

A DESCRIPTIVE STUDY ON POST COVID MUCORMYCOSIS – A NEW CHALLENGE IN PANDEMIC CONTROL

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INTRODUCTION

- COVID 19 leads to cytokine storm , islet damage : results in hyperglycemia
 - ketoacidosis : results in impaired phagocytosis
 - increased ferritin : results in increased free iron load
 - endothelitis : which promotes mucorale adhesion
- all these four conditions makes the favourable environment for the growth of mucormycosis .

METHODOLOGY :

- Study design : Descriptive study .
- Study population : Post covid mucormycosis patients
- Study setting : Kottayam district.
- Study period : May 2021 – October 2021
- Data collection : collected through case sheets and telephonic interview if necessary .
- Sample size : All post COVID mucormycosis patients during the study peiod were taken . Data entered in excel and analysed using SPSS.

RESULTS

Figure 1 :
GENDER DISTROBUTION

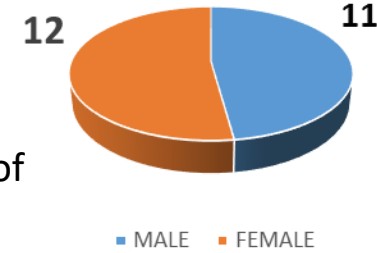


Figure 2 :
DISTRIBUTION BASED ON TYPE

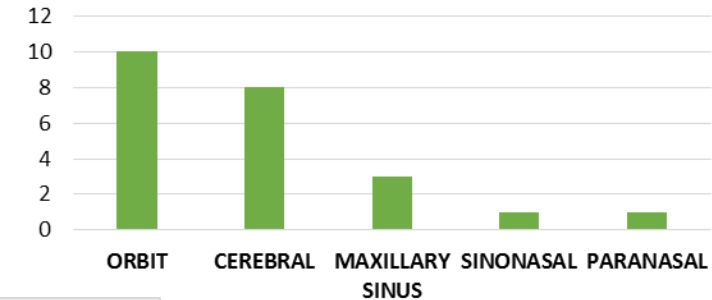


Figure 3
DISTRIBUTION BASED ON SYMPTOMS

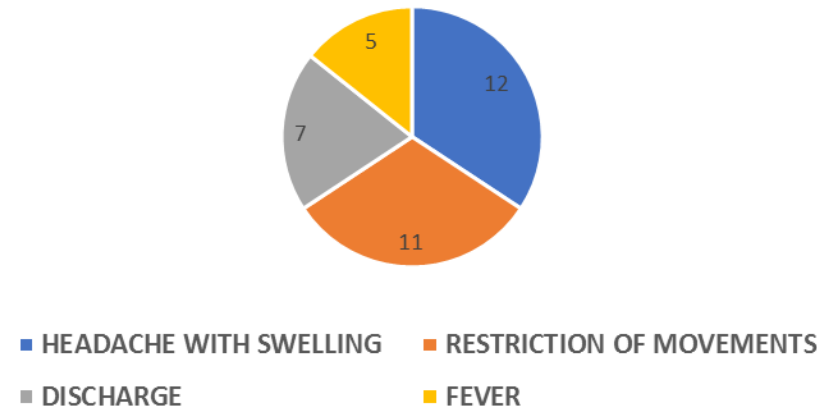
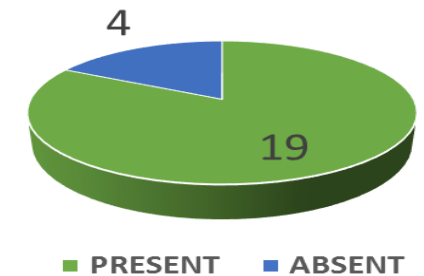


Figure 4
DISTRIBUTION BASED ON DIABETIC STATUS



- 16 PATIENTS WERE ON OXYGEN THERAPY
- 10 PATIENTS WERE ON STEROIDS
- OUT OF 23 , 18 PATIENTS GOT DISCHARGED .(72%)

ACTIVITIES DONE & RECOMMENDATIONS :

- Using sterile water
- Strict diabetic control
- Steroid should be prescribed cautiously .
- Awareness about symptoms to be reported