

# DAVIDE DI SANTO, M.D.

24/08/1987



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## OCCUPATION

**Staff Member since November 2018 at Department of Otorhinolaryngology – Head and Neck Surgery, San Raffaele Hospital, Milan, Italy**

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## EDUCATION

### **Vita-Salute San Raffaele University, Milan, Italy**

August 2013 – August 2018: Specialization in Otorhinolaryngology and Head and Neck Surgery, final grade 70/70 cum laude

Thesis: “Accuracy of Multiparametric Magnetic Resonance Imaging vs. Fine Needle Aspiration Cytology in the Preoperative Work-up of Parotid Gland Tumors Surgically Treated”.

### **Vita-Salute San Raffaele University, Milan, Italy**

October 2006 – July 2012: Medical Degree, final grade 110/110 cum laude

Thesis: “Studio di Neuroplasticity in Pazienti con Recupero Fonatorio dopo Chirurgia Oncologica Laringea” [Neuroplasticity in patients who recovered phonatory function after laryngeal cancer surgery].

### **High School: Liceo Scientifico Filippo Masci, Chieti, Italy**

2001 – 2006, final grade 100/100

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## COURSES

5 – 9 February 2018: **The European School of Oncology – University Post-graduate Course – Clinical Oncology: Head & Neck Cancers.** Milan, Italy

20 – 23 March 2018: **2° Corso Base di Microchirurgia Ricostruttiva.** [Course on microsurgical reconstruction] Milan, Italy

9 - 11 October 2019: **12th European Head and Neck Course**. Amsterdam, The Netherlands.

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#### ABROAD EXPERIENCES

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13 - 27 January 2017: **Observer and active participant at Department of Otorhinolaryngology - section Head and Neck Oncology, UZ Leuven, Belgium**  
Tutor: Prof. Vincent Vander Poorten

5 - 31 August 2019: **Visiting Scholarship at the Reconstructive Microsurgery Center, Department of Plastic Surgery, Chang Gung Memorial Hospital, Taipei, Taiwan**  
Director: Prof. Fu-Chan Wei

[Scheduled] 6 - 17 July 2020: **Observership at the Department of Otolaryngology - Head & Neck Surgery, University Health Network, Toronto General Hospital, Toronto, Canada**  
Sponsor: Prof. Ralph Gilbert

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#### PARTICIPATION TO CLINICAL TRIALS

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January 2017 to October 2018: **Co-investigator for the randomized double-blind international clinical trial EFC-14146 sponsored by Sanofi about the efficacy of dupilumab on chronic rhinosinusitis with polyposis.**

February 2019 - Recruiting: **Principal Investigator of the monocentric prospective clinical trial "Accuracy of Multiparametric Magnetic Resonance Imaging Versus Fine Needle Aspiration Cytology in the Preoperative Work-Up of Parotid Gland Neoplasms", NCT03849482.**

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#### MEDICAL PUBLICATIONS

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**Pre-operative transnasal endoscopy as a predictor of difficult airway: A prospective cohort study.**

Gemma M, Buratti L, Di Santo D, Calvi MR, Ravizza A, Bondi S, Bussi M, Beretta L. Eur J Anaesthesiol. 2020 Feb;37(2):98-104 PMID: 31789897

**Qualità di vita e soddisfazione a lungo termine nei pazienti sottoposti a protesizzazione fonatoria.**

Giordano L, Biafora M, Galli A, Lira Luce F, Tulli M, Di Santo D, Bussi M.

In: Relazione Ufficiale del 65° Raduno del Gruppo Otorinolaringologico Alta Italia 2019 – Aspetti post-chirurgici riabilitativi medico-legali delle alterazioni della voce (capitolo V). Ed: Pecorari G. 2019.

**Fine needle aspiration cytology for parotid neoplasms: risk of malignancy through inconclusive results and lower grade tumors.**

Galli A, Tulli M, Giordano L, Biafora M, Di Santo D, Bondi S, Piccioni LO, Bussi M. Eur Arch Otorhinolaryngol. 2019 Nov 19. [Epub ahead of print] PMID: 31745630

**Voice prosthesis rehabilitation after total laryngectomy: are satisfaction and quality of life maintained over time?**

Galli A, Giordano L, Biafora M, Tulli M, Di Santo D, Bussi M. Acta Otorhinolaryngol Ital. 2019 Jun;39(3):162-168. PMID: 31131835

**Radial vs ulnar forearm flap: a preliminary study of donor site morbidity.**

Bertino G, Lepenne Y, Tinelli C, Giordano L, Cacciola S, Di Santo D, Occhini A, Benazzo M, Bussi M. Acta Otorhinolaryngol Ital. 2019 Oct;39(5):322-328. PMID: 30933177

**Long-term Swallowing Function, Pulmonary Complications, and Quality of Life after Supracricoid Laryngectomy.**

Di Santo D, Bondi S, Giordano L, Galli A, Tulli M, Ramella B, Bussi M. Otolaryngol Head Neck Surg. 2019 Aug;161(2):307-314. PMID: 30857475

**The Supraclavicular Artery Island Flap (SCAIF) in head and neck reconstruction: an Italian multi-institutional experience.**

Giordano L, Di Santo D, Bondi S, Marchi F, Occhini A, Bertino G, Grammatica A, Parrinello G, Peretti G, Benazzo M, Nicolai P, Bussi M. Acta Otorhinolaryngol Ital. 2018 Dec;38(6):497-503. PMID: 30623895

**The importance of clinical history in suspected otosclerosis: a case report.**

Tulli M, Gatti O, Galli A, Ferraro M, Di Santo D, Piccioni LO. Hearing, Balance and Communication (2018), 16:2, 126-129  
DOI:10.1080/21695717.2018.1461486

**Diagnosis and Treatment of Laryngeal Schwannoma: A Systematic Review.**

Tulli M, Bondi S, Smart CE, Giordano L, Trimarchi M, Galli A, Di Santo D, Biafora M, Bussi M. Otolaryngol Head Neck Surg. 2018 Feb;158(2):222-231. PMID: 29039258

**Columella reconstruction with an inferiorly-based philtral advancement flap in a cocaine abuser.**

Di Santo D, Trimarchi M, Galli A, Bussi M. Indian J Plast Surg. 2017 Jan-Apr;50(1):96-99. PMID: 28615819

**Rupture of the extracranial carotid artery caused by misdiagnosed infected pseudoaneurysm during deep cervical abscess drainage: A case report.**

Di Santo D, Giordano L, Bertazzoni G, Galli A, Tulli M, Bussi M.

Auris Nasus Larynx. 2017 Jun;44(3):355-358. PMID 27346681

**Open partial horizontal laryngectomies: is it time to adopt a modular form of consent for the intervention?**

Giordano L, Di Santo D, Crosetti E, Bertolin A, Rizzotto G, Succo G, Bussi M.

Acta Otorhinolaryngol Ital. 2016 Oct;36(5):403-407. PMID 27958601

**Oncological and complication assessment of CO2 laser-assisted endoscopic surgery for T1-T2 glottic tumours: clinical experience.**

Galli A, Giordano L, Sarandria D, Di Santo D, Bussi M.

Acta Otorhinolaryngol Ital. 2016 Jun;36(3):167-73. PMID 27214828

**Supraclavicular artery island flap (SCAIF): a rising opportunity for head and neck reconstruction.**

Giordano L, Di Santo D, Occhini A, Galli A, Bertino G, Benazzo M, Bussi M.

Eur Arch Otorhinolaryngol. 2016 Dec;273(12):4403-4412. PMID 27170317

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#### CONGRESS OR COURSE PRESENTATIONS AS A SPEAKER

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D. Di Santo. **Tumori parotidei: innovazione ed utilizzo razionale degli strumenti diagnostici. Analisi dell'accuratezza e dei costi.** [Parotid gland tumors: innovation and rational application of diagnostic tools. Analysis of accuracy and costs] Presented at 106° Congresso Nazionale Società Italiana Otorinolaringoiatria (SIOeChCF), Rimini, Italy, May 2019.

D. Di Santo. **Work-up preoperatorio - Tavola Rotonda: Iter diagnostico e terapeutico delle neoplasie maligne della parotide.** [Preoperative work-up - Round Table on diagnostic and therapeutic approach to malignant tumors of the parotid gland] Presented at 106° Congresso Nazionale Società Italiana Otorinolaringoiatria (SIOeChCF), Rimini, Italy, May 2019.

D. Di Santo. **Modificazioni anatomico-funzionali dopo laringectomia totale.** [Anatomic and functional modification after total laryngectomy] Presented at Corso di Aggiornamento - Riabilitazione fonatoria e polmonare dei pazienti laringectomizzati - Prima Edizione, Milan, Italy, September 2018 and Seconda Edizione, Milan, September 2019.

D. Di Santo, S. Bondi, L. Giordano, A. Galli, M. Tulli, M. Bussi. **Studio della funzione deglutitoria a lungo termine dopo laringectomia parziale sovracricoidea. Risultati in termini di inalazione cronica e complicanze polmonari, analisi dei possibili fattori favorevoli e della qualità di vita.** [Long-term swallowing function after supracricoid partial laryngectomy. Results in terms of chronic aspiration, pulmonary complications and possible

influencing factors] Presented at 105° Congresso Nazionale Società Italiana Otorinolaringoiatria (SIOeChCF), Naples, Italy, May 2018.

D. Di Santo. **Long-term swallowing function, complications and quality of life after supracricoid laryngectomy.** Presented at 8<sup>th</sup> European Congress on Head and Neck Oncology (ECHNO), Rome, Italy, April 2018.

D. Di Santo. **Carcinoma primitivo della commissura anteriore a corde mobili: una difficile scelta terapeutica.** [Primitive carcinoma of the anterior commissure: a difficult management] Presented at Meeting Nazionale Academy AUORL, Milan, Italy, November 2017.

D. Di Santo, L. Giordano, A. Occhini, G. Bertino, M. Benazzo, M. Bussi. **Il lembo sovraclaveare nella ricostruzione testa-collo.** [Supraclavicular flap in head and neck reconstruction] Presented at 104° Congresso Nazionale Società Italiana Otorinolaringoiatria (SIOeChCF), Sorrento, Italy, May 2017.

D. Di Santo, L. Giordano, M. Bussi. **Head and Neck Reconstruction with Supraclavicular Artery Island Flap: Indications, Technique and Outcome.** Presented at 123ème Congrès de la Société Française d'Oto-Rhino-Laryngologie et de Chirurgie de la Face et du Cou (SFORL), Paris, France, October 2016.

D. Di Santo. **Rottura dell'Arteria Carotide durante il drenaggio chirurgico di un ascesso profondo del collo, causata da uno Pseudoaneurisma Infetto non diagnosticato.** [Rupture of the extracranial carotid artery caused by misdiagnosed infected pseudoaneurysm during deep cervical abscess drainage] Presented at VI Convegno Annuale Gruppo Oncologico Lombardo (GLO), Milan, Italy, April 2016.

D. Di Santo, L. Giordano, F. Pilolli, S. Toma, M. Bussi. **Metastasi parafaringee da carcinoma tiroideo: revisione della letteratura ed exeresi mediante tecnica mini-invasiva video-assistita in due casi.** [Parapharyngeal space metastasis from differentiated thyroid cell carcinoma: literature review and mini-invasive surgical approach] Presented at 101° Congresso Nazionale Società Italiana Otorinolaringoiatria (SIOeChCF), Catania, Italy, May 2014.

D. Di Santo, S. Toma, M. Bussi. **Neuroplasticity in patients with voice recovery after larynx surgery: a functional magnetic resonance imaging study.** Presented at 2° Meeting of european academy of ORL - HNS and CEORL - HNS, Nice, France, April 2013.

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## POSTERS

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D. Di Santo, S. Bondi, B. Ramella, M. Biafora, L. Giordano, M. Bussi. **Long-term swallowing outcome after Supracricoid Partial Laryngectomy.** Presented at IFOS ENT World Congress, Paris, France, June 2017.

D. Di Santo, L. Giordano, S. Toma, M. Bussi. **Svuotamento del comparto posteriore del collo per recidiva di carcinoma squamocellulare della cute nucale.** [Dissection of the posterior neck compartment for a squamous cell carcinoma of the occipital skin] Presented at 5° Congresso Nazionale AIOCC, Rome, Italy, March 2015.

D. Di Santo, S. Toma, M. Biafora, L. Giordano, M. Bussi. **Ricostruzione mediante lembo peduncolato sovraclaveare in un caso di recidiva di carcinoma sarcomatoide parotideo.** [Supraclavicular flap for reconstruction after removal of undifferentiated carcinoma of the parotid gland] Presented at 3° Congresso Nazionale AIOCC, Milan, Italy, March 2013.

D. Di Santo, L. Giordano, M. Bussi. **A rare case of ectopic, normally functioning thyroid tissue.** Presented at 3° Congresso Nazionale AIOCC, Milan, Italy, March 2013.

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#### CADAVER DISSECTION COURSES

Primo Corso di Dissezione dei Lembi Microvascolari Head & Neck con tecnologie innovative [Microvascular flap rising course], ICLO Teaching and Research Center, Verona, Italy, March 2019.

Corso di Anatomia Chirurgica Endoscopica dei Seni Paranasali e della Base Cranica [Paranasal sinuses and skull base anatomy and endoscopic surgery course], ICLO Teaching and Research Center, Verona, Italy, October 2017.

AUORL Dissection Course (sections Ear, Nose, Neck and Thyroid), ICLO Teaching and Research Center, Arezzo, Italy, December 2016.

AUORL Dissection Course (sections Ear, Nose, Neck and Salivary Glands), ICLO Teaching and Research Center, Arezzo, Italy, December 2015.

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#### MEMBER OF CONGRESS SCIENTIFIC COMMITTEE

107° Congresso Nazionale della Società Italiana di Otorinolaringoiatria e Chirurgia Cervico-Facciale (SIOeChCF), Milan, expected 20-23 May 2020: Scientific Committee Coordinator.

Academy AUORL 2016 - Incontro con gli specializzandi, Milan, 2-3 December 2016. Member of Scientific Committee.

3° Congresso Nazionale AIOCC - Oncologi cervico - cefalica: Dove possiamo migliorare? Milan, 11-12 March 2013. Member of Scientific Committee.

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## PROFESSIONAL MEMBERSHIPS

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**Società Italiana di Otorinolaringoiatria e Chirurgia Cervico-Facciale** [Italian Society of Otorhinolaryngology and Head-Neck Surgery], Member since 2015.

**Società Italiana di Microchirurgia** [Italian Society of Microsurgery], Member since 2018.

**Multidisciplinary Salivary Gland Society**, Member since 2018.

**Associazione Italiana di Oncologia Cervico-Cefalica** [Italian Association of Head-Neck Oncology], Member since 2019.

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## PERSONAL SKILLS

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Mother Tongue: **Italian**

Other Languages: **English, French**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	C1	C1	C1	C1	C1
<b>French</b>	C1	C1	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
Common European Framework of Reference for Languages

First Aid: **Basic Life Support and Defibrillation Degree, Pediatric Basic Life Support and Defibrillation Degree**

Digital Competence: **Good command of office suite (word processor, spread sheet, presentation software)**

Driving Licences: **A3 (motorbikes, any kind), B (cars)**

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## PERSONAL INTERESTS

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Sports, extreme sports.