

**FERNE**

Foundation for the Education and Research in  
Neurological Emergencies

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## COVID-19 Mask Use in Viral Illness

April 21, 2020

### What do we know about use of masks in viral illness pandemics?

What about asymptomatic carries of COVID-19?

Lai *J Micro Imm Inf* March 2020

What are surgical and N95 mask effectiveness in HCW?

Loeb *JAMA* 2009

Medical mask vs N95 in respiratory disease?

MacIntyre *Influ Resp Inf* 2011

Medical mask vs N95 in respiratory disease?

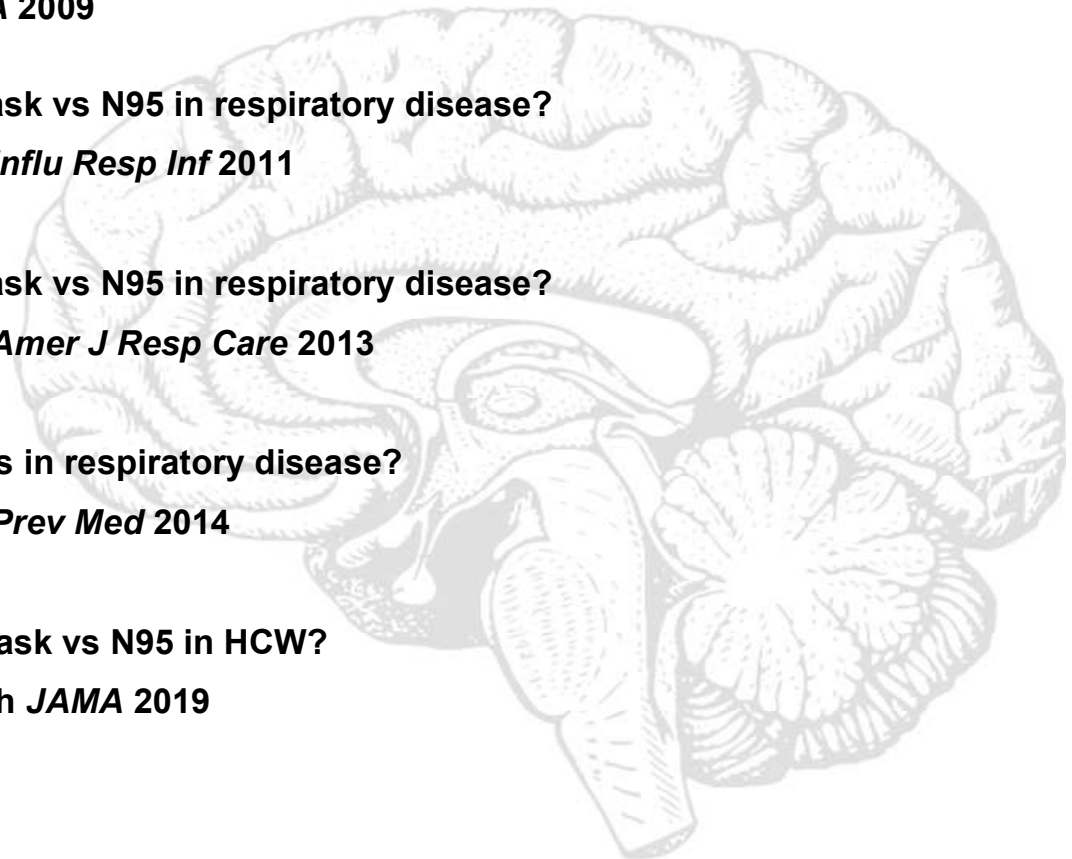
MacIntyre *Amer J Resp Care* 2013

Face masks in respiratory disease?

MacIntyre *Prev Med* 2014

Surgical mask vs N95 in HCW?

Radonovich *JAMA* 2019



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What are cotton and surgical mask effectiveness?

Bae *Ann Int Med* April 2020

What are surgical and N95 mask effectiveness?

Bartoszko *Influenza* April 2020

What are evidence based guidelines regarding mask use?

Chughtai *BMC Res Notes* 2011

What are respiratory protection practices?

Wizner *J Occ Env Hygiene* 2018

What is rational mask use?

Feng *Lancet Resp* March 2020

What are HCW attitudes regarding mask use?

Brandt *Influenza* April 2020

What are the challenges in medical supplies?

Wang *BiocSci Trends* Feb 2020

Edward Sloan, MD, MPH

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