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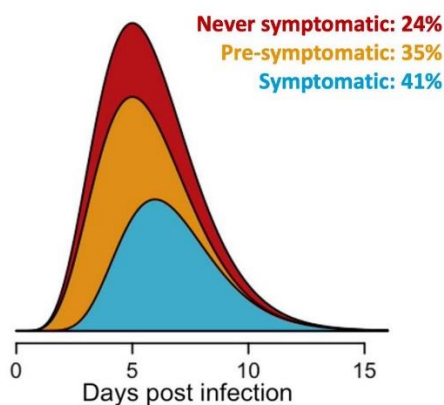
Jeffrey M. Goodloe, MD, NRP, FACEP, FAEMS
Chief Medical Officer

Update 50 - COVID-19 – From Office of the Medical Director 23NOV2020 1500

To: All EMS Personnel in the EMS System for Metropolitan Oklahoma City & Tulsa

Some folks have wondered if there would be anything “special” about Update 50. In answer to that curiosity, I’d say YOUR health – mental AND physical, with all of us working together in championing and protecting it against the threats posed by the present SARS-CoV-2 pandemic – is unequivocally special indeed.

Most SARS-CoV-2 Infections Are Spread by People without Symptoms



- CDC and others estimate that more than 50% of all infections are transmitted from people who are not exhibiting symptoms
- This means, at least half of new infections come from people likely unaware they are infectious to others (red and orange in the figure, left)*

* Figure assumes peak infectiousness occurs 5 days after infection and that 24% of infections are asymptomatic. With these assumptions, 59% of infections would be transmitted when no symptoms are present but could range 51%-70% if the fraction of asymptomatic infections were 24%-30% and peak infectiousness ranged 4-6 days.



Moghadas et al. 2020, *Proc Natl Acad Sci USA*;117(30):17513-17515. Johansson et al. 2020, CDC unpublished data; submitted.

Valid as of November 16, 2020

Vigilance. Safety. Evidence-Based Service to Others.

Let's be careful out there.

Dr. Goodloe