



## An Epidemiological Study Of Risk Factors, Types & Associations Of Gastric Carcinoma In Karachi, Pakistan.

**Dr Sabir Ali Soomro**

*Jinnah Post Graduate Medical Center, Karachi Pakistan And-Medical Unit II, Dow University of Health Sciences, Ojha Campus, Karachi, Pakistan.*

### ABSTRACT:

#### Background and Aim:

Gastric Carcinoma (GC) an aggressive tumor that carries a poor prognosis. GC is the 9<sup>th</sup> commonest cancer reported in Pakistan. The aim of this study was to assess the risk factors, clinical characteristics and GC's sub-types, seen at a premier tertiary care hospital in Karachi, Pakistan.

#### Methods:

This retrospective study included all histopathologically confirmed cases over a period of 5 years from April 2015 to April 2019. The data was analyzed using SPSS v21.

#### Results:

A total of 255 cases were identified, out of which 229 (89.8%) were adenocarcinoma (AC). In these 229 cases of AC; Male were 154 (60.6%) and female were 101 (39.4%). Their ages ranged from 19 to 95 years with a mean of  $50.6 \pm 13.7$ . Epigastric pain and vomiting were the most common symptoms. Ascites was seen in 37 (31.9%). Most of the patients were belonging to the province of Sindh 193 (84.2%). Cigarette smoking was the most prominent risk factor in 76 (26.6%), followed by consumption of beetle nuts, pan and gutka 45 (18%). AC predominantly involved gastric antrum and pylorus 187 (73.3%).

#### Keywords:

Gastric carcinoma, adenocarcinoma, male, epigastric pain, beetle nut, smoking, antrum, pylorus.



### Biography:

Dr Sabir Ali Soomro has completed his MBBS at the age of 23 years from Isra University Hyderabad, Pakistan, and did his house job of one year and medicine training of 2 years then cleared IMM exam, currently he is doing postgraduate FCPS training in Gastroenterology at Jinnah Post Graduate Medical Center Karachi Pakistan.

### Publications:

1. Liver diseases in pregnancy: trends and their consequence in mother and child.
2. Assessment of liver fibrosis with transient elastography in NAFLD patients.
3. Efficacy of pegylated interferon-alpha-2a in hepatitis D infected patients. Experience from the Tertiary Care Hospital in Karachi.
4. Epidemiological and Clinical Characteristics of Esophageal Carcinoma: A Four-Year Experience From Largest Referral Centre of Karachi, Pakistan: 2863.
5. Behaviour in Pakistan of some local wheat varieties to loose smut.

[20th World Gastroenterologists Summit, Osaka, Japan, July 20-21, 2020.](#)

**Abstract Citation :** [Dr Sabir Ali Soomro, An Epidemiological Study Of Risk Factors, Types & Associations Of Gastric Carcinoma In Karachi, Pakistan, GASTRO ENTEROLOGISTS 2020, Osaka, Japan, July 20-21, 2020.](#)