COVID-19 AND DOWN SYNDROME T21RS SURVEY, REPORT MAY 27, 2020





Nasal symptoms are more common

QUESTIONS

• Shortness of breath is associated with hospital admission





- Nasal signs and sore throat are more often in the 0-19 yrs group
- Stomach symptoms and headache are more often in the 20-39 yrs group





COUNTRY **OF RESIDENCE**

Brazil

other





Study limitations:

1. Surveys are based on one time point. Some people are still in hospital.

2. Health profile is based on those hospitalized in order to make the comparison to the general population. A later study will include both those staying at home and in hospital.

3.No data are available on whether those with Down syndrome are sent to the hospital at the same rate or for the same signs/symptoms. The criteria may or may not differ.

4. Although this is the largest sample to date, the numbers are still small and observations need to be confirmed.

5.As more surveys are completed, examination of existing co-occurring conditions can be examined as risks for clinical outcomes.

References for comparison groups:

UK: Docherty AB, Harrison EM, Green CA, et al.. Features of 20133 UK patients in hospital with covid-19 using the ISARIC WHO Clinical Characterisation Protocol: prospective observational cohort study. BMJ, 22 May 2020, 369:m1985 DOI: 10.1136/bmj.m1985 PMID: 32444460 NYC: Richardson S, Hirsch JS, Narasimhan M, et al. Presenting Characteristics, Comorbidities, and Outcomes Among 5700 Patients Hospitalized With COVID-19 in the New York City Area. JAMA 2020. Spain: Borobia AM, Carcas AJ, Arnalich F, et al. A cohort of patients with COVID-19 in a major teaching hospital in Europe. medRxiv. 2020:2020.04.29.20080853.

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