



COVID-19 Digest Issue 15

August 4, 2020

CLINICAL PEARL

- **Relatively little is known about the clinical course of COVID-19 and return to baseline health for persons with milder, outpatient illness.** According to a [new CDC Report](#), a multistate telephone survey of symptomatic adults who had a positive outpatient test result for SARS-CoV-2 infection revealed that **35% had not returned to their usual state of health when interviewed 2–3 weeks after testing. Among persons aged 18–34 years with no chronic medical conditions, one in five had not returned to their usual state of health.** It therefore appears that COVID-19 can result in prolonged illness, even among young adults without underlying chronic medical conditions. Effective public health messaging targeting these groups is warranted.

PUBLIC HEALTH UPDATE

- [FDA Issues First Emergency Authorization for Sample Pooling in Diagnostic Testing](#): FDA reissued an EUA to Quest Diagnostics to authorize its [Quest SARS-CoV-2 rRT-PCR test](#) for use with pooled samples containing up to four individual swab specimens collected under observation. The Quest test is the first COVID-19 diagnostic test to be authorized for use with pooled samples.
- [FDA Posts New Template for At-Home and Over-the-Counter Diagnostic Tests for Use in Non-Lab Settings, Such as Homes, Offices or Schools](#)

RESOURCES

- [UCSF COVID-19 Medical Grand Rounds](#) (recorded webinars)
- [Weekly CDC/IDSA COVID-19 Clinician Calls/Webinars](#) - These one-hour webinars, held Saturdays at 3 p.m. ET, focus on timely issues of relevance to clinicians and feature case presentations by experts in the field, synthesis of new data, and an opportunity to engage with colleagues. Read responses to unanswered questions and [register for next week here](#).
- [Assessment of Evidence for COVID-19-Related Treatments](#) from the American Society of Healthcare Pharmacists (constantly updated)
- [Duke Antimicrobial Stewardship Outreach Network COVID-19 Resources](#) webpage
- [COVID-19 Conversations](#) (recorded webinars) offered by American Public Health Association and National Academy of Medicine
- [LitCovid](#) – A curated literature hub for tracking up-to-date scientific information about the 2019 novel Coronavirus. It is the most comprehensive resource on the subject, providing a central access to 36495 (and growing) relevant articles in PubMed.
- San Mateo County Health Foundation [COVID-19 Frontline Update Webinar](#) with Dr. Grace Hassid

ACADEMIC/RESEARCH PAPERS

- *The Lancet*
 - [The immune system of children: the key to understanding SARS-CoV-2 susceptibility?](#)
 - [Case characteristics, resource use, and outcomes of 10 021 patients with COVID-19 admitted to 920 German hospitals: an observational study](#)
- *medRxiv*
 - [Cluster of COVID-19 in northern France: A retrospective closed cohort study](#)





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- [SARS-CoV-2 infection in primary schools in northern France: A retrospective cohort study in an area of high transmission](#)
- *Clinical Infectious Diseases*
 - [COVID-19 Outbreaks in US Immigrant Detention Centers: The Urgent Need to Adopt CDC Guidelines for Prevention and Evaluation](#)
- *JAMA*
 - [Presence of Genetic Variants Among Young Men With Severe COVID-19](#)
 - [Molecular Underpinnings of Severe Coronavirus Disease 2019](#)
 - [Serosurveillance and the COVID-19 Epidemic in the US - Undetected, Uncertain, and Out of Control](#)
 - [SARS-CoV-2 Virus Isolated From the Mastoid and Middle Ear - Implications for COVID-19 Precautions During Ear Surgery](#)
 - [Comparison of Unsupervised Home Self-collected Midnasal Swabs With Clinician-Collected Nasopharyngeal Swabs for Detection of SARS-CoV-2 Infection](#)
 - [Association of Interleukin 7 Immunotherapy With Lymphocyte Counts Among Patients With Severe Coronavirus Disease 2019 \(COVID-19\)](#)
 - [Estimation of Viral Aerosol Emissions From Simulated Individuals With Asymptomatic to Moderate Coronavirus Disease 2019](#)
- *JAMA Internal Medicine*
 - [Illness-Related Work Absence in Mid-April Was Highest on Record](#)
- *JAMA Dermatology*
 - [Enanthem in Patients With COVID-19 and Skin Rash](#)
- *JAMA Cardiology*
 - [Outcomes of Cardiovascular Magnetic Resonance Imaging in Patients Recently Recovered From Coronavirus Disease 2019 \(COVID-19\)](#)
 - [Association of Cardiac Infection With SARS-CoV-2 in Confirmed COVID-19 Autopsy Cases](#)
- *JAMA Pediatrics*
 - [Age-Related Differences in Nasopharyngeal Severe Acute Respiratory Syndrome Coronavirus 2 \(SARS-CoV-2\) Levels in Patients With Mild to Moderate Coronavirus Disease 2019 \(COVID-19\)](#)
- *Pediatrics*
 - [Early Experience of COVID-19 in a US Children' Hospital](#)
- *Nature Microbiology*
 - [Evolutionary origins of the SARS-CoV-2 sarbecovirus lineage responsible for the COVID-19 pandemic](#)
- *Family Practice*
 - [Is a COVID-19 prediction model based on symptom tracking through an app applicable in primary care?](#)
- *New England Journal of Medicine*
 - [Reopening Primary Schools during the Pandemic](#)
- *PLOS ONE*
 - [The prevalence of symptoms in 24,410 adults infected by the novel coronavirus \(SARS-CoV-2; COVID-19\): A systematic review and meta-analysis of 148 studies from 9 countries](#)
- *CDC Preventing Chronic Disease*
 - [Reaching the Hispanic Community About COVID-19 Through Existing Chronic Disease Prevention Programs](#)





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- [Symptom Duration and Risk Factors for Delayed Return to Usual Health Among Outpatients with COVID-19 in a Multistate Health Care Systems Network — United States, March–June 2020](#)
- [SARS-CoV-2 Transmission and Infection Among Attendees of an Overnight Camp — Georgia, June 2020](#)
- [Notes from the Field: Rebound in Routine Childhood Vaccine Administration Following Decline During the COVID-19 Pandemic — New York City, March 1–June 27, 2020](#)
- [Notes from the Field: Public Health Efforts to Mitigate COVID-19 Transmission During the April 7, 2020 Election — City of Milwaukee, Wisconsin, March 13–May 5, 2020](#)
- [Characteristics and Outcomes of Contacts of COVID-19 Patients Monitored Using an Automated Symptom Monitoring Tool — Maine, May–June 2020](#)

HOT OFF THE (LAY) PRESS

- *Time*
 - [As the School Year Approaches, Education May Become the Pandemic’s Latest Casualty](#)
- *NPR*
 - [Teachers Union OKs Strikes If Schools Reopen Without Safety Measures In Place](#)
- *The New York Times*
 - [What Will Schools Do When a Teacher Gets Covid-19?](#)
 - [‘Online School Is Not the End of the World’](#)
 - [Children May Carry Coronavirus at High Levels, Study Finds](#)
 - [12 People in a 3-Bedroom House, Then the Virus Entered the Equation](#)
 - [73,400 New Coronavirus Cases in U.S., Nearing Single-Day Record](#)
 - [Coronavirus Infections Much Higher Than Reported Cases in Parts of U.S., Study Shows](#)
 - [After Plummeting, the Virus Soars Back in the Midwest](#)
 - [Miami Marlins Outbreak Postpones 2 Games and Rocks M.L.B.’s Return](#)
 - [The Rise in Testing Is Not Driving the Rise in U.S. Virus Cases](#)
 - [‘It’s Like Groundhog Day’: Coronavirus Testing Labs Again Lack Key Supplies](#)
 - [Contact Tracing Is Failing in Many States. Here’s Why](#)
 - [Hoping to Understand the Virus, Everyone Is Parsing a Mountain of Data](#)
 - [How Massage Therapists Are Adapting to the Pandemic](#)
 - [Aboard the Diamond Princess, a Case Study in Aerosol Transmission](#)
 - [Moderna and Pfizer Begin Late-Stage Vaccine Trials](#)
 - [Johnson & Johnson’s Coronavirus Vaccine Protects Monkeys, Study Finds](#)
- *The Los Angeles Times*
 - [Final test of Moderna’s coronavirus vaccine — in 30,000 volunteers — gets underway](#)
- *The Washington Post*
 - [We can control COVID-19 before vaccine by focusing core groups](#)
- *Medpage Today*
 - [COVID-19 Vax Trials; Contact Tracing in South Korea: It’s THealthWatch!](#)
- *The Economist*
 - [The hunt for the origins of SARS-CoV-2 will look beyond China](#)
- *CNN*
 - [As US passes 150,000 coronavirus deaths, experts at Johns Hopkins call for reset in national response](#)
 - [Google will let employees work from home until at least next summer](#)





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- *Reuters*
 - [Why COVID-19 is killing U.S. diabetes patients at alarming rates](#)
 - [Spain to roll out COVID-19 app twice as effective as human tracers in pilot](#)
- *The Mercury News*
 - [Here's each state's status in regard to the White House exit strategy for COVID-19](#)
- *San Francisco Chronicle*
 - [Alameda County's coronavirus cases soar past 10,000, with Oakland party-goers infected most](#)
 - [Stanford's new coronavirus testing method could significantly speed up efforts to identify cases](#)

EPIDEMIOLOGY UPDATES

- **US Leads the World in Confirmed COVID-19 Cases** per [Johns Hopkins University Center for Systems Science and Engineering Dashboard Website](#)
- **California COVID-19 by the numbers** are available on the [CDPH Website](#) and the [NYT Map and Table](#) (includes data by county)
 - **California [COVID-19 Statewide Update](#) as of August 4, 2020**
- **[San Mateo County COVID-19 Dashboard](#)**
 - **[San Mateo County Metric Scorecards – Public Health Indicators for Assessing Progress on Containing COVID-19](#)**
- **[Santa Clara County COVID-19 Dashboard](#)**

ADDITIONAL COVID-19 RESOURCES

- [Palo Alto Online tracking the coronavirus in San Mateo and Santa Clara counties](#)
- [COVID-19 California Statewide Case Statistics](#)
- [CDPH COVID-19 Assessment and Modeling Tool](#)
- [California Department of Corrections and Rehabilitations Population COVID-19 Tracking Dashboards](#)
- [COVID-19 Nursing Home Data](#)
- [CDC Interactive Serology Dashboard for Commercial Laboratory Surveys](#)
- [HHS Coronavirus Data Hub](#)

