

A DESCRIPTIVE STUDY ON THE PROFILE AND TREND OF COVID DEATHS IN THE CAPITAL CITY OF KERALA FROM MARCH 2020 TO JANUARY 2021

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Background: World Health Organization (WHO) declared COVID-19 as a pandemic On 11 March 2020. This pandemic showed its severity in Thiruvananthapuram district from same month onwards. Various studies showed that multiple comorbidities increased the risk of COVID death. This is a descriptive study on the profile and trend of COVID deaths in Thiruvananthapuram district from March 2020 to January 2021. **Objectives:** To study the profile and trend of COVID deaths in THE CAPITAL CITY OF KERALA from March 2020 to January 2021. **Methods:** To conduct a secondary data study from the death master database of COVID control cell, Trivandrum which obtained from the death investigation reports submitted by the peripheral institutions. This study uses census method of sampling with a total sample size of 742, which is the total number of COVID deaths occurred in Thiruvananthapuram district from March 2020 to January 2021. The data was entered to excel sheet and analysis done by appropriate statistical software. **Results:** Upon analysis, men were found to be more prone to death due to COVID (66.17%). Death in the age group >60 years was about 66.03 % and in this about 31.8% were palliative/bed ridden/ patients on hemodialysis. About 69% of patients died after 72 hours of hospital stay and about 11.85% died within 24 hours of hospital stay. Monthly trend analysis of COVID deaths showed a spike during October 2020. **Conclusion:** The study concludes with following inferences. As male population with age > 60 years and multiple comorbidities forms vulnerable group, surveillance has to be strengthened in NCD clinics and palliative care patients. Reverse quarantine should be strengthened.