



COVID-19 Update

Monday November 16th 2020

1:00 – 1:45PM



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COVID-19

Infected with SARS-CoV-2:

1. Asymptomatic illness
2. Mild illness
3. Severe illness leading to recovery or death
4. Longer term effects – Long-COVID

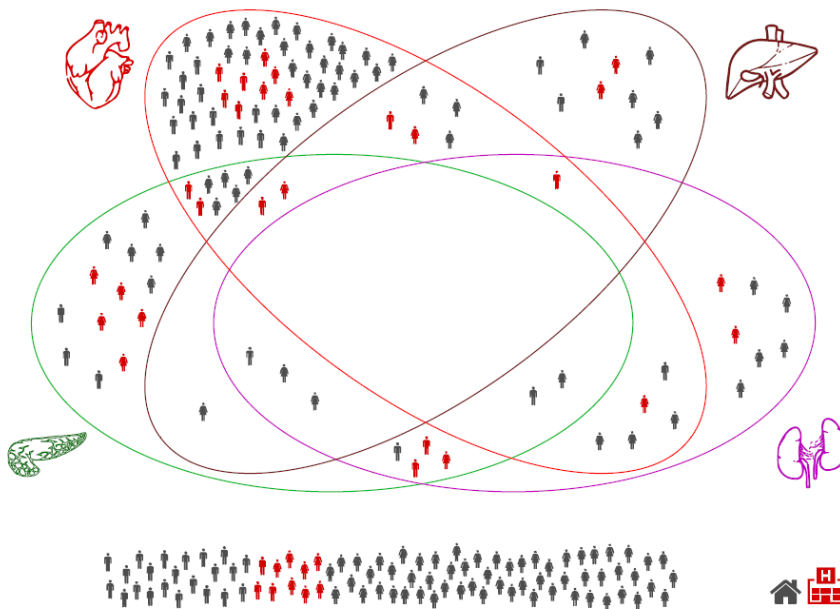
Long-COVID Syndrome

- Permanent organ damage to the lungs, heart, liver, pancreas and kidneys
- Post-intensive-care syndrome
- Post-viral fatigue syndrome
- Continuing Covid-19 symptoms



Long-COVID

Figure 3 Multi-organ impairment in low-risk individuals with long COVID by gender and hospitalisation (n=201).



Almost 70% of individuals have impairment in one or more organs four months after initial symptoms of SARS-CoV-2 infection

Long COVID

- NHS study estimated¹:
 - Hospitalized patients that 45% need ongoing support
 - Significant numbers report symptoms for a month and between 10% and 20% report complications for longer
- 1 person in 5 diagnosed with a psychiatric disorder like anxiety, depression or insomnia within three months²
- Rome Study³:
 - 87% experiencing at least one symptom 60 days after the onset on Covid19
 - 55% had three or more symptoms including fatigue (53%), difficulty in breathing (43%), joint pain (27%), and chest pain (22%) with 40% saying it had reduced the quality of their life

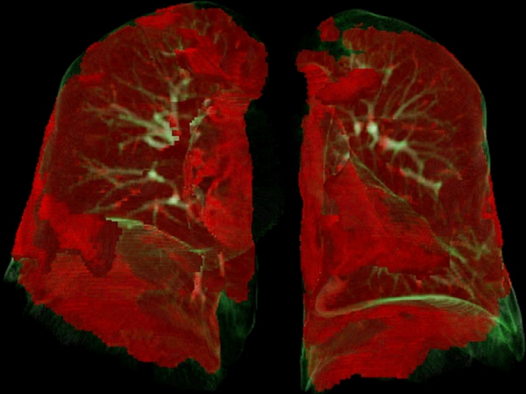
1 <https://www.bmj.com/content/371/bmj.m3981>

2 [https://www.thelancet.com/journals/lanpsy/article/PIIS2215-0366\(20\)30462-4/fulltext](https://www.thelancet.com/journals/lanpsy/article/PIIS2215-0366(20)30462-4/fulltext)

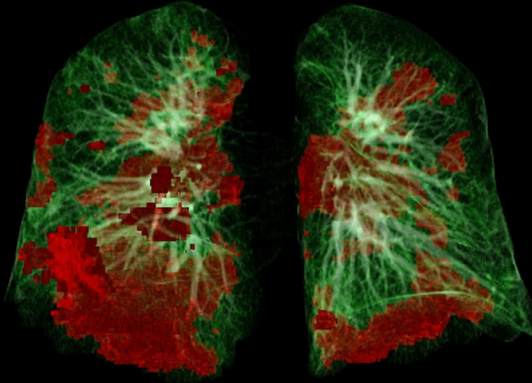
3 <https://jamanetwork.com/journals/jama/fullarticle/2768351>

Lung CT images

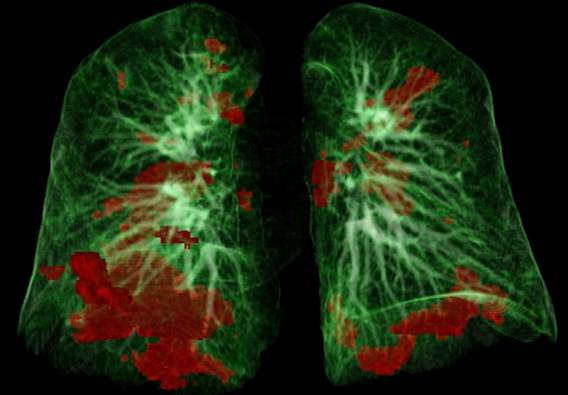
Onset of COVID-19



Six weeks after discharge



Twelve weeks after discharge





Questions