ASHNR Learning Objectives

*Head and Neck Reconstruction Flaps*

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Learning Objectives:
1. Improve knowledge about the different types and expected appearance of head and neck reconstruction flaps
2. Develop a systematic approach to image review of the post operative patient
3. Recognize the imaging findings associated with local tumor recurrence and the imaging appearance of the more common complications affecting reconstruction flaps.

Presentation Summary:
A variety of complex reconstruction techniques are utilized to close surgical defects from head and neck neoplasms that necessitate wide local excisions. These reconstructions of transposed tissue, or flaps, are multipurpose – improving wound healing, patient function and cosmesis. Free flap reconstructions will be the main focus of this presentation. This presentation will cover the surgical evaluation of the flap harvest site, the different flap classifications and anatomy, and the postoperative imaging findings of many of the possible head and neck reconstruction flaps including examples of normal flap appearances, complications that can occur, and tumor recurrence.

Selected References: