

## ORIGINAL RESEARCH

### ASSESSMENT OF PREVALENCE OF POST-VACCINE COVID-19 INFECTION AMONG DENTAL PROFESSIONALS AND STUDENTS OF DENTAL COLLEGES IN ERNAKULAM DISTRICT: A CROSS SECTIONAL STUDY.

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**Received: 18 – 04 - 2022**

**Revised: 27 – 04 - 2022**

**Accepted: 10 – 05 -2022**

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**How to cite this article:** Abraham K A, Paul J, D'lima J P, Parackal S T, Nair S K, Reshma T S. Assessment Of Prevalence Of Post-Vaccine Covid-19 Infection Among Dental Professionals And Students Of Dental Colleges In Ernakulam District: A Cross Sectional Study. J Oral Biomed Sci 2022; 1: 62-71

#### Abstract

**Aim:** The aim of this study was to assess the prevalence of Covid-19 infection among all the immunized dental professionals and students in Ernakulam district of Kerala. **Materials and Methods:** A structured and validated questionnaire comprising of twelve questions was distributed to the students of five dental colleges in the Ernakulam district of Kerala. The questionnaire evaluated the vaccination status, dose and brand of vaccine received, duration of clinical practice, COVID -19 infection after vaccination, associated symptoms if any , among them. **Results:** The dental students included 307 females and 105 males , majority of them had contracted the disease even after immunization. 43

% of them had mild symptoms .The differences observed were significant ( $p < 0.05$ ).

**Conclusion:** Among the immunized dental professionals and students ,our study found a lower frequency of Covid -19 infection with a considerable decline in Covid symptoms.

**Keywords:** COVID -19, Immunization, Covishield , Dental professionals.

**Conflict of interest:** None

**Financial support and sponsorship:** Nil