DICON COVID-19 Weekly Digest 6/15/2020
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What’s New on DICON?
June 9, 2020 Webinar Recording: COVID-19 Q&A Session with Dr. Sexton & Dr. Advani

Duke Updates:
The following documents are new or were updated last week:
- [Criteria for Discontinuation of Special Airborne Contact Isolation](#)
- [Patient & Visitor Masking Reference Sheet](#)

Notable articles related to SARS-COV-2 Epidemiology, Transmission and Infection Prevention:
MMWR:
- [First Reported Cases of SARS-CoV-2 Infection in Companion Animals — New York, March–April 2020](#)

JAMA:
- [The Dual Epidemics of COVID-19 and Influenza: Vaccine Acceptance, Coverage, and Mandates](#)
- “Abandoned” Nursing Homes Continue to Face Critical Supply and Staff Shortages as COVID-19 Toll Has Mounted
- [The Importance of Proper Death Certification During the COVID-19 Pandemic](#)
- [Sustaining Rural Hospitals After COVID-19: The Case for Global Budgets](#)

ICHE:
- [The Prevalence of SARS-CoV-2 IgG Antibodies in Intensive Care Unit (ICU) Healthcare Personnel (HCP) and its Implications - A Single-Center, Prospective, Pilot Study](#)
- [Adverse Effects of Nasopharyngeal Swabs: 3-D Printed Versus Commercial Swabs](#)
- [A Framework for Nosocomial Transmission of Emerging Coronaviruses](#)
- [Lessons learned responding to the COVID-19 pandemic](#)
- [Risk following a SARS-CoV-2 exposure from a nocturnal hemodialysis patient utilizing continuous positive airway pressure (CPAP)](#)
• RT-PCR tests for SARS-CoV-2 processed at a large Italian Hospital and false negative results among COVID-19 confirmed cases
• Using air purifier as a supplementary protective measure in dental clinics during the COVID-19 pandemic
• Delayed Recognition of Community Transmission of COVID-19 Resulting in Healthcare Worker Infections
• Air and environmental sampling for SARS-CoV-2 around hospitalized patients with coronavirus disease 2019 (COVID-19)
• Re-purposing Antimicrobial Stewardship Tools in the Electronic Medical Record for the Management of COVID-19 Patients

Lancet:
• Correction to Lancet Infect Dis 2020; 20: 533–34 An interactive web-based dashboard to track COVID-19 in real time.
• SARS-CoV-2 shedding and seroconversion among passengers quarantined after disembarking a cruise ship: a case series
• Clinical characteristics of COVID-19 in 104 people with SARS-CoV-2 infection on the Diamond Princess cruise ship: a retrospective analysis
• Asymptomatic SARS-CoV-2 infection
• Seroprevalence of anti-SARS-CoV-2 IgG antibodies in Geneva, Switzerland (SEROCoV-POP): a population-based study
• Low rate of bacterial co-infection in patients with COVID-19
• Diagnosing COVID-19-associated pulmonary aspergillosis

CID:
• Assessment of SARS-CoV-2 Transmission Among Attendees of Live Concert Events in Japan Using Contact Tracing Data
• Pandemic Planning in Homeless Shelters: A pilot study of a COVID-19 testing and support program to mitigate the risk of COVID-19 outbreaks in congregate settings
• The Laboratory Diagnosis of COVID-19-- Frequently-Asked Questions
• Occurrence and Timing of Subsequent SARS-CoV-2 RT-PCR Positivity Among Initially Negative Patients
• Can the SARS-CoV-2 PCR Cycle Threshold Value and Time from Symptom Onset to Testing Predict Infectivity?

Annals:
• Update Alert: Epidemiology of and Risk Factors for Coronavirus Infection in Health Care Workers
• When the Dust Settles: Preventing a Mental Health Crisis in COVID-19 Clinicians

Other Journals:
• Study from Wuhan showing 50% co-infection rate in 74 infected children
• Use of PPE against covid-19 by healthcare professionals in China
• COVID-19 Silver Linings
• An early test and treat strategy for SARS-CoV-2
• Spread of COVID-19 from Wuhan to rural villages in the Hubei Province
• A cluster of COVID-19 infections indicating person-to-person transmission among casual contacts from social gatherings: An outbreak case-contact investigation

Regulatory updates:
• CDC Issued guidance for public gatherings
• CDC Partner Call Monday 6/15 at 3pm addressing agriculture workers and employers
• NCDHHS has made the state data available for download, including daily case summaries (going back to 3/2/20), cases by county, zip code, and some other capacity data
• Joint Commission guidance on disaster privileging
• IDSA Statement on states re-opening
• Updated testing guidance from NC DHHS
• FDA Guidance for IRBs reviewing EUA requests during the pandemic
• CMS guidance for patients on seeking healthcare
• The state has closed the racetrack that was holding races with capacity crowds

News Updates:
• Article from the WSJ on traveling advice and current restrictions in place
• Northwestern has performed the first US lung transplant for a COVID patient
• From Yesterday: WHO reported at a press conference that based on contact tracing, asymptomatic transmission is rare. (lots of discussion they may be differentiating asymptomatic from pre-symptomatic) This was updated by the WHO yesterday afternoon
• Google maps has issued an updated that will help determine COVID-related travel restrictions – including changes in public transit and COVID check points.
• Survey of 511 epidemiologists on when they plan to resume certain activities from the NYT