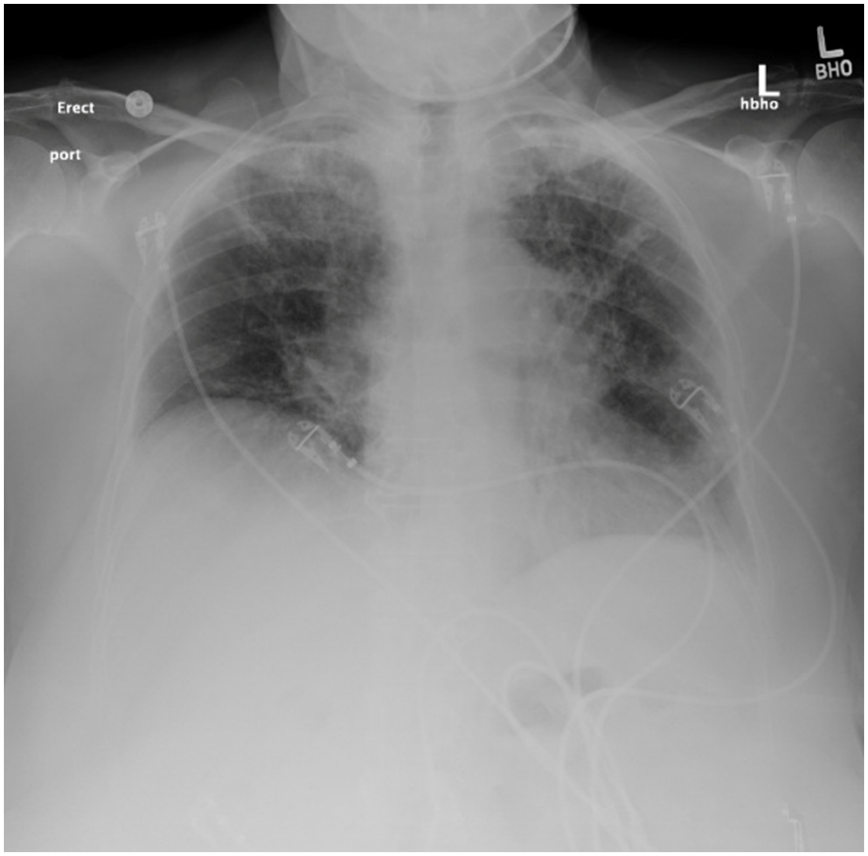




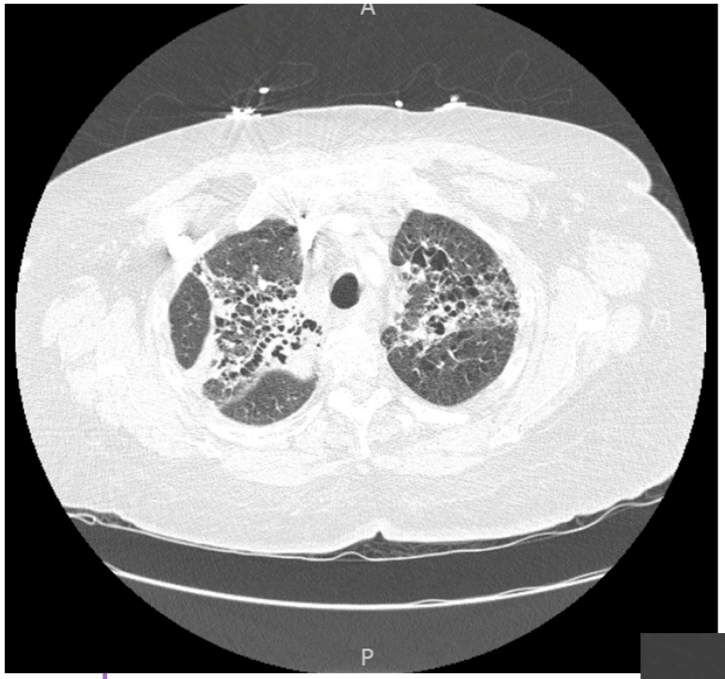


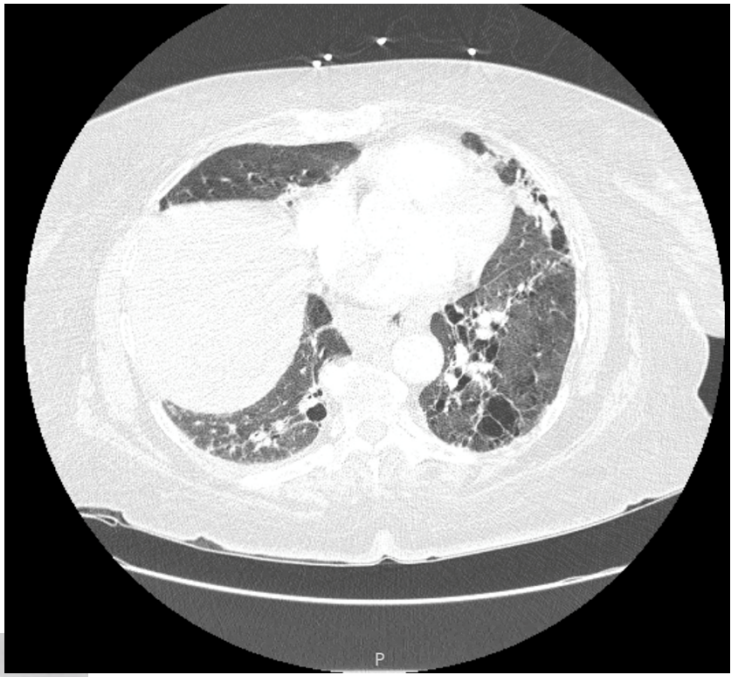
-
-
-
-

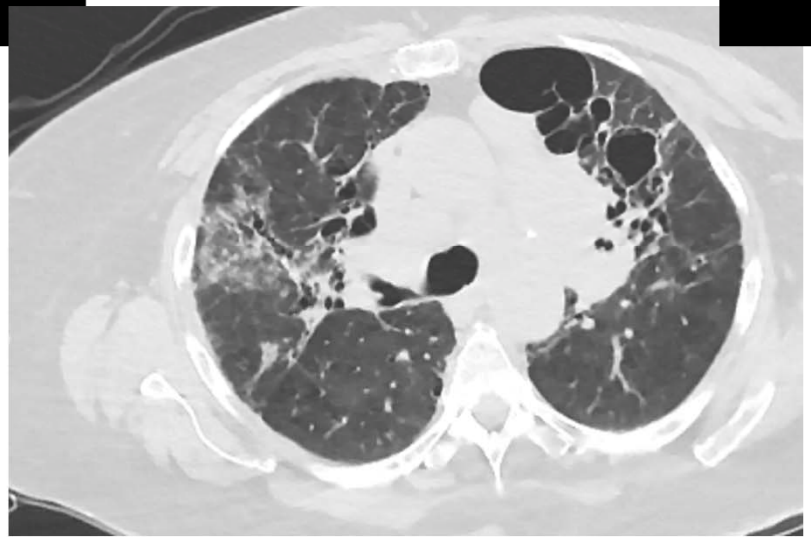
-
-
-


Erect
port
L
hbho
L
BHO

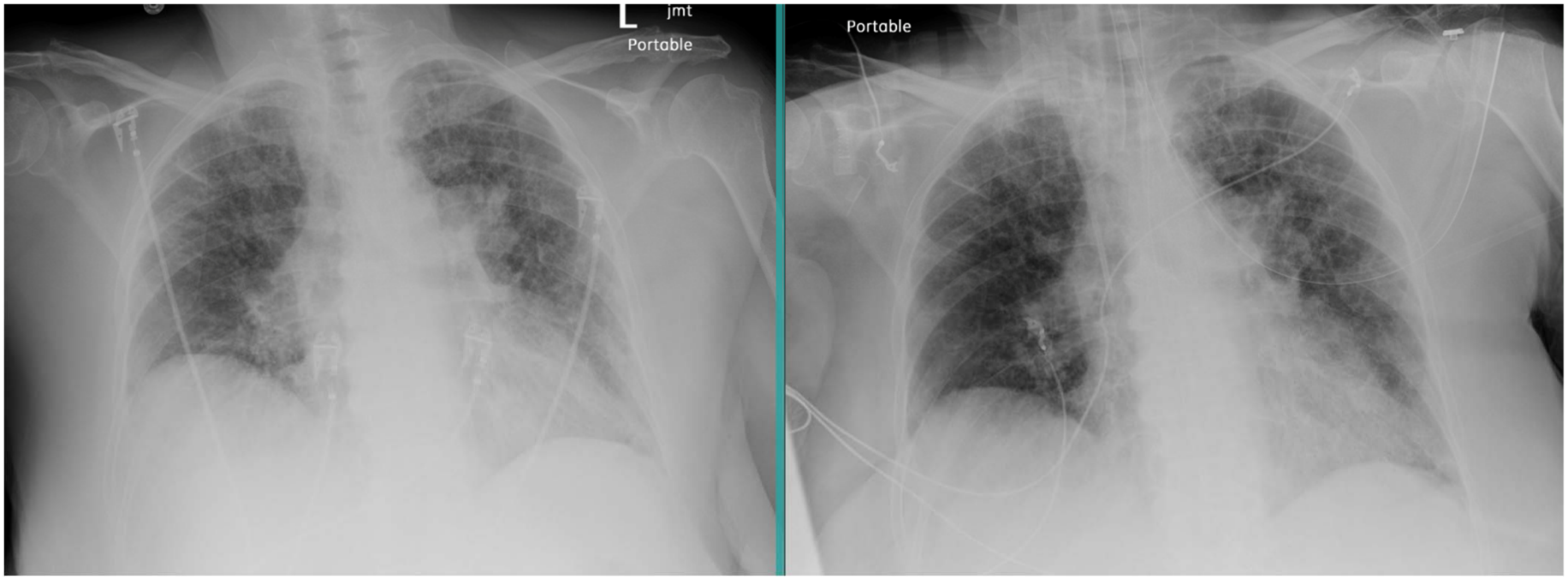
Case #3:
G.H.

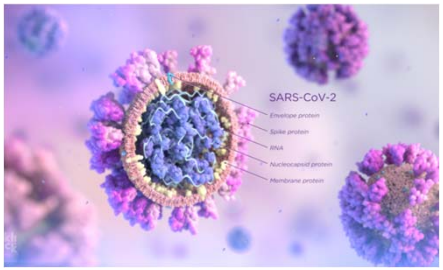






-


jmt
Portable
Portable


SARS-CoV-2
Envelope protein
Spike protein
RNA
Nucleocapsid protein
Membrane protein