

# headandneck 5000

**Functional outcomes and quality of life after radiotherapy or surgery for early/intermediate stage oropharyngeal carcinoma**

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## **Scientific Outline**

### **Summary**

#### Background

In some patients with early and intermediate stage oropharyngeal carcinoma, radiotherapy as well as surgery would serve as a curative treatment option. Despite the lack of comparative clinical trials, survival seems comparable, but functional short and long term outcomes might differ between the two modalities (1,2). For this reason, we would like to develop a decision aid tool for this patient group in order to make a well informed decision regarding treatment. In order to provide these patients objective data on functional status, quality of life and survival, use of the Head and Neck 5000 database can offer a solution.

#### Methods

All patients with early/intermediate stage oropharyngeal carcinoma treated with radiotherapy or surgery included in the Head and Neck 5000 project will be analysed. First, groups will be compared regarding patient, tumour and treatment characteristics. Functional outcomes (e.g. diet and tube dependency), quality of life (e.g. EQ-5D and EORTC C30 and H&N35) and oncologic outcome in terms of tumour control and survival of both treatment modalities will be presented and compared.

**Keywords:** oropharyngeal carcinoma, surgery, radiotherapy, functional outcomes, quality of life