

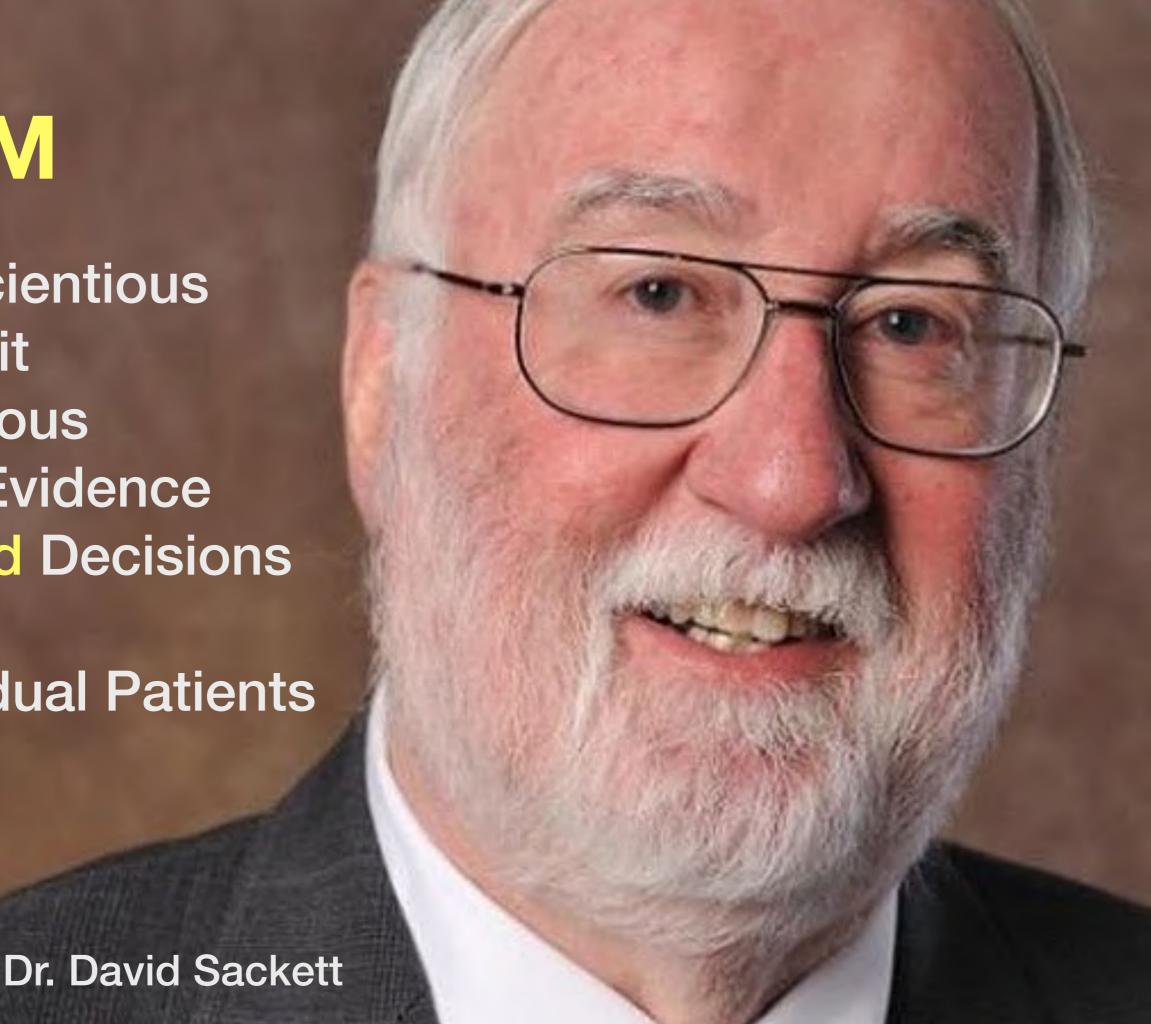
COVID Times

- 400 MillionTweets
- ZOOMMeetings
- PPEProtocols



EBM

Conscientious **Explicit** Judicious **Best Evidence Shared Decisions** Care **Individual Patients**





5 Step of Critical Appraisal







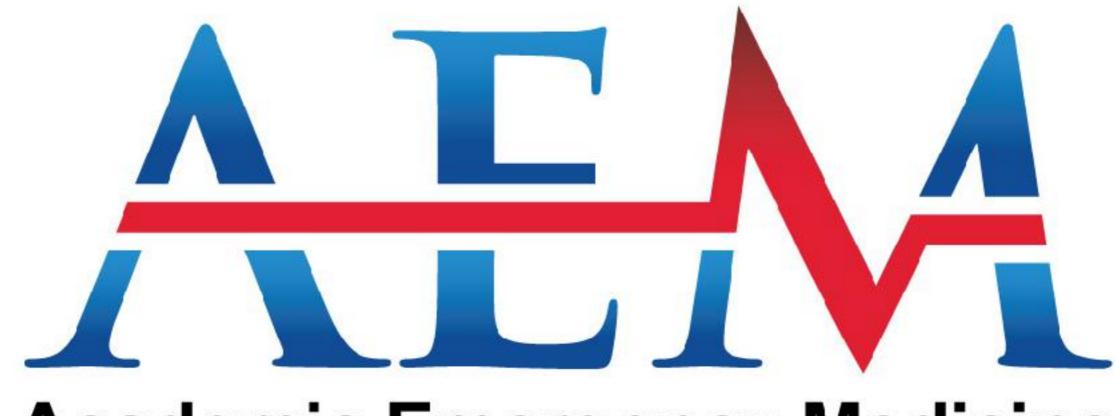


Chloroquine / Hydroxychloroquine







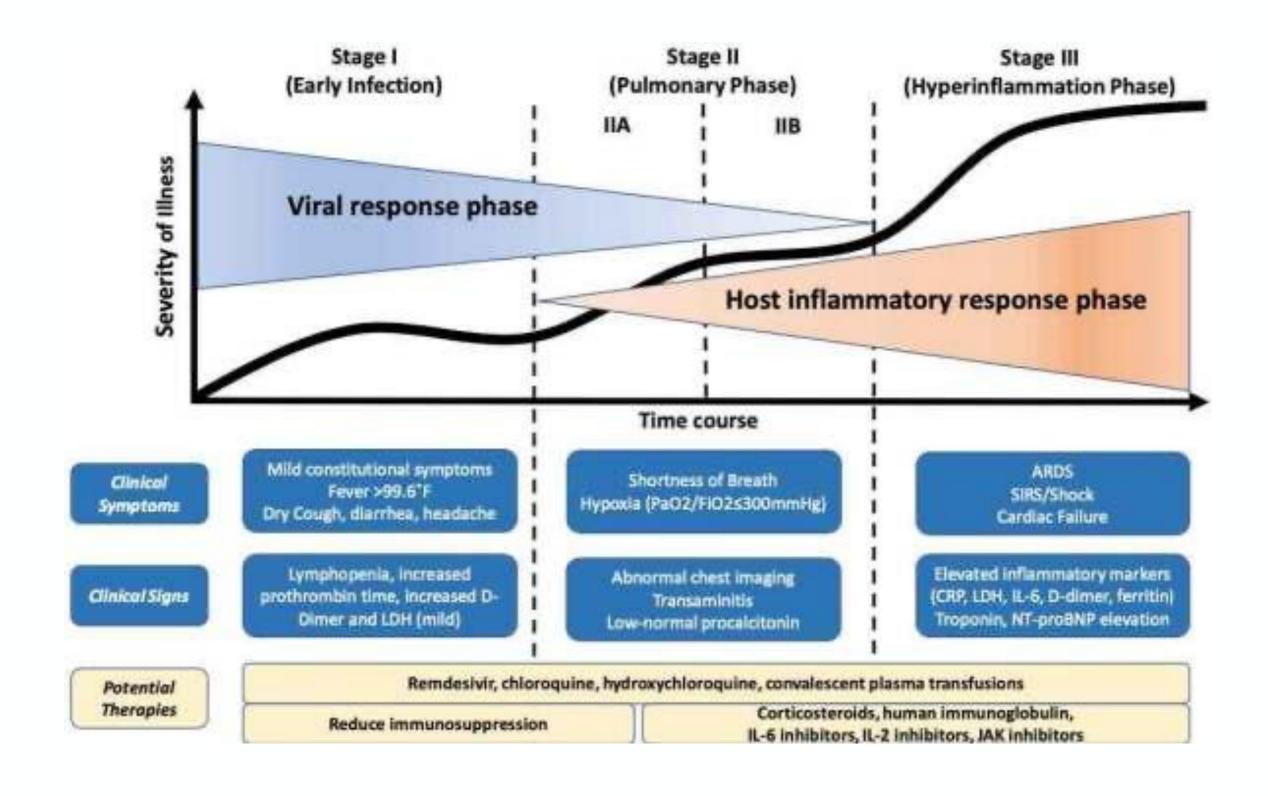


Academic Emergency Medicine

Chowdhury et al. A Rapid Systematic Review AEM May 2nd, 2020.



Steroids





Steroids

- Analysis of patients with COVID-19 who developed ARDS (n=84) noted that methylprednisolone treatment was associated with a decreased risk of death
- 26 patients with severe COVID-19 reports that the use of methylprednisolone at 1-2mg/kg/day for 5 to 7 days was associated with shorter duration of supplemental oxygen use (8.2 days vs. 13.5 days; P<0.001) and improved radiographic findings



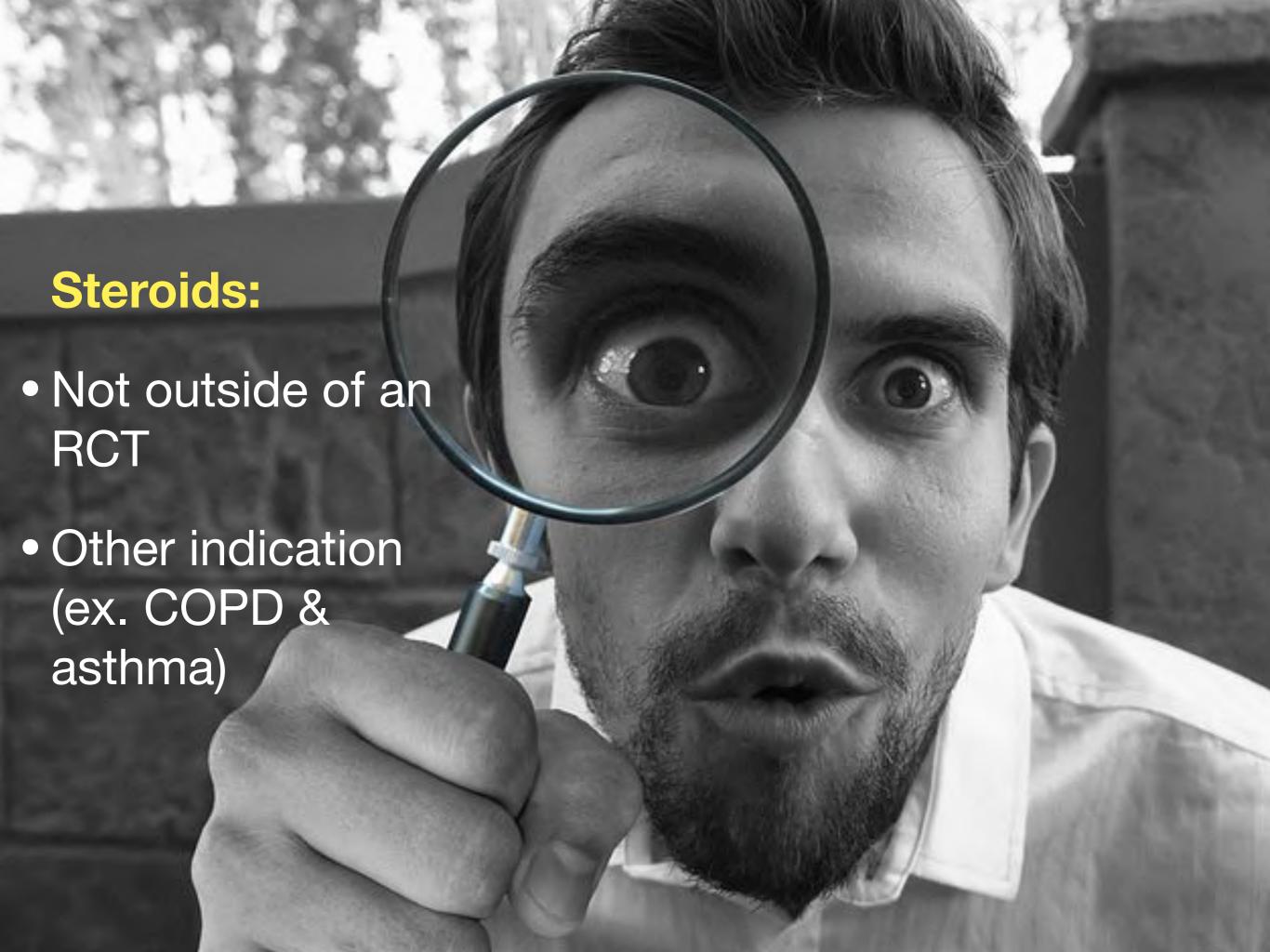
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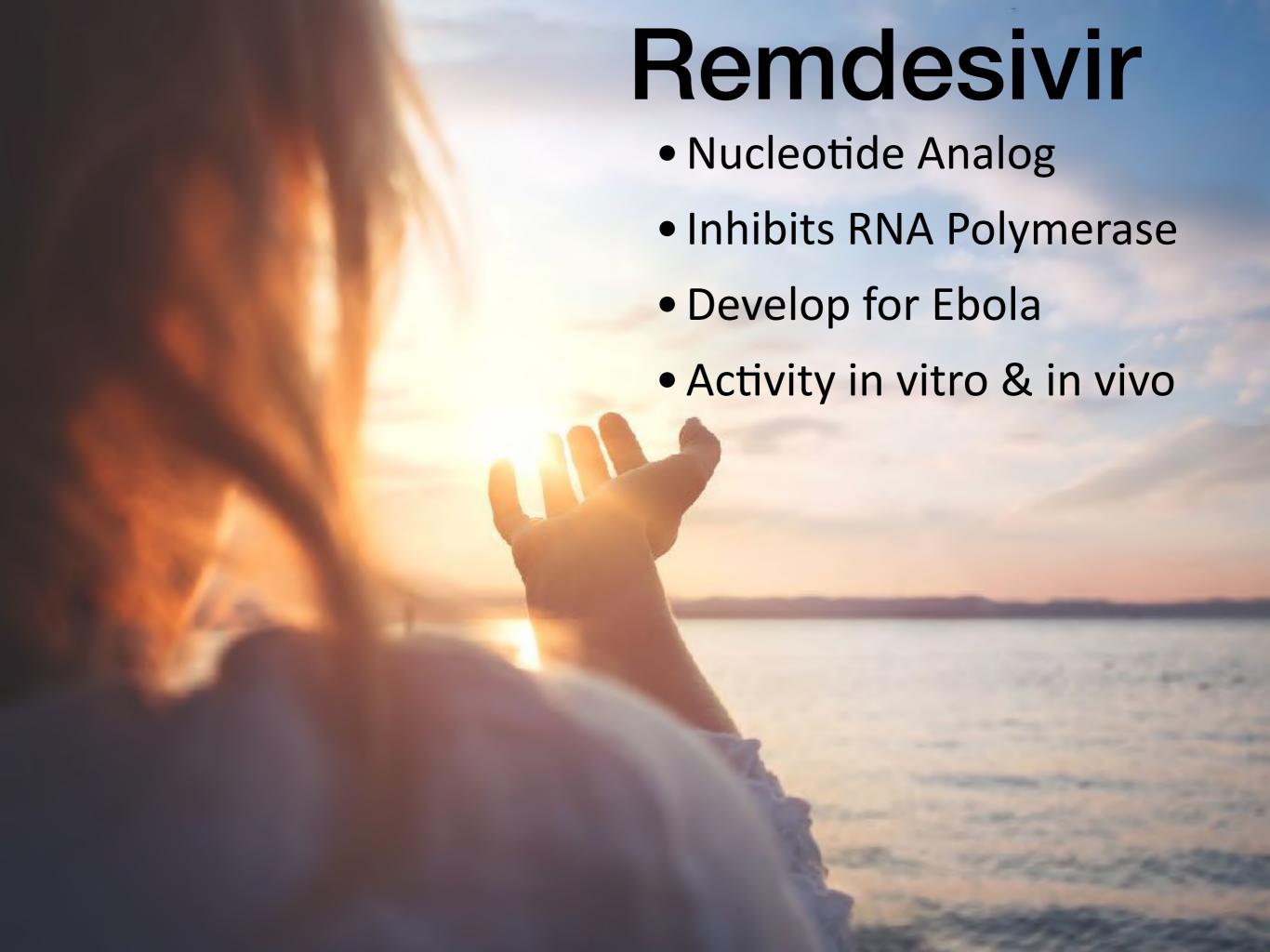
https://www.ncbi.nlm.nih.gov/pubmed/32222812

https://www.thoracic.org/covid/covid-19-guidance.pdf

Villar et a, Lancet Resp Med, 2020

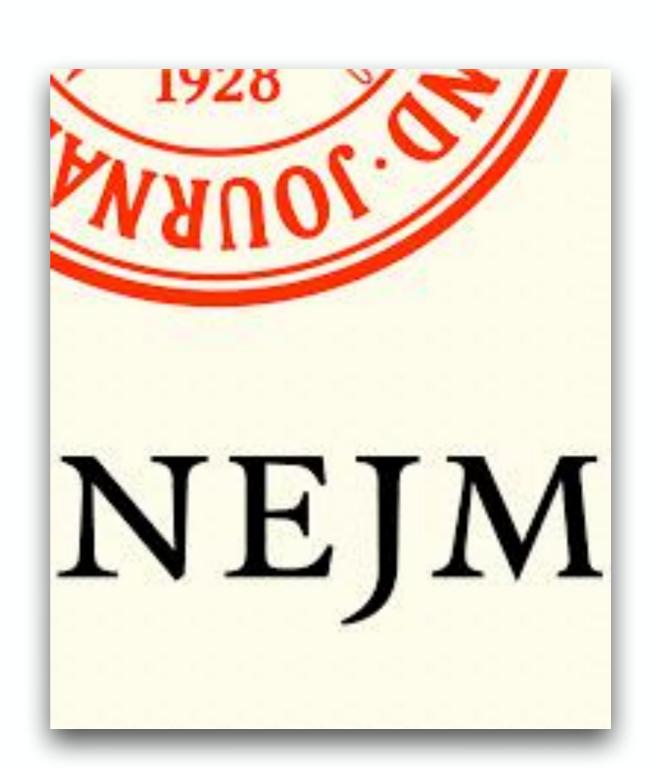
• Wu et al, JAMA Int Med, 2020





Remdesivir

- Grein et al. April 2020
- More authors than patients (n=53)
- No control group
- Heavy pharma involvement
- Dr. Farkas @PulmCrit



Remdesivir

THE LANCET

- Wang et al. April 29th, 2020
- RCT (N=237)
- Time to improvement 28d
- No statistical benefit for a patient-oriented outcome (POO)



- Dr. Fauci April 29th, 2020
- RCT (N= 1,063)
- Changed the primary outcome
- "significant positive effect"
- Standard of care?
- *P*-value





Convalescent Plasma

Negative for HBsAg/Anti-HIV Syphilis

NAT non-re HIV-1 RNA (gro HIV-2 RNA/ HE

No unexpecte

TERLIM Negative for: HBsAg/ Anti-HIV/ Ar

Syphilis

NAT non-reac HIV-1 RNA (group HIV-2 RNA/ HBV

No unexpected

TERUM Negative for: HBsAg/Anti-HIV/ Syphilis NAT non-rea HIV-1 RNA (grov HIV-2 RNA/ HB

No unexpected and

Negative for NAT non-1 HIV-1 RNA (g HIV-2 RNA/F No unexpec

https://www.blood.ca/en/convalescentplasma



Concor-1 Trial

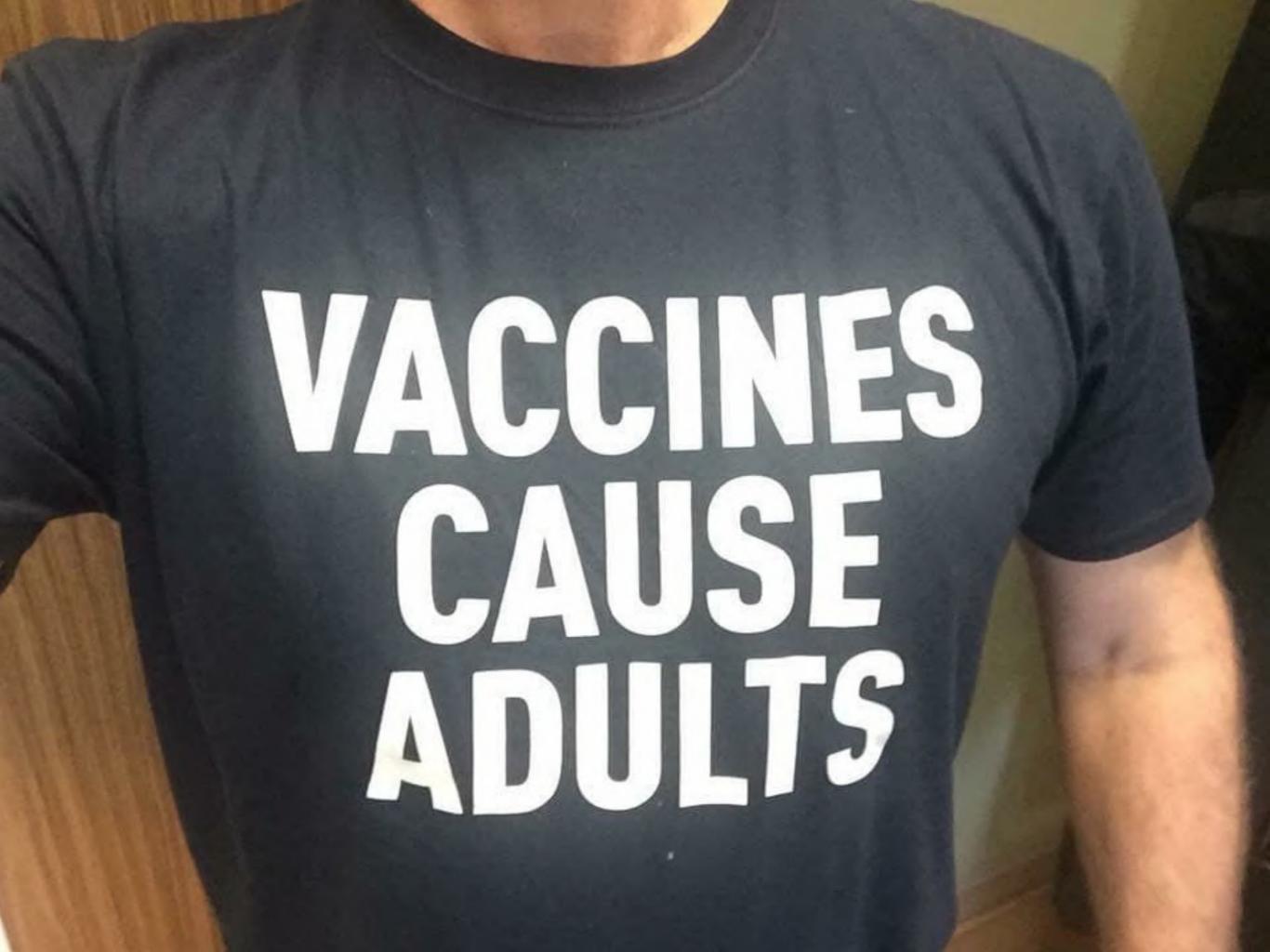
- Across the country, from Victoria to PEI
- Started collecting plasma April, 2020
- Donald Arnold Hamilton
- Philippe Begin CHUM
- Jeannie Callum Sunnybrook



These are the planned trial sites. Activation of sites will occur in a step-wise manner. Active sites will be updated on

ClinicalTrials.gov

Please direct your questions to: info@CONCOR1.ca



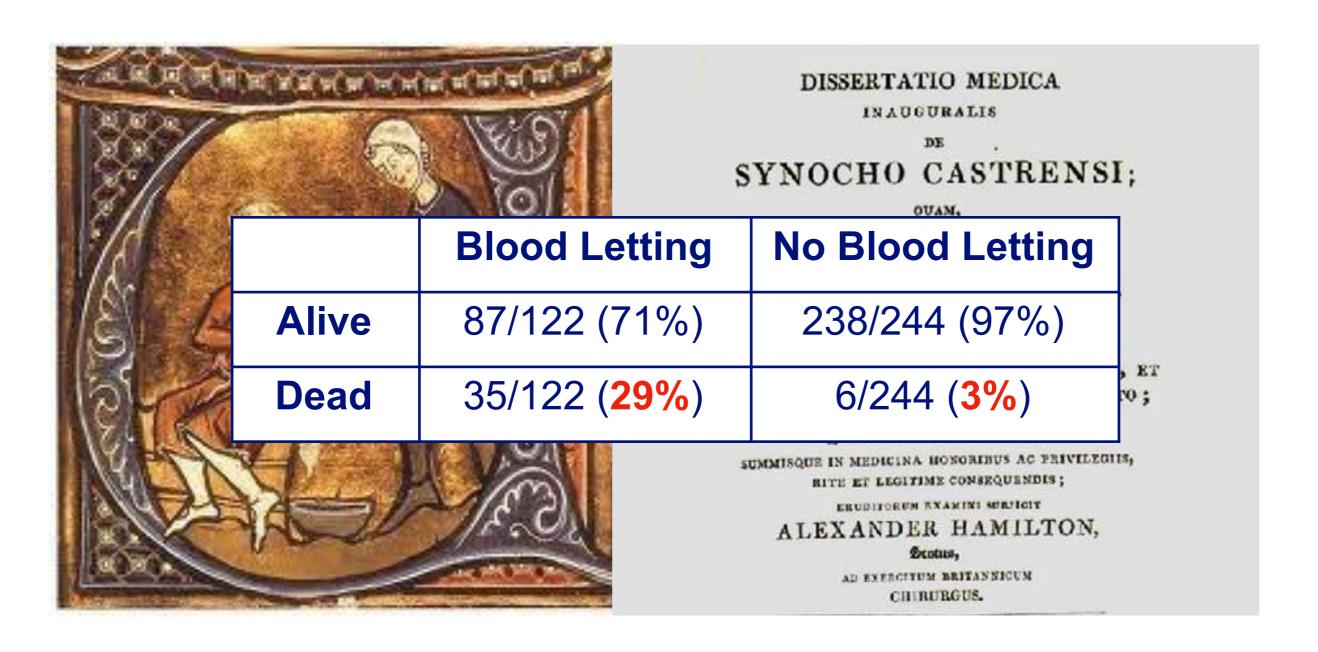


ISSUES.ORG

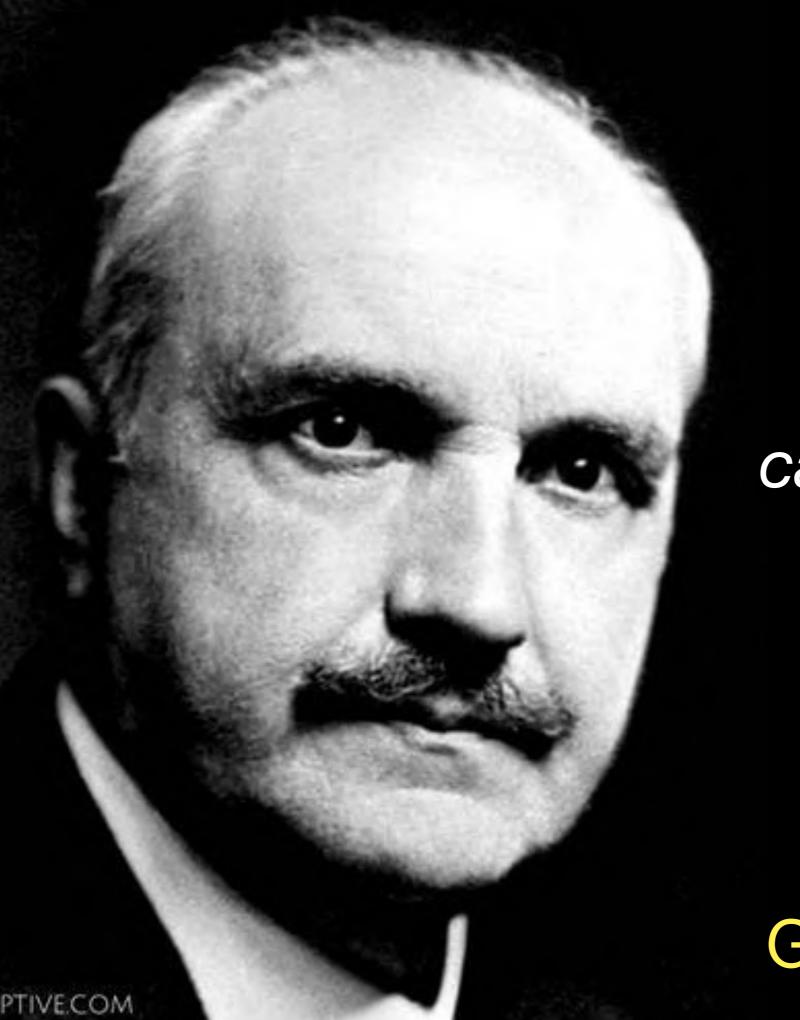
Pandemic Science Out of Control

Poor-quality research, media hype, lax regulatory oversight, and vicious...

Randomized Trial in 1809



NNH (Death) 4

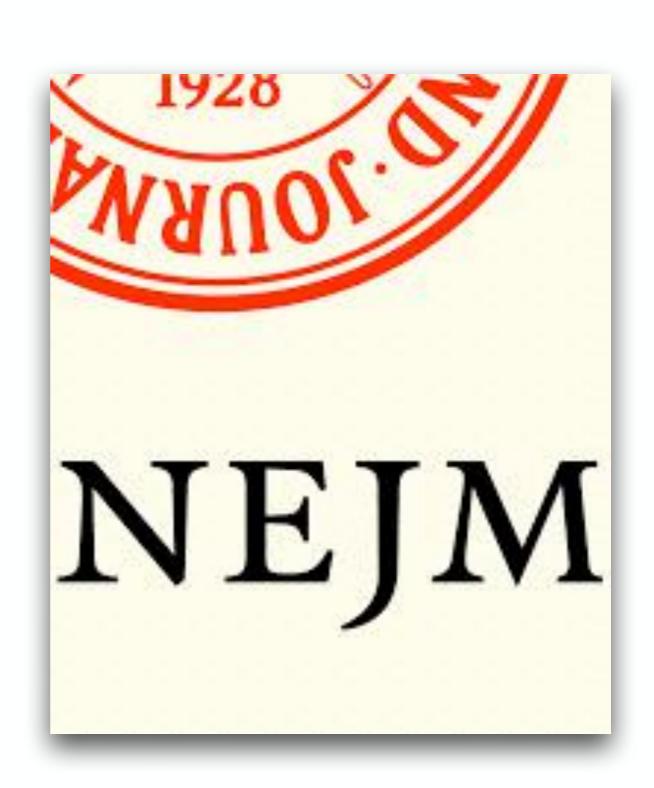


Those who cannot remember the past are condemned to repeat it.

George Santayana

A Reminder to Reason

Ivry Zagury-Orly & Richard M.
Schwartzstein
April 28th, 2020



Questions?

