

Sinonasal undifferentiated carcinoma (SNUC) is a rare cancer of the nasal cavity and/or paranasal sinuses. Initial symptoms range from bloody nose, runny nose, double vision, and bulging eye to chronic infections and nasal obstruction. It has been associated with several types of papilloma in the nasal cavity, which are benign, but can give rise to malignancy. Prior irradiation for other cancers has been associated with the development of SNUC in a number of cases, and has been associated with a genetic mutation known to be associated with cancer development. Most patients have not had prior irradiation, and no other causes have demonstrated to be significant, though some studies have found that woodworkers and nickel factory workers are generally more susceptible to sinonasal malignancy of all types.

Symptoms include bloody nose (epistaxis), runny nose (rhinorrhea), bulging eye (exophthalmos/proptosis), double vision (diplopia), nasal obstruction, and nasal infection. There is no regional predilection for SNUC. It affects people in all countries more or less equally, based on available evidence. There is approximately a 2:1 male:female prevalence, and the average age from available published studies is 53 years old. The age range is 14 to 83 years old.