

JOINT EVENT

# 3<sup>rd</sup> European Otolaryngology-ENT Surgery Conference & 2<sup>nd</sup> International Conference on **Craniofacial Surgery**

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## Salvage total laryngectomy: The influence of previous treatment on the survival rate

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**Purposes:** The purpose of this work is to compare the complications and survival rate after different treatment modalities of advanced laryngopharyngeal cancer.

**Methodology:** The methodology involved a retrospective study included 619 advanced laryngopharyngeal carcinoma, treated with either primary total laryngectomy (PTL), or salvage (STL) after partial laryngectomy, radio- or chemoradiotherapy. Complications and survival rate were documented.

**Results:** Five years disease free survival rate amounted 60.9% for PTL, 54.3% for STL after partial laryngectomy, 50.0% for STL after radiotherapy, and 43.8% for STL after chemoradiotherapy. Histologically positive neck was highly significantly associated with worse prognosis, much more than recurrence within larynx.

**Conclusions:** PTL gives the best survival rate with low complications for advanced laryngopharyngeal squamous cell carcinoma. Complications and survival rate of STL significantly depend on previous treatment of laryngopharyngeal cancer.

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