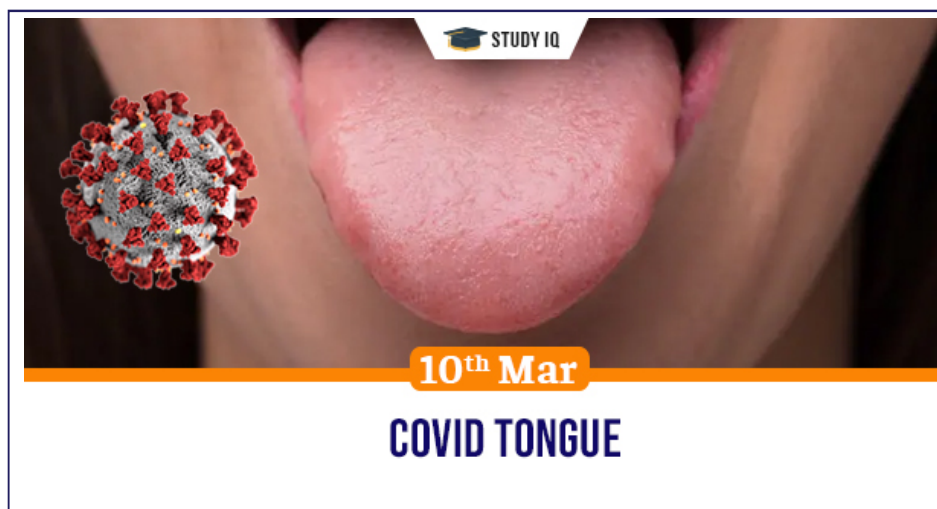


## COVID TONGUE



### Issue

A Covid symptoms study app has identified a phenomenon known as Covid tongue to be a new symptom of Covid-19.

### Background

A large number of people submit their symptoms to the app that allows the app to identify new variety of symptoms associated with the disease.

### Details

- Covid tongue is a form of inflammation disorder that usually is seen on the top and sides of the tongue.
- Individuals suffering from covid symptoms will have tongue with bald, red area of different sizes that is surrounded by an irregular white border.
- The affected areas on tongue can change quickly in size and shape similar to continental drift and hence the disease is also called Geographic Tongue (GT).
- The conditions for Geographic Tongue are not known and it is assumed that the condition can occur anytime during our lifetime.
- Factors such as emotional stress, psychological factors, habits, allergies, diabetes and hormonal disturbances are said to be behind this condition.

### Relations with covid-19

- There are assumptions that GT could be associated with high levels of Cytokine protein that is responsible for cytokine storm.
- The tongue also has large expression of ACE2 receptor that the spike protein of the SARS-CoV-2 virus binds while infecting cells.

#### Lesser known symptoms of Covid-19

- Covid toe cases were identified from Spain and the US. The condition causes purple, blue or red discolouration of the toes.
- Some long term symptoms of covid-19 are fatigue, shortness of breath, cough, joint pain and chest pain.
- Kawasaki disease symptoms of high fever and swollen arteries are also commonly reported among covid-19 patients.

#### NOTES

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