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COVID-19 Disease and Treatment

April 7, 2020

COVID-19 Monographs

**Novel Coronavirus COVID-19: An Overview for Emergency Clinicians
(February 2020)**

**Novel Coronavirus COVID-19: An Overview for Emergency Clinicians
(March 23, 2020 Update)**

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Emergency Medicine Practice EXTRA • February 2020

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What is the epidemiology data from China regarding Covid-19?

Li Lon-quan et al J Virology 2020

What factors relate to Dx and hospital admission?

Liu Chinese Med J 2020

What are the characteristics of pneumonia in covid-19 patients?

Ding J Med Virol 2020

What evidence is needed to define the epidemiology of Covid-19?

Lipsitch M et al NEJM March 23, 2020

How do viral titers relate to illness with COVID-19?

Zou et al NEJM 382;12 March 19, 2020

What are the time kinetics of Sx resolution and viral clearance?

Chang et al Kinetics Viral Clearance AJRCCM 2020

Does COVID-19 viral transmission occur after symptom resolution?

Tan Viral shedding for 49 days MedRxiv April 2020

What about NSAID use with URI during this pandemic?

Day M BMJ 368; Mar 17, 2020



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Does dual antiviral therapy improve severe patient outcomes?

Cao B et al NEJM March 24, 2020

Might azithromycin and hydroxychloroquine Rx Covid-19 patients?

Gautret et al Int J Microb Agents 2020

Can the Gautret outcomes be reproduced?

Molina et al Azithromycin, hydroxychloroquine virus clearance Med Malad Inf 2020

Why might remdesivir successfully treat Covid-19 patients?

Ko et al Int J Antimic Agents 2020

What about Rx with favipiravir?

Cai et al Engineering 2020

Favipiravir and mutagenesis in treating norvirus. What lesson learned??

Ruis NEJM 2018

How might IL6 and tocilizumab relate to covid-19 Rx??

Narazaki Int J Mol Sci 2018

Edward Sloan, MD, MPH