

EPIDEMIOLOGY AND CHARACTERIZATION OF KIDNEY STONES AND TREATMENT WITH ISOLATED METABOLITES OF TRIBULUS TERRESTRIS

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ABSTRACT

The analysis of various types of urinary stones, the cause of formation of urinary stones by relating food habits and life cycle was surveyed and analyzed. After collection of the samples, characterization and chemical analysis were carried out.

The medicinal plant, Tribulus Terrestris were collected and extracted. The preservative tendency of the extract was investigated by its physical and chemical properties. The phytochemical analysis of the plant Tribulus was carried out and the metabolites present in the plant were identified and separated. The COM, COD and HA crystals are grown and it is harvested and characterized. The gel grown crystals and the stones collected were subjected to dissolution studies by the different metabolites separated from the plant Tribulus Terrestris and the rate of dissolution examined.