

Podcast Show Notes

COVID-19's Lingering Tail:

Long COVID's Symptom Burden and Treatment Options

The tale of havoc wrought by COVID-19 includes a tail — the persistent health effects of SARS-CoV-2 infection known collectively as Long COVID. Emerging research shows that up to <u>30% of people who survive COVID-19</u> <u>infection</u> demonstrate lingering symptoms of the disease. That's tens of thousands of patients who will potentially be seen across healthcare settings — and who will need well-informed healthcare professionals to diagnose and treat their illness.

This CE course is relevant to all healthcare professionals.

Episode 1 – Long COVID Prevention

Who gets Long COVID and why? Do masks still work as a preventive tool? What about other measures patients have heard of or tried, such as zinc or vitamin D? An expert sifts through common questions – and misconceptions.

Guest

Daniel Griffin, MD, PhD

- Physician-scientist, board certified in internal medicine and infectious disease
- Expertise in global health, tropical medicine, parasitology, virology (including SARS-CoV-2)
- Co-host of 5-star-rated podcasts, The Week in Parasitism and This Week in Virology
- Co-author of *Parasitic Diseases*, 7th edition, distributed to more than 100 countries

Host

Deborah Martin, DNP, MBA, RN, NE-BC, FACHE

- Director of Learning Innovation, Elite Learning
- Certified nurse executive and fellow of the American College of Healthcare Executives
- More than 25 years of experience in healthcare, including as system director of professional practice and development at a large healthcare system

Reviewer

Lisa Simani, APRN, MS, ACNP

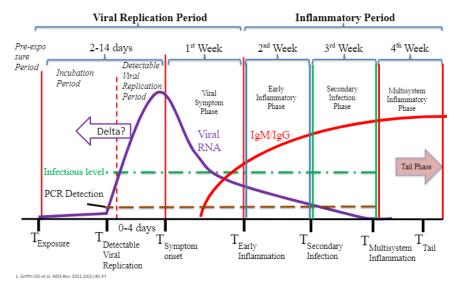
- Editor, Nurse Regulatory/Compliance Planner for Elite Learning
- 20 years of publishing experience
- Lead author of peer-reviewed articles for print- and web-based nursing continuing education provider companies

Episode Key Points

COVID-19 Stages (8:17)

- Three periods
 - o Pre-exposure period
 - o Incubation period
 - o Detectable viral replication period
- Five phases
 - o Viral symptom phase
 - o Early inflammatory phase
 - o Secondary infection phase
 - o Multisystem inflammatory phase
 - o Tail phase

COVID-19 Stages¹

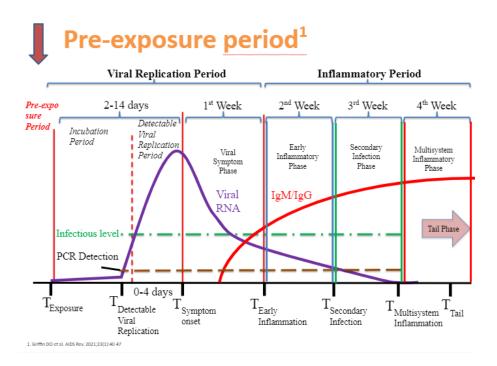


COVID-19 Pre-Exposure Period (9:47)

- Prevention
 - o Masks
 - o Physical distancing
 - o Outdoors safer than indoors
 - o Gathering size limits
 - o Handwashing and hygiene
 - o Frequent testing, even of asymptomatic people
 - o Symptom checking
 - o Vaccines

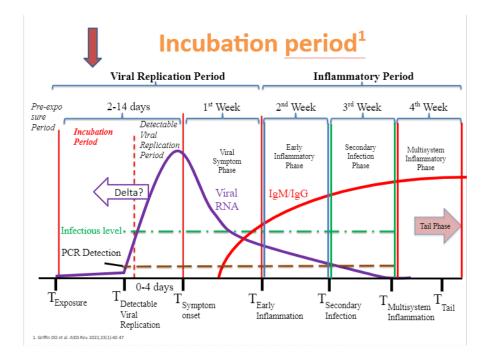
Vaccines

- o VE-I (vaccine effectiveness against infection)
- o VE-H/D (vaccine effectiveness against hospitalization and death)
- VE-LD (vaccine effectiveness against Long COVID)



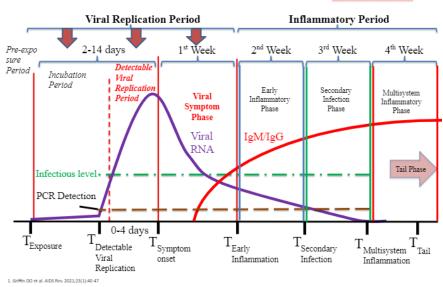
COVID-19 Incubation/Post-Exposure Period (18:40)

- Highest risk exposure: distance within 6 feet for 15 cumulative minutes, no masks, indoors with poor ventilation
- Incubation period: 2-14 days until the onset of symptoms if development of a symptomatic case



COVID-19 Detectable Viral Replication/Viral Symptom Phase (21:33)

- Helpful
- o Passive Vaccination (Monoclonals)
 - Reduction in hospitalization rates ~80%
 - Reduction in deaths
 - Unclear impact on PASC/Long COVID
 - Operationally challenging
- o Antiviral therapy
- o NSIDs (safe)
- Harmful
 - o Steroids
 - o Antibiotics
 - o Zinc



Viral replication/symptom period¹

References

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Resources

Voices of Long COVID Parasites Without Borders This Week in Virology

Email Daniel Griffin

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