

Post Acute/Long COVID: Cross Agency Communication and Collaboration

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NIH Workshop on Post-Acute Sequelae of COVID-19, Dec. 3-4, 2020

■ 1,236 attendees

■ Included participants from:

- NIH
- CDC
- WHO
- Research community
- Clinical community
- Patient community



Rationale for Workshop and Further Study:

- Enormous global burden of SARS-CoV-2 infection
 - Even a small proportion with persistent effects represents a significant public health issue
- Distinct opportunity to understand longitudinal effects following known SARS-CoV-2 infection
- Potential to lend insights towards understanding persistent effects of other known and suspected viral infections

Fundamental Gaps/Questions:

- Need common vocabulary/terminology and case definitions
- Define epidemiology (including incidence and prevalence of various phenotypes in full spectrum of patients and in diverse communities)
- Describe the various phenotypes of this condition, their clinical spectra, and their natural histories

Fundamental Gaps/Questions:

- What are the pathophysiologic mechanisms of disease?
 - Viral factors, host factors
- Identify risk factors (including comorbidities, severity of initial disease, viral and host genetics, host immune response)
- How do therapeutics given during early disease and vaccines alter outcomes?

Other Interagency and International Communication/Collaboration

- CDC and WHO participation in December workshop
- Ongoing discussion with CDC regarding:
 - Terminology
 - Case definitions
 - Potential research approach
- WHO: ICD-10 code: Post COVID Condition
- WHO Case Reporting Form for Post COVID Condition

Steps Forward

- NIH PASC Initiative
 - Initial research opportunity announcements
 - Development of a collaborative multidisciplinary research consortium to answer key questions
- Continue to engage with key stakeholders (including WHO, CDC, clinicians, patient community)
- Facilitate ongoing collaboration and knowledge sharing between workshop participants

Thank you