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