

Paramedic Chiefs of Canada Webinar 5/20/21

Resources & Links

Dr. Fauci, MD & Virologist, and Director of the National Institutes of Health's National Institute of Allergy & Infectious Diseases (NIAID), since 1984, gave an opening address at the American Thoracic Society's virtual international conference on May 15, 2021. Medscape provided a synopsis of the talk, titling it, Fauci: Extraordinary Challenges, Scientific Triumphs with COVID-19. This synopsis covers the topics most on people's minds in a quick lessons-learned and challenges that still remain approach. In just a few sentences for each topic, he covers biomedical research, epidemiology of COVID-19, about the SARS-CoV-2 virus and how it's transmitted, the tests for diagnosing COVID infection, the Clinical Course, Treatments, and Vaccines for COVID. It's a great short review of the past 16 months.

Medscape – Report on Fauci's Opening at ATS – Extraordinary Challenges, Scientific Triumphs with COVID-19 (5/16/21):

https://www.medscape.com/viewarticle/951238#vp_3

Medscape also produced a comprehensive booklet on COVID-19, which is basically soup to nuts on the what is current best practice (updated on 5/14/21). Although long, section titles stand out for quick reference & choosing topics of interest. It covers lots of material.

Medscape – Comprehensive Down-to-Earth Medical Look at COVID-19 (5/14/21):

<https://emedicine.medscape.com/article/2500114-overview#a9>

Canada & US National COVID- 19 Updates:

Government of Canada – COVID-19 Update with Links to Related Resources:

<https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection.html>

CDC – COVID-19 Index Page with Links to Related Resources:

<https://www.cdc.gov/coronavirus/2019-ncov/index.html>

Canada & US National COVID- 19 Data Updates:

Government of Canada – COVID-19 Epidemiology Update with Links to Various Specific Data Resources:

<https://health-infobase.canada.ca/covid-19/epidemiological-summary-covid-19-cases.html#VOC>

CDC – COVID-19 Data Tracker with Links to Various Specific Data Resources:

<https://covid.cdc.gov/covid-data-tracker/#datatracker-home>

Specific Guidance for EMS and other First Responders:

Canadian EMS – Pictorial Guidance for EMS and First Responders:
<https://canadiem.org/covid-19-guidance-for-ems-and-first-responders/>

CDC – COVID-19 Guidance for EMS & Firefighters:
<https://www.cdc.gov/coronavirus/2019-ncov/community/organizations/firefighter-EMS.html>

EMS.gov – COVID-19 Resources for EMS:
https://www.ems.gov/projects/coronavirus_covid-19_resources.html

COVID-19 Transmission including new official acknowledgment of Airborne & Cases Supporting Airborne/Aerosol Transmission:

Health Canada – How COVID-19 Spreads:
<https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection/prevention-risks.html#h>

CDC – Science Brief – SARS-CoV-2 Transmission (5/7/21):
<https://www.cdc.gov/coronavirus/2019-ncov/science/science-briefs/sars-cov-2-transmission.html#:~:text=References-,SARS%2DCoV%2D2%20is%20transmitted%20by%20exposure%20to%20infectious%20respiratory,respiratory%20fluids%20carrying%20infectious%20virus.>

WHO – New Brief – Transmission of SARS-CoV-2 – Implications for Infection Control:
<https://www.who.int/news-room/commentaries/detail/transmission-of-sars-cov-2-implications-for-infection-prevention-precautions>

Medscape – Droplets vs. Aerosols: What's More Important in COVID-19 Spread:
<https://www.medpagetoday.com/special-reports/exclusives/92564>

MMWR -- High Rate of Spread of COVID-19 at Choir Practice in Washington State:
<https://www.cdc.gov/mmwr/volumes/69/wr/mm6919e6.htm>

JKMS – Evidence of Long-Distance Droplet SARS-CoV-2 Transmission in a Restaurant:
<https://jkms.org/DOIx.php?id=10.3346/jkms.2020.35.e415>

ACGIH – Aerosol-Related Resources & References:
[COVID-19 Resources & References - ACGIH](#)

ACGIH -- COVID & Airflow Patterns:
<https://www.acgih.org/covid-19-fact-sheet-airflow-patterns-matter/>

JAMA – Viewpoint: Airborne Transmission? What It Would Mean:

<https://jamanetwork.com/journals/jama/fullarticle/2768396>

CDC Science Brief: SARS-CoV-2 Transmission via Surfaces (Fomites) (4/5/21):

<https://www.cdc.gov/coronavirus/2019-ncov/more/science-and-research/surface-transmission.html>

COVID-19 Variants of Concern and Tracking the Evolution of SARS-CoV-2:

MedPage – How SARS-CoV-2 Started:

https://www.medpagetoday.com/special-reports/exclusives/92454?xid=nl_mpt_investigative2021-05-12&eun=q1462204d0r&utm_source=Sailthru&utm_medium=email&utm_campaign=investigativeMD_051221&utm_term=NL_Gen_Int_InvestigateMD_Active

Government of Canada – Canadian COVID Variants of Concern:

<https://health-infobase.canada.ca/covid-19/epidemiological-summary-covid-19-cases.html#VOC>

CDC – US COVID Variants & Variants of Concern:

<https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/variant-surveillance/variant-info.html#Concern>

Medscape – WHO Declares Indian Variant B.1.617 Variant of Concern:

https://www.medscape.com/viewarticle/950918?src=mkm_covid_update_210511_M_SCPEDIT&uac=369824CZ&impID=3367874&faf=1

Contagion Live – COVID-19 Variant Found in India May be More Transmissible:

<https://www.contagionlive.com/view/covid-19-variant-found-in-india-may-be-more-transmissible>

And, to the end or ebbing of one pandemic, to preparing for the beginning of another. Here are a few articles outlining how the COVID-19 Pandemic might end, by looking both at a short history of pandemics and how COVID-19 fits in, but also how we must also be looking forward to the next one. BECAUSE, THERE WILL BE A NEXT ONE.

STAT – How the COVID-19 Pandemic Ends by Looking at Other Pandemics:

<https://www.statnews.com/2021/05/19/how-the-covid-pandemic-ends-scientists-look-to-the-past-to-see-the-future/>

Medscape – Vodcast Interview & Article with Eric Topol, MD and Michael Osterholm, PhD, MPH on Imagine the Worst, or We're at Our Own Peril:

<https://www.medscape.com/viewarticle/951101>

For a peek into why we're so sure, there is a link to a story about a Novel Coronavirus that made the jump from domestic dog(s) to a few humans in Malaysia. It is still considered a canine coronavirus but close enough to make 8 people sick.

NPR – Novel Coronavirus Found in Malaysia in Sick Humans from Dogs:
<https://www.npr.org/sections/goatsandsoda/2021/05/20/996515792/a-newly-identified-coronavirus-is-making-people-sick-and-it-s-coming-from-dogs>

There are also links to Canada's & the US's Pandemic Planning for the Health Care Sector, including EMS:

Pan-Canadian Health Network – Pandemic Influenza Plan for the Health Sector (2018):
<https://www.canada.ca/content/dam/phac-aspc/migration/phac-aspc/cpip-pclcpi/assets/pdf/report-rapport-02-2018-eng.pdf>

CDC – Pandemic Planning Index Page with Links to Various Related Resources:
<https://www.cdc.gov/flu/pandemic-resources/national-strategy/index.html>