



## Incidence of thyroid diseases in a tertiary hospital: A retrospective study

**Shengulwar Sayanna Sayanna**

Mallareddy Medical College for Women, India

### Abstract

**Background:** Thyroid gland diseases are common in India, particularly hilly and tribal areas. The incidence of thyroid conditions, exact figure is not available but about 5 lakh cases come for medical treatment all over India. To study the prevalence of common thyroid diseases in the Sangareddy district area, which is near Hyderabad, particularly age & sex specific incidence.

**Methods:** This is a retrospective study conducted at the Maheshwara.

Medical College and Hospital, Chitkul, Sangareddy district of Telangana State. The data was collected from the registers of General Surgery outpatient department, operation theatre, medical record section and cytology, histopathology registers of pathology department. A total number of 64 patients were included in this study who was admitted at this hospital during the period of 2 years, from January 2017 to December 2018. The data was analysed by proper statistical methods.

**Results:** The study had shown that most common conditions in this area are benign diseases. The age group ranges 21-30 years, female is most vulnerable (37.51%). The pathological benign condition most common is nodular goiter 48.43%.

**Conclusions:** The observations in this study made may be useful in future to diagnose the cases and advice regarding prevention of the disease.

### Biography

S Shengulwar graduated (MBBS) in the year 1978 & Master's degree (M.S.) general surgery in 1983. Both the degrees completed from Marathwada University, Maharashtra state (India). He has total teaching experience of nine years. He has published four papers so far. Presently he is working as a professor in general surgery department of Mallareddy Medical College for Women, Hyderabad since last one year. He has attended many national and international conferences & CMES. He is a member of local and national level surgeons' associations. His research interests are wide ranging including latest topics. His special interest is in Breast & Thyroid surgery.

### Publications

- Vanderpump MPJ. The epidemiology of thyroid diseases. In: Braverman LE, Utiger RD, editors. *Werner and Ingbar's The Thyroid: A Fundamental and Clinical Text*. 9th edn. Philadelphia: JB Lippincott-Raven; 2005: 398-496.
- Abraham R, Murugan VS, Pukazhvanthen P, Sen SK. *Ind J Clin Biochem*. 2009;24(1):52-9.
- Iodine status worldwide, WHO global database on iodine deficiency, Department of nutrition for health and development. Department of nutrition for health and development. Geneva: WHO, 2004.
- Andersson M, Pakkouch B, Egli I, Allen HE, Benoist B. Current global iodine status and progress over the last decade towards the elimination of iodine deficiency. *Bull World Health Organisation*. 2005;83:518-25.
- Dash M, Chandrasekhar KPA, Raghu K, Kethireddy S. Histopathological study of neoplastic and non-neoplastic thyroid lesions: An institutional experience of 2 years. *J Evolution Med Dent Sci*. 2016;5(73):5348-51.
- James R, Kumar TV. Study on the Prevalence of Thyroid Diseases in Ernakulam City and Cherthala Town of Kerala State, India. *Int J Scientific Res Publications*. 2012;2(3):1-3.



2nd International Conference on Surgery and Transplantation  
February 17-18, 2020 | Paris, France

**Citation:** Shengulwar Sayanna Sayanna, Incidence of thyroid diseases in a tertiary hospital: A retrospective study, *Surgery 2020*, 2nd International Conference on Surgery and Transplantation, Paris, France, 17-18 February, 2020, 2141-9477-11:03-12