

Smoking is regarded as one of the most common unhealthy habits that affect human health because of its impacts on other body organs .

The aim was to determine the impact of cigarettes smoking regarding the Hemoglobin level. among Kirkuk- technical institute students . Across- sectional study was done and a randomly selected sample (30 smokers and 30 non – smokers students from the same age between 19-20 years) from different scientific depts. in Kirkuk Technical Institute after receiving their agreements to participate in the study which was started from 1/11/2015 till 1/2/2016 .

A special questionnaire sheet prepared for this purpose and Hemoglobin estimation was done in primary health center which belongs to Kirkuk technical institute by using Sahli's haemoglobinometer which is the documented method used in primary health center . The study results show that 85.0 % living inside Kirkuk city and most of students from administrative dept .(70.0%) , 21 smoker students (70%) and 23 non- smoker students (76.7%) from were aware from the dangerous effect of smoking on human health .

The study concluded that early establishment of smoking in young age group lead to more complications .

The study recommended that advanced educational programs about the effect of smoking and its relation to diseases occurrence in other body organs and further future complications lead to death .