

9. 7 and 8 raise the question of whether we could soon cross CMO Trigger #3; but I am keen not to rush at this
10. Low initial illness severity in many even if asymptomatic transmission not proven, increases the likelihood that entry screening will be utterly epidemiologically futile

I'll be on the **I&S** as usual tomorrow and able to talk from circa **I&S**.

JVT

From: Whitty, Chris
Sent: 19 January 2020 12:12
To: Van Tam, Jonathan <Jonathan.VanTam@dhsc.gov.uk>
Subject: FW: Family cluster with Wuhan coronavirus infection

Not for wider forwarding but you will want to see this.

I agree with JF that on the face of it it provides reasonable additional evidence of onward transmission.

I am less convinced it shows people who are asymptomatic are infectious (which would be a major issue, so important not to jump the gun).

C

From: Jeremy Farrar <J.Farrar@wellcome.ac.uk>
Sent: 19 January 2020 11:03
To: Whitty, Chris <Chris.Whitty@dhsc.gov.uk>; Vallance, Patrick (GO-Science) <P.Vallance1@go-science.gov.uk>
Subject: Re: Family cluster with Wuhan coronavirus infection

Quick response – I think evidence suggests transmission in absence of material symptoms – I don't know just sore throat etc – but some of the family members were viral +ve from URT with no symptoms, were they infectious and to what extent I don't know. You do have in this series a family in Wuhan, visiting family members from Shenzhen who after visiting Wuhan family then flew back to Shenzhen, became ill at some point around the period of travel back and then family members in Shenzhen became sick. The 1 year old child in Wuhan was ill had not been to the market and was viral +ve in diarrhoea and URT. Does suggest a reasonable high attack rate through three groups – family in Wuhan, visiting family and family back in Shenzhen.

Don't think anything more to be done at the moment – will call if so. Hope helpful

From: "Whitty, Chris" <Chris.Whitty@dhsc.gov.uk>
Date: Sunday, 19 January 2020 at 10:52
To: Jeremy Farrar <J.Farrar@wellcome.ac.uk>, "Vallance, Patrick (GO-Science)" <P.Vallance1@go-science.gov.uk>
Subject: Re: Family cluster with Wuhan coronavirus infection

Thanks Jeremy this is very helpful. Completely agree needs to be in the public domain or, as a minimum, shared with WHO; details in this summary v helpful but it needs more info that may be in the paper.

PD

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