

Common Presentation of
Nasopharyngeal Carcinoma (NPC) in
Hong Kong Chinese community: A
case-control study by Department of
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Objectives

- To identify the pattern of common presentation of NPC and their relative importance
- To arouse the awareness of both primary care practitioners and patients in the early diagnosis of NPC

Method

- Patients referred from 8 GOPCs in our cluster to specialist and later found to have NPC in 2004-2011 were selected
- 160 NPC patients identified and 800 controls matched by age, sex, and location of general practice were studied
- Medical record reviewed retrospectively to identify common symptoms and clinical features of NPC

Result and Outcome

Characteristic	Odds Ratio	95% CI	P value
Symptoms			
Neck mass/ LN	361	81.7-1496.4	<0.0001
Nose bleed	466.7	64.0-3405.4	<0.0001
Blocked nose	14.1	6.1-32.7	<0.0001
Hearing impairment	137.5	32.8-575.8	<0.0001
Tinnitus	14.9	11.6-81.7	<0.0001
Other features			
Family History	44.6	13.2-150.6	<0.0001
Smoking (ever)	2.7	1.9-3.8	<0.0001

Conclusion

- The result showed the key symptoms and presentation of NPC in primary care
- Patients and primary care practitioners should be alerted about the common clinical presentations of NPC and lead to early referral for diagnosis