

Outline

Trends in TORS

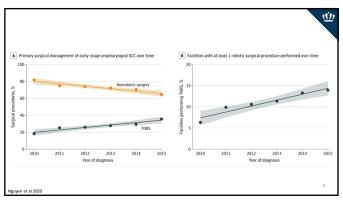
De-escalation strategies

Integrating TORS into practice
TORS as a tool to guide adjuvant therapy decisions

Future directions



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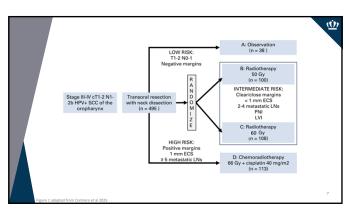


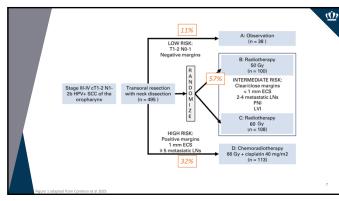
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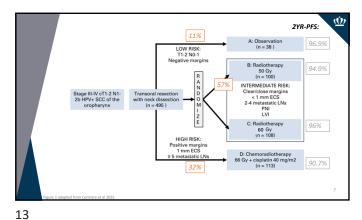
<u>(i)</u> **Phase II Randomized Trial of Transoral** Surgery and Low-Dose Intensity Modulated Radiation Therapy in Resectable p16+ Locally Advanced Oropharynx Cancer: An ECOG-ACRIN Cancer Research Group Trial (E3311) Aim: Evaluate TOS + reduced adjuvant RT in intermediate risk HPV+ OPC
 Methods: Phase II RCT, reduced- vs standard-dose PORT for stage III-lva HPV+ OPC
 Primary endpoint: 2yr-PFS

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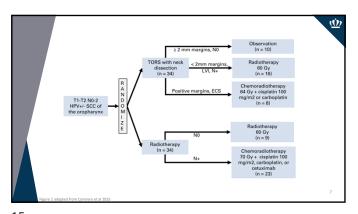


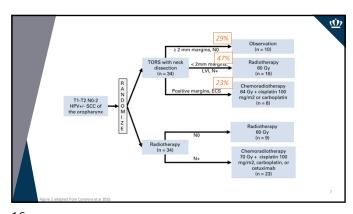


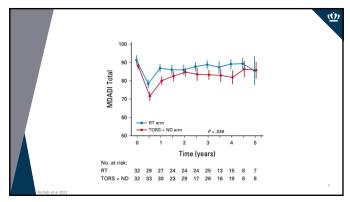
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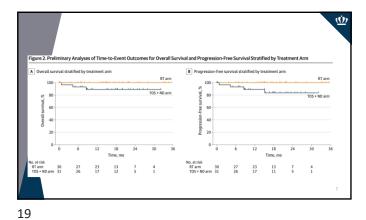


JAMA Oncology | Original Investigation Assessment of Toxic Effects and Survival in Treatment Deescalation With Radiotherapy vs Transoral Surgery for HPV-Associated Oropharyngeal Squamous Cell Carcinoma The ORATOR2 Phase 2 Randomized Clinical Trial Aim: To compare survival, toxicities and QOL between primary reduced-dose CRT and TOS with reduced-dose PORT

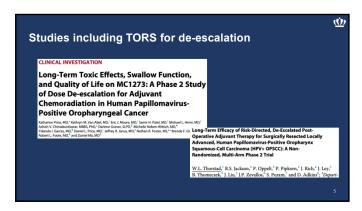
Methods: Phase II RCT, reduced-dose RT or TORS + ND +/- reduced-dose adjuvant therapy in T1-2, No-2

Primary endpoint: OS

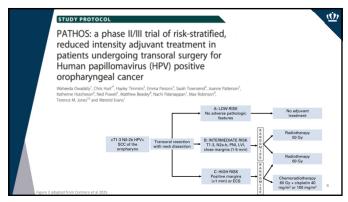
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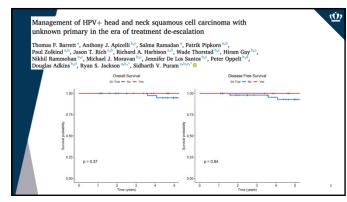












## Summary TORS serves as an important tool for tailoring patient-specific treatment selection in the era of de-escalation for HPV-positive oropharyngeal cancer. Careful patient selection to optimize the benefits of treatment de-escalation. Further studies to evaluate the integration of TORS with emerging therapies and its role in the unknown primary setting to a guide adjuvant therapy de-escalation.



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## 1. Oliver, Jamie R., et al. "Transcral robotic surgery adoption and safety in treatment of orophanyngeal cancers." Cancer 128.4 (2022): 685-698. 2. Moltent, Gabrinde, et al. "Toole of TORS as de-seculation strategy in HPV-related corphanyngeal cancers," Cancer 128.4 (2022): 685-698. 2. Moltent, Gabrinde, et al. "Toole of TORS as de-seculation strategy in HPV-related corphanyngeal cancer," what we need to know." Healthcare, Vol. 12. No. 10. MDRP, 2023. 3. Ferris, Robert, L. et al. "Transcribe trobics surgical reactions followed by productions to know the standed-dose MRT in resectable p16+ locally advanced." For the Company of t