Updates and Controversies in COVID-19

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The Publication Soap Opera...

Cardiovascular Disease, Drug Therapy, and Mortality in Covid-19
Mandeep R. Mehra, M.D., Sapan S. Desai, M.D., Ph.D., SreyRam Kuy, M.D., M.H.S., Timothy D. Henry, M.D., and Amit N. Patel, M.D.  
May 1, 2020

Expression of concern: Hydroxychloroquine or chloroquine with or without a macrolide for treatment of COVID-19: a multinational registry analysis
The Lancet Editors
Published: June 03, 2020  DOI: https://doi.org/10.1016/S0140-6736(20)31290-3

Retraction: Cardiovascular Disease, Drug Therapy, and Mortality in Covid-19.
June 4, 2020

Retraction—Hydroxychloroquine or chloroquine with or without a macrolide for treatment of COVID-19: a multinational registry analysis
Mandeep R Mehra  •  Frank Ruschitzka  •  Amit N Patel
Published: June 05, 2020  DOI: https://doi.org/10.1016/S0140-6736(20)31324-6
Hydroxychloroquine is still not a miracle drug...

- Despite these high profile retractions, there is still no evidence of benefit in large hydroxychloroquine trials
Convalescent Plasma was underwhelming for critically ill patients...

But the trial has some promising limitations...
Asymptomatic Carriers are Real and Common...

Annals of Internal Medicine

Prevalence of Asymptomatic SARS-CoV-2 Infection
A Narrative Review
Daniel P. Oran, AM, and Eric J. Topol, MD

Asymptomatic persons seem to account for approximately 40% to 45% of SARS-CoV-2 infections, and they can transmit the virus to others for an extended period, perhaps longer than 14 days.
Masks are recommended...

Advice on the use of masks in the context of COVID-19

Interim guidance
5 June 2020

And beneficial...

Physical distancing, face masks, and eye protection to prevent person-to-person transmission of SARS-CoV-2 and COVID-19: a systematic review and meta-analysis

Derek K Chu, Elie A Akl, Stephanie Duda, Karla Solo, Sally Yaacoub, Holger J Schünemann, on behalf of the COVID-19 Systematic Urgent Review Group Effort (SURGE) study authors*