



## Epidemiology Unit

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### COVID-19 - Situation Report – 2020.02.16 – 10.00am

- An outbreak of pneumonia of unknown reason was first reported on 31<sup>st</sup> December 2019 from Wuhan City in Hubei Province of China. On 7<sup>th</sup> Jan 2020, it was diagnosed as “Novel Corona Virus”. On 30<sup>th</sup> Jan 2020, World Health Organization has declared it as a Public Health Emergency of International Concern (PHEIC). On 11/02/2020 the WHO has introduced a short form for the diseases as COVID-19.
- The incubation period is reported as 2-14 days.
- $R_0$  (Basic reproduction number) is estimated as 1.4 to 2.5. ( $R_0$  = the number of cases one case generates on average over the course of its infectious period, in an otherwise uninfected or not immune) Ref. European Respiratory Society- [www.ersnet.org](http://www.ersnet.org) 29/01/2020
- In the current Sri Lankan context, there is no scientific justification to wear face mask routinely by the general public including children.

#### Local Situation quarantined

- One (1) confirmed patient at NIID
- Total number of individuals under observation - 2

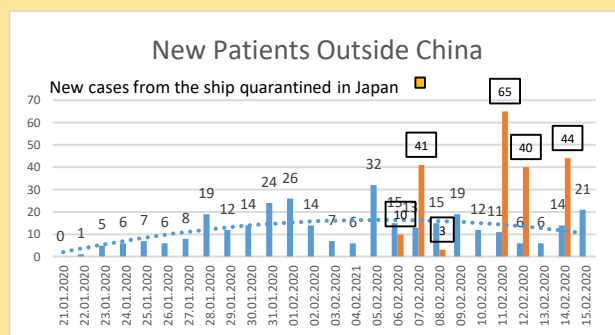
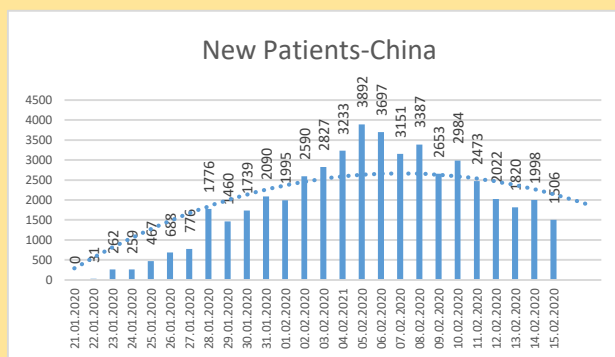
| Name of the Hospital | Cumulative  |            |       | Today 10am  |            |       |
|----------------------|-------------|------------|-------|-------------|------------|-------|
|                      | Sri Lankans | Foreigners | Total | Sri Lankans | Foreigners | Total |
| NIID                 | 79          | 47         | 126   | 0           | 1          | 1     |
| NHSL                 | 8           | 1          | 9     | 0           | 0          | 0     |
| TH Ragama            | 1           | 0          | 1     | 0           | 0          | 0     |
| TH Karapitiya        | 11          | 4          | 15    | 0           | 0          | 0     |
| TH A'pura            | 1           | 0          | 1     | 0           | 0          | 0     |
| TH Kurunegala        | 7           | 0          | 7     | 1           | 0          | 1     |
| TH Jaffna            | 1           | 0          | 1     | 0           | 0          | 0     |
| NH Kandy             | 14          | 0          | 14    | 0           | 0          | 0     |
| TH Batticaloa        | 0           | 0          | 0     | 0           | 0          | 0     |
| DGH Gampaha          | 7           | 0          | 7     | 0           | 0          | 0     |
| DGH Negombo          | 11          | 2          | 13    | 0           | 0          | 0     |
| TH Rathnapura        | 4           | 0          | 4     | 0           | 0          | 0     |
| PGH Badulla          | 1           | 0          | 1     | 0           | 0          | 0     |
| LRH                  | 0           | 0          | 0     | 0           | 0          | 0     |
| DMH                  | 0           | 0          | 0     | 0           | 0          | 0     |

Source : Epidemiology Unit, Disease Surveillance System

#### Global Situation

- 50580 confirmed cases (50054 – China, 526 – Outside China)
- 1526 deaths (1524 – China, 2 outside China (Philippine & Japan))
- Patients are reported from 25 countries.

— Ref. WHO situation report - 15/02/2020



#### Main preventive modalities

- Frequent hand washing.
- Avoid close contact with people suffering from flu.
- Avoid contacts with live or dead animal.
- Always cover the nose and mouth while coughing or sneezing (with disposable tissue / cloth or cough to the bent elbow).
- Do not touch mouth / nose / eyes unnecessarily.
- Avoid crowded places as much as possible.