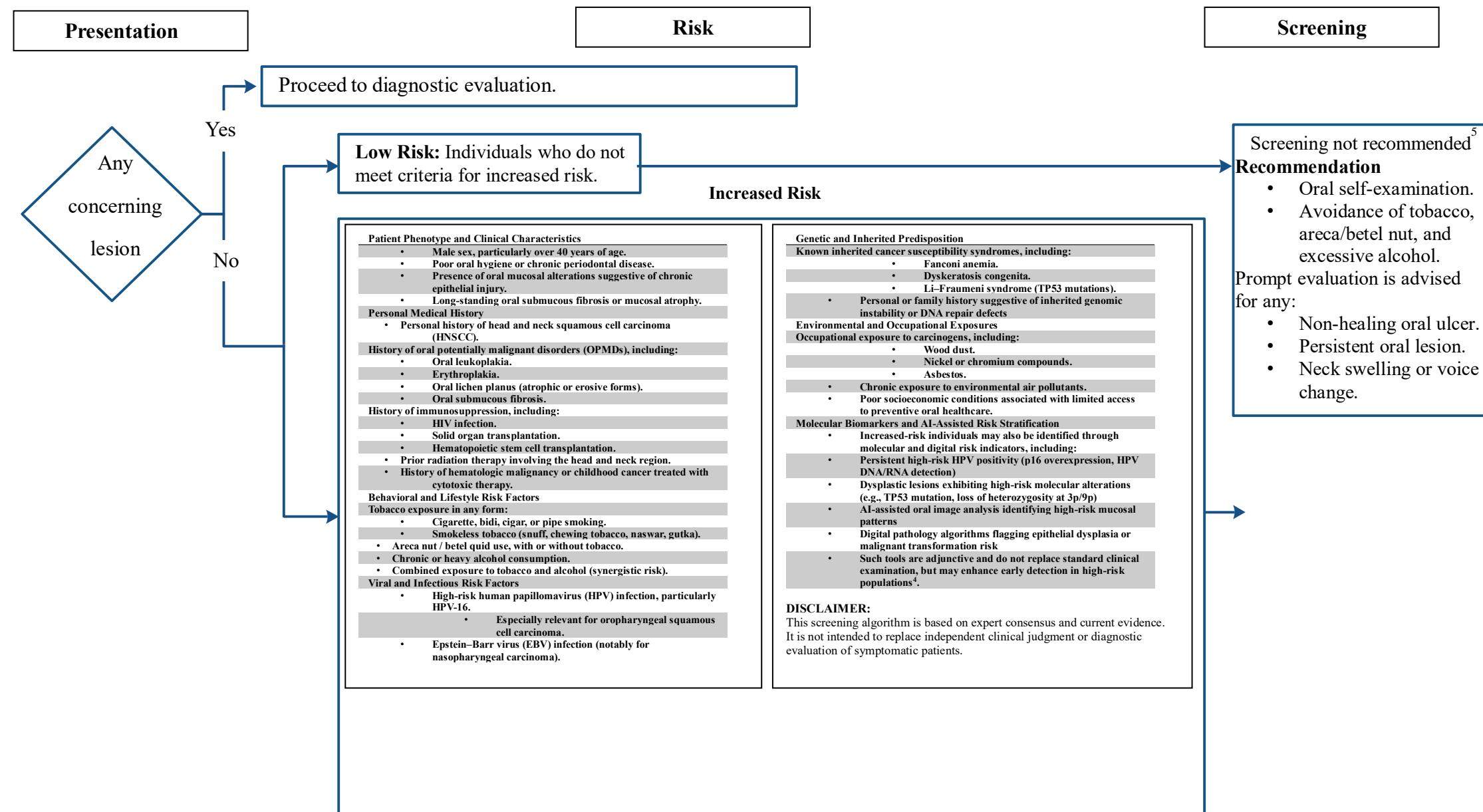


HEAD & NECK / ORAL CANCER SCREENING ALGORITHM

INTENT

Screening is intended for asymptomatic individuals who are candidates for and willing to undergo curative treatment.



Note: Screening should be offered only to asymptomatic individuals who are suitable candidates for curative treatment and are prepared to proceed with such intervention.

References:

1. Warnakulasuriya, S. (2009) 'Global epidemiology of oral and oropharyngeal cancer', *Oral Oncology*, 45(4–5), pp. 309–316. <https://doi.org/10.1016/j.oraloncology.2008.06.002>
2. Sankaranarayanan, R., Ramadas, K., Thara, S., et al. (2005) 'Effect of screening on oral cancer mortality in Kerala, India: a cluster-randomised controlled trial', *The Lancet*, 365(9475), pp. 1927–1933. [https://doi.org/10.1016/S0140-6736\(05\)66658-5](https://doi.org/10.1016/S0140-6736(05)66658-5)
3. Gillison, M.L., Koch, W.M., Capone, R.B., et al. (2000) 'Evidence for a causal association between human papillomavirus and a subset of head and neck cancers', *Journal of the National Cancer Institute*, 92(9), pp. 709–720. <https://doi.org/10.1093/jnci/92.9.709>
4. Leemans, C.R., Snijders, P.J.F. and Brakenhoff, R.H. (2018) 'The molecular landscape of head and neck cancer', *Nature Reviews Cancer*, 18(5), pp. 269–282. <https://doi.org/10.1038/nrc.2018.11>
5. World Health Organization (WHO) (2022) *WHO Classification of Head and Neck Tumours*. 5th edn. Lyon: IARC Press.

DEVELOPMENT CREDITS

This Head and Neck / Oral Cancer Screening framework is based on expert consensus and evidence-informed clinical practice in cancer prevention and early detection. The algorithm was developed using a multidisciplinary public health and pathology driven approach, tailored to community-based screening and high-risk population settings.

Core Development Team

Dr Sharjeel Chaudhry

BDS, MPhil Pathology (Molecular Pathology)

Head, Cancer Prevention Program.

Dr Zarmina Ehtesham

BDS, MPhil Pathology (Molecular Pathology).

Co-Developer, Cancer Screening & Prevention Initiative.