



## Marianne Abouyared, M.D.

### Philosophy of Care

I feel honored to take part in my patients' cancer treatment and aim to provide them with the best treatment for their individual case. I strongly believe in a team-based approach, with the patient being an integral part of that team. Whether the patient needs a simple procedure or a more complex cancer surgery and reconstruction, we will work together towards achieving the best possible outcome.

### Clinical Interests

Dr. Abouyared is a fellowship-trained otolaryngologist who specializes in treating patients with both benign and malignant tumors of the head and neck. She believes in helping her patients achieve the best possible outcome by tailoring her care to each individual patient's needs. She treats patients with advanced skin cancers, thyroid/endocrine tumors, salivary gland tumors, and mucosal cancers of the head and neck. She has specific interests in microvascular reconstructive surgery and robotic surgery.

### Research/Academic Interests

Dr. Abouyared's research focus has primarily been on evaluating which factors influence head and neck cancer patients' outcomes, and has a particular interest in wound healing and malnutrition.

**Title** Assistant Professor

**Specialty** Skull Base Surgery, [Cancer](#), Robotic Surgery, Microvascular Reconstruction, Reconstructive Surgery

**Department** [Otolaryngology](#)

**Division** Head and Neck Surgery

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**Languages** Spanish

**Education** M.D., University of Miami Miller School of Medicine, Miami FL 2013  
B.A., Northwestern University, Evanston IL 2009

**Internships** Otolaryngology, University of Miami/Jackson Memorial Hospital, Miami FL 2013-2014

**Residency** Otolaryngology - Head and Neck Surgery, University of Miami/Jackson Memorial Hospital, Miami FL 2014-2018



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### Fellowships

Head & Neck Oncologic and Microvascular Reconstructive Surgery, University of Washington School of Medicine, Seattle WA 2018-2019

### Board Certifications

American Board of Otolaryngology - Head and Neck Surgery

### Professional Memberships

Alpha Omega Alpha  
American Academy of Otolaryngology - Head and Neck Surgery  
American Head and Neck Society  
American Medical Association

### Select Recent Publications

Solis RN, Mehrzad M, Faiq S, Frusciante RP, Sekhon HK, Abouyared M, Bewley AF, Farwell DG, Birkeland AC. The Impact of COVID-19 on Head and Neck Cancer Treatment: Before and During the Pandemic. *OTO Open*. 2021 Dec 23;5(4):2473974X211068075. doi:10.1177/2473974X211068075. PMID:34993385.

Chen J, Dennis SK, Abouyared M. Sarcopenia and microvascular free flap reconstruction. *Curr Opin Otolaryngol Head Neck Surg*. 2021 Oct 1;29(5):419-423. doi:10.1097/MOO.0000000000000756. PMID:34387288.

Marsden M, Weyers BW, Bec J, Sun T, Gandour-Edwards RF, Birkeland AC, Abouyared M, Bewley AF, Farwell DG, Marcu L. Intraoperative Margin Assessment in Oral and Oropharyngeal Cancer Using Label-Free Fluorescence Lifetime Imaging and Machine Learning. *IEEE Trans Biomed Eng*. 2021 Mar;68(3):857-868. doi:10.1109/TBME.2020.3010480. Epub 2021 Feb 18. PMID:32746066.

Clayton SM, Archard JA, Wagner J, Farwell DG, Bewley AF, Beliveau A, Birkeland A, Rao S, Abouyared M, Belafsky PC, Anderson JD. Immunoregulatory Potential of Exosomes Derived from Cancer Stem Cells. *Stem Cells Dev*. 2020 Mar 15;29(6):327-335. doi:10.1089/scd.2019.0197. Epub 2020 Jan 30. PMID:31856674.

Cash H, Abouyared M, Houlton JJ. Optimizing value in head and neck cancer free flap surgery. *Curr Opin Otolaryngol Head Neck Surg*. 2019 Oct;27(5):413-419. doi:10.1097/MOO.0000000000000570. PMID:31415262.



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Abouyared M, Kerr DA, Burroway B, Sabra J, Sargi Z, Nicolli E, Leibowitz J. Abnormal Microvasculature in Laryngectomy Mucosal Margins may be Associated with Increased Risk of Fistula. *Head Neck Pathol.* 2019 Sep;13(3):364-370. doi:10.1007/s12105-018-0974-7. Epub 2018 Oct 8. PMID:30298338.

Abouyared M, Katz AP, Ein L, Ketner J, Sargi Z, Nicolli E, Leibowitz JM. Controversies in free tissue transfer for head and neck cancer: A review of the literature. *Head Neck.* 2019 Sep;41(9):3457-3463. doi:10.1002/hed.25853. Epub 2019 Jul 9. PMID:31286627.

Weed DT, Zilio S, Reis IM, Sargi Z, Abouyared M, Gomez-Fernandez CR, Civantos FJ, Rodriguez CP, Serafini P. The Reversal of Immune Exclusion Mediated by Tadalafil and an Anti-tumor Vaccine Also Induces PDL1 Upregulation in Recurrent Head and Neck Squamous Cell Carcinoma: Interim Analysis of a Phase I Clinical Trial. *Front Immunol.* 2019 May 31;10:1206. doi:10.3389/fimmu.2019.01206. PMID:31214178.

Qureshi HA, Abouyared M, Barber B, Houlton JJ. Surgical Options for Locally Advanced Oropharyngeal Cancer. *Curr Treat Options Oncol.* 2019 Apr 1;20(5):36. doi:10.1007/s11864-019-0621-x. PMID:30931485.

Rivera A, Raymond M, Grobman A, Abouyared M, Angeli SI. The effect of n-acetyl-cysteine on recovery of the facial nerve after crush injury. *Laryngoscope Investig Otolaryngol.* 2017 Apr 10;2(3):109-112. doi:10.1002/lio2.68. PMID:28894829.

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