Health Protection  
(Rt → hospital surge capacity → clinical outcomes/deaths)

Social Consent / Emotional Wellbeing  
(Polls and focus groups)

Economic Preservation  
(GDP; employment)
WEAR A FACE MASK

Cover mouth and nose, avoid touching mask once it’s on.

#ArtOfQuarantine
#FlattenTheCurve

Ministry of Culture and Information Policy of Ukraine
Dates filled in red are the dates on which patients 1–6 had close contacts with their relatives (relatives 1–5). Dates filled in yellow are the dates on which patients 3–6 stayed with patient 7. The boxes with an internal red cross are the dates on which patients 1 and 3 or relatives 1, 2, and 3 had stayed overnight (white boxes) at or had visited (blue boxes) the hospital in which relative 1 was admitted for febrile pneumonia. The information of relatives 1–5 was provided by patient 3.

“Notably, patient 1 or patient 3 who had visited Wuhan hospital might have been infectious before symptom onset because patient 5 was shedding virus without symptoms.”

Chan et al Lancet 2020
Triple combination of interferon beta-1b, lopinavir-ritonavir, and ribavirin in the treatment of patients admitted to hospital with COVID-19: an open-label, randomised, phase 2 trial

Hung et al, Lancet 2020
SARS-CoV-2 related virus in Malayan Pangolins (Manis javanica)

1. Two SARS-CoV-2 related (86-92%) coronavirus clades found in Malayan pangolins smuggled into Guangdong (GD) and Guangxi (GX) provinces of China, which branch off from the lineage. See the red circles on the left tree.

2. However, the bat coronavirus (named RaTG13) is still the closest strain (with 96% similarity) to human SARS-CoV-2 genome.

3. HOWEVER, there is an exceptionally high similarity between the spike receptor binding domains of Guangdong pangolin CoV and human SARS-CoV-2. More than between bat-and-human.

4. Pangolin is a probable intermediate host for the emergence of the SARS-CoV-2 in human.

5. Search for pangolin coronavirus remains to continue.

Phylogenetic tree of the SARS-CoV-2 genomes

Lam et al/ Nature 2020