



Francesco Missale

Curriculum Vitae

Personal Information

Name **Francesco MISSALE**
Address Via S.Gottardo 11, BRESCIA, IT
Telephone (+39) 3395662779
E-mail missale.francesco@gmail.com
f.missale@unibs.it
Nationality Italian
Date of birth 19 June 1989

Current position

from **Fellow and Researcher in Department of Head & Neck Oncology & Surgery**
1/6/2021 **at the Netherlands Cancer Institute - Antoni van Leeuwenhoek Amsterdam**
(Nederland), Supervisors: Prof L.E. Smeele and M. Klop.

from **PhD Student - PhD Program Precision Medicine, University of Brescia** *Brescia (Italy)*,
1/11/2019 Research project: "Immune contexture monitoring in Head and Neck cancer",
Supervisor: Prof W. Vermi (Pathology Department).

Clinical and Research interests: Head and Neck Cancer, Salivary gland tumors, Laryngology, Transoral Laser Microsurgery, Laryngotracheal stenosis, Traslational medicine, Tumor microenvironment, Digital pathology, Biostatistics, Bioinformatics.

Working Experience

from **ENT consultant; IRCCS Ospedale Policlinico San Martino; 28 working**
6-05-2020 to **hours/week** *Genova (Italy)*, "Incarico libero professionale per lo svolgimento di
5-05-2021 attività ambulatoriale di secondo livello della patologia delle ghiandole salivari e relativo inquadramento diagnostico, trattamento e follow up".

Education

- from 1/11/2015 to 31/10/2019 **Resident in Otorhinolaryngology and Head & Neck surgery** *Genova (Italy)*, *Final mark: 50/50 cum laude*, Dissertation Thesis: "Study of the tumor immune microenvironment in laryngeal squamous cell carcinoma: oncological outcomes and association analysis with clinical and pathological features".
Supervisor: Prof. G. Peretti (ORL Department);
Cosupervisor: Prof W. Vermi (Pathology Department)
- July 2015 **Medical license**, *University of Brescia (Italy)*.
- from 1/10/2008 to 27/3/2015 **Master Degree in Medicine and Surgery, University of Brescia (Italy)**, *Final mark: 110/110 cum laude*, Thesis in Otorhinolaryngology: "Tumor-associated Neutrophils. Study of the biologic and prognostic significance of tumoral and peripheral neutrophils in oral cavity squamous cell carcinoma".
Supervisor: Prof. P. Nicolai (ORL Department);
Cosupervisor: Prof W. Vermi (Pathology Department)
- July 2007 **High school degree**, "*Liceo Scientifico Niccolo' Copernico*", *Brescia (Italy)*, Final mark: 100/100.

Languages

- Italian **Native Tongue**
- English **Reading: Excellent; Writing: Excellent; Speaking: Good**
- Dutch **Reading: B1; Writing: B1; Speaking: B1** *OLS Erasmus Language Assessment - 11-01-2021*

Technical skills

- Excellent knowledge of Microsoft Windows and use of Microsoft Office Word, PowerPoint, Excel, R, GraphPad Prism and SPSS
- Excellent knowledge of Mac OSX operative system and Adobe Lightroom, Photoshop, Premiere-Pro software.
- Good knowledge of \LaTeX and STATA.
- Good ability in digital microscopy analysis with Image-Scope software (Leica)

Research visits

- 4th November 2019 - 20th December 2019: Department of Head and Neck Oncology and Surgery, The Netherlands Cancer Institute, Amsterdam, The Netherlands (Prof. Michiel van den Brekel) (Observership)
- 18th March 2019 - 4th May 2019 Department of Head and Neck Oncology and reconstructive surgery, Amrita Institute of Medical Sciences, Kochi, India (Prof. Subramania Iyer) (Observership)
- 14th January 2019 - 8th February 2019: Department of Head and Neck Oncology and Surgery, The Netherlands Cancer Institute, Amsterdam, The Netherlands (Prof. Michiel van den Brekel) (Observership)
- September 2013: Servico de Otorinolaringologia. Hospital da Universidade de Coimbra, Coimbra, Portugal (Prof. Antonio M. Diogo De Paiva) (Professional Exchange Program - IFMSA)

Awards

European Society of Surgical Oncology (ESSO) Fellowship Grant 2019 - 2020 (Observership Department of Head and Neck Oncology and Surgery, The Netherlands Cancer Institute, Amsterdam, Netherlands Nov-Dec 2019)

The Patrick Bradley Oncology Prize (12th Congress of the European Laryngological Society, London, 16-19 May 2018)

Editorial activity

Since 23 February 2021: **Review Editor** in Frontiers in Surgery, section Otorhinolaryngology - Head and Neck Surgery

Reviewer of the journal "Eurasian Journal of Medicine and Oncology", KARE Publisher

Reviewer of the journal "The Laryngoscope", Wiley-Blackwell Publisher

Reviewer of the journal "Frontiers in Oncology", Frontiers Publisher

Metrics

Google Scholar

- H-index: 9
- Citations: 285
- Papers: 39

Scopus

- H-index: 7
- Citations: 200
- Papers: 31

Tutoring

30 October 2020:

Co-supervisor of the Thesis Dissertation in Medicine and Surgery at University of Genoa

Title: Studio retrospettivo multicentrico sul ruolo dello svuotamento laterocervicale elettivo nel trattamento dei carcinomi glottici laringei in stadio intermedio di malattia

Candidate: Alessandro Tirrito

7 March 2021:

Co-supervisor of the Thesis Dissertation in Medicine and Surgery at University of Brescia

Title: Studio del microambiente immunologico nel carcinoma squamoso della laringe. Correlati clinico-patologici.

Candidate: Giulia Palmerini

Societies affiliation

Italian Society of Microsurgery (SIM) since 2019
European Society of Surgical Oncology (ESSO) since 2019
European Laryngological Society (ELS) since 2019
Italian Society of Otorhinolaryngology (SIO) since 2020

Publications

1. Fenoglio D, Belgioia L, Parodi A, **Missale F**, Bacigalupo A, Tarke A, Incandela F, Negrini S, Vecchio S, Altosole T, Vlah S, Astone G, Costabile F, Ascoli A, Ferrera F, Schenone G, De Palma R, Signori A, Peretti G, Corvó R, Filaci G. Development of Exhaustion and Acquisition of Regulatory Function by Infiltrating CD8+CD28- T Lymphocytes Dictate Clinical Outcome in Head and Neck Cancer. *Cancers*. 2021; 13(9):2234. <https://doi.org/10.3390/cancers13092234>
2. Lonardi, S.#, **Missale F#**. Calza, S., Bugatti, M., Vescovi, R., Debora, B., Uppaluri, R., Egloff, A. M., Mattavelli, D., Lombardi, D., Benerini Gatta, L., Marini, O., Tamassia, N., Gardiman, E., Cassatella, M. A., Scapini, P., Nicolai, P., & Vermi, W. (2021). Tumor-associated neutrophils (TANs) in human carcinoma-draining lymph nodes: a novel TAN compartment. *Clinical & translational immunology*, 10(2), e1252. <https://doi.org/10.1002/cti2.1252>. #equally contributed
3. Balasubramanian D, Subramaniam N, **Missale F#**, Marchi F, Dokhe Y, Vijayan S, Nambiar A, Mattavelli D, Calza S, Bresciani L, Piazza C, Nicolai P, Peretti G, Thankappan K, Iyer S. Predictive nomograms for oral tongue squamous cell carcinoma applying the American Joint Committee on Cancer/Union Internationale Contre le Cancer 8th edition staging system. *Head Neck*. 2021 Feb 2. doi: 10.1002/hed.26554. Epub ahead of print. PMID: 33529403.
4. Carobbio ALC, Vallin A, Ioppi A, Missale F, Ascoli A, Mocellin D, Bagnasco D, Mora R, Peretti G, Canevari FRM. Application of bioendoscopy filters in endoscopic assessment of sinonasal Schneiderian papillomas. *Int Forum Allergy Rhinol*. 2021 Jan 12. doi: 10.1002/alr.22760. Epub ahead of print. PMID: 33438339.
5. Picchiotti N, Salvioli M, Zanardini E, **Missale F#**. COVID-19 pandemic: a mobility-dependent SEIR model with undetected cases in Italy, Europe, and US. *Epidemiol Prev*. 2020 Sep-Dec;44(5-6 Suppl 2):136-143. English. doi: 10.19191/EP20.5-6.S2.112. PMID: 33412804. #equally contributed
6. Carobbio ALC, **Missale F***, Fragale M, Mora F, Guastini L, Parrinello G, Canevari FRM, Peretti G, Mattos LS. Transoral laser microsurgery: feasibility of a new exoscopic HD-3D system coupled with free beam or fiber laser. *Lasers Med Sci*. 2021 Jan 3. doi: 10.1007/s10103-020-03221-w. Epub ahead of print. PMID: 33389311. *corresponding author
7. Lombardi D, Tomasoni M, Paderno A, Mattavelli D, Ferrari M, Battocchio S, **Missale F**, Mazzola F, Peretti G, Mocellin D, Borsetto D, Fussey JM, Nankivell P, Skalidi N, Bussi M, Giordano L, Galli A, Arrigoni G, Raffetti E, Pracy P, Vander Poorten V, Nicolai P. The impact of nodal status in major salivary gland carcinoma: A multicenter experience and proposal of a novel N-classification. *Oral Oncol*. 2020 Oct 30;112:105076. doi: 10.1016/j.oraloncology.2020.105076.

Epub ahead of print. PMID: 33137587.

8. Filauro M, **Missale F**, Marchi F, Iandelli A, Carobbio ALC, Mazzola F, Parrinello G, Barabino E, Cittadini G, Farina D, Piazza C, Peretti G. Intraoral ultrasonography in the assessment of DOI in oral cavity squamous cell carcinoma: a comparison with magnetic resonance and histopathology. *Eur Arch Otorhinolaryngol.* 2020 Oct 21. doi: 10.1007/s00405-020-06421-w. Epub ahead of print. PMID: 33084951.
9. Marchi, F.#; **Missale Francesco#**; Sampieri, C.; Filauro, M.; Iandelli, A.; Parrinello, G.; Incandela, F.; Smeele, L.E.; van den Brekel, M.W.M.; Del Bon, F.; Nicolai, P.; Piazza, C.; Peretti, G. Laryngeal Compartmentalization Does Not Affect the Prognosis of T3-T4 Laryngeal Cancer Treated by Upfront Total Laryngectomy. *Cancers* 2020, 12, 2241. doi: <https://doi.org/10.3390/cancers12082241> #equally contributed
10. Mora, F.; Carta, F.; **Missale Francesco***; Laborai, A.; Parrinello, G.; Piazza, C.; Puxeddu, R.; Peretti, G. Laryngeal Mid-Cord Erythroleukoplakias: How to Modulate the Transoral CO2 Laser Excisional Biopsy. *Cancers* 2020, 12, 2165. doi: <https://doi.org/10.3390/cancers12082165> *corresponding author
11. Incandela F#, **Missale Francesco*#**, Mora F, Marchi F, Fiz I, Piazza C, et al. Transoral management of adult benign laryngeal stenosis. *Eur Arch Oto-Rhino-Laryngology.* 2020; doi: <https://doi.org/10.1007/s00405-020-06210-5>. *corresponding author; #equally contributed
12. Carobbio ALC, Filauro M, Parrinello G, **Missale Francesco***, Peretti G. Microsurgical procedures during COVID-19 pandemic: the VITOM 3D-HD exoscopic system as alternative to the operating microscope to properly use personal protective equipment (PPE). *Eur Arch Oto-Rhino-Laryngology.* 2020; doi: <https://doi.org/10.1007/s00405-020-06239-6> *corresponding author
13. Parrinello G, **Missale Francesco***, Sampieri C, Carobbio ALC, Peretti G. Safe management of laryngectomized patients during the COVID-19 pandemic. *Oral Oncol.* 2020;107:104742. doi: <https://doi.org/10.1016/j.oraloncology.2020.104742> *corresponding author
14. Giulio Eugenio Mandelli#, **Missale Francesco#**, Debora Bresciani, Luisa Benerini Gatta, Patrizia Scapini, Elena Cavegion, Elisa Roca, Mattia Bugatti, Matilde Monti, Luca Cristinelli, Sandra Belotti, Claudio Simeone, Stefano Calza, Laura Melocchi and William Vermi. Tumor Infiltrating Neutrophils Are Enriched in Basal-Type Urothelial Bladder Cancer. *Cells* 9.2 (2020): 291. #equally contributed
15. Narayana Subramanian, Filippo Marchi, Andrea Luigi Camillo **Missale Francesco**, Deepak Balasubramanian, Krishnakumar Thankappan, Subramania Iyer. Induction Chemotherapy in Sinonasal Malignancies: A Review of Literature. *Journal of Head & Neck Physicians and Surgeons*, 2019, 7.2: 52.
16. Filauro M, Mazzola F, **Missale F***, Canevari FR, Peretti G. Endoscopic preoperative assessment, classification of stenosis, decision-making. *Journal: Frontiers in pediatrics.* 2020, 7: 532. *corresponding author

17. **Missale F***, Fragale M, Incandela F, Roustan V, Arceri C, Barieri A, Canevari FR, Peretti G, Bar-
bieri M. Outcome predictors for non-resective pharyngoplasty in obstructive sleep apnea-hypopnea
syndrome. *Sleep and Breathing*. 2019, 1-10. *corresponding author
18. Fiz I, Monnier P, Koelmel JC, Di Dio D, Fiz F, **Missale F**, Piazza C, Peretti G, Sittel C. Multi-
centric study applying the european laryngological society classification of benign laryngotracheal
stenosis in adults treated by tracheal or cricotracheal resection and anastomosis. *Laryngoscope*.
2019 Sep 11. doi: 10.1002/lary.28274
19. Gatta LB, Melocchi L, Bugatti M, **Missale F**, Lonardi S, Zanetti B, Cristinelli L, Belotti S,
Simeone C, Ronca R, Grillo E, Licini S, Bresciani D, Tardanico R, Chan SR, Giurisato E, Cal-
za S, Vermi W. Hyper-Activation of STAT3 Sustains Progression of Non-Papillary Basal-Type
Bladder Cancer via FOSL1 Regulome. *Cancers (Basel)*. 2019 Aug 21;11(9). pii: E1219. doi:
10.3390/cancers11091219.
20. Marchi F #, **Missale F*#**, Incandela F, Filauro M, Mazzola F, Mora F, Paderno F, Parrinello
G, Piazza C, Peretti G. Prognostic Significance of Peripheral T-Cell Subsets in Laryngeal
Squamous Cell Carcinoma. *Laryngoscope Investigative Otolaryngology*. 2019, August 10. DOI:
10.1002/lio2.304 *corresponding author; # equally contributed
21. Marchi F, Filauro M, **Missale F**, Parrinello G, Incandela F, Bacigalupo A, Vecchio S, Piazza C
& Peretti G. A Multidisciplinary Team Guided Approach to the Management of cT3 Laryngeal
Cancer: A Retrospective Analysis of 104 Cases. *Cancers* 2019, 11, 717
22. Mattavelli D, Lombardi D, **Missale F**, Calza S, Battocchio S, Paderno A, Bozzola A, Bossi P,
Vermi W, Piazza C & Nicolai P (2019) Prognostic Nomograms in Oral Squamous Cell Carcinoma:
The Negative Impact of Low Neutrophil to Lymphocyte Ratio. *Front. Oncol.* 9:339. doi:
10.3389/fonc.2019.00339
23. Barbieri M, **Missale F***, Incandela F, Fragale M, Barbieri A, Roustan V, Canevari F.R & Peretti
G. Barbed suspension pharyngoplasty for treatment of lateral pharyngeal wall and palatal collapse
in patients affected by OSAHS. *Eur Arch Otorhinolaryngol* 2019, 10.1007/s00405-019-05426-4,
doi:10.1007/s00405-019-05426-4. *corresponding author
24. Fiz I, Monnier P, Koelmel J.C, Di Dio D, Torre M, Fiz F, **Missale F**, Piazza C, Peretti G &
Sittel C. Implementation of the European Laryngological Society classification for pediatric benign
laryngotracheal stenosis: a multicentric study. *Eur Arch Otorhinolaryngol* 2019, 276, 785-792,
doi:10.1007/s00405-019-05353-4.
25. Belgioia, L.; Bacigalupo, A.; **Missale F.**; Vecchio, S.; Chiola, I.; Callegari, S.; Verzanini, E.;
Peretti, G.; Corvó, R. Individualized treatment of head neck squamous cell carcinoma patients
aged 70 or older with radiotherapy alone or associated to cisplatin or cetuximab: impact of weekly
radiation dose on loco-regional control. *Med Oncol* 2019, 36, 42, doi:10.1007/s12032-019-1264-2.
26. Del Bon, F.; Piazza, C.; Lancini, D.; Paderno, A.; Bosio, P.; Taboni, S.; Morello, R.; Montalto, N.;

Missale, F.; Incandela, F., et al. Open Partial Horizontal Laryngectomies for T3(-)T4 Laryngeal Cancer: Prognostic Impact of Anterior vs. Posterior Laryngeal Compartmentalization. *Cancers (Basel)* 2019, 11, doi:10.3390/cancers11030289.

27. Incandela F, Paderno A, **Missale F**, Laborai A, Filauro M, Mora F, Del Bon F, Piazza C & Peretti G. Glottic Exposure for Transoral Laser Microsurgery: Proposal of a Mini-Version of the Laryngoscope. *Laryngoscope*, 00:1-6, 2018
28. Piazza, C., Filauro, M., Paderno, A., Marchi, F., Perotti, P., Morello, R., Taboni, S., Parrinello, G., Incandela, F., Iandelli, A., **Missale, F.**, & Peretti, G. 3D MAP OF ISOPROGNOSTIC ZONES IN GLOTTIC CANCER TREATED BY TRANSORAL LASER MICROSURGERY AS A UNIMODAL TREATMENT STRATEGY. *Frontiers in oncology*, 8, 175.
29. Roustan, V., Barbieri, M., Incandela, F., **Missale, F.**, Camera, H., Braidò, F., Mora, R., & Peretti, G. (2018). Transoral glossoepiglottopexy in the treatment of adult obstructive sleep apnoea: a surgical approach. *Acta Otorhinolaryngologica Italica*, 38(1), 38.
30. Mora, F., **Missale, F.**, Incandela, F., Filauro, M., Parrinello, G., Paderno, A., Della Casa, P., Piazza, C., & Peretti, G. (2017). high Frequency Jet Ventilation during Transoral laser Microsurgery for Tis-T2 laryngeal cancer. *Frontiers in oncology*, 2017 Nov 29;7:282. doi: 10.3389/fonc.2017.00282. eCollection 2017.
31. Marini O, Costa S, Bevilacqua D, Calzetti F, Tamassia N, Spina C, De Sabata D, Tinazzi E, Lunardi C, Scupoli MT, Cavallini C, Zoratti E, Tinazzi I, Marchetta A, Vassanelli A, Cantini M, Gandini G, Ruzzenente A, Guglielmi A, **Missale, F.**, Vermi W, Tecchio C, Cassatella MA, & Scapini P. Mature CD10+ and immature CD10-neutrophils present in G-CSF-treated donors display opposite effects on T cells." *Blood*. 2017 Mar 9;129(10):1343-1356. doi: 10.1182/blood-2016-04-713206. Epub 2017 Jan 4. Erratum in: *Blood*. 2017 Jun 15;129(24):3271.
32. Schreiber, A., Lombardi, D., **Missale, F.**, Farina, D., Lorenzi, L., & Nicolai, P. (2014). Giant cervico-mediastinal solitary fibrous tumor. *European Archives of Oto-Rhino-Laryngology*, 271(6), 1833-1838.

Published Chapters

1. Peretti G, Incandela F, **F. Missale**. 10. Locally Intermediate Glottic Cancer: Transoral Laser Microsurgery - Laryngeal Cancer: Clinical Case-Based Approaches, Dedivitis et al., (ISBN 978-1-68420-001-6), 2019 Thieme Medical Publishers.

Published Abstracts

1. L. Belgioia, A. Bacigalupo, **F. Missale**, S. Vecchio, E. Tornari, C. Giannotti & R. Corvó. PO-174 Impact of weekly radiation dose on loco- regional control in elderly HNSCC patients March 2019 *Radiotherapy and Oncology* 132:92, DOI: 10.1016/S0167-8140(19)30340-8
2. Mattavelli, D. Lombardi, **F. Missale**, S. Calza, S. Battocchio, A. Paderno, A. Bozzola, W. Vermi,

C. Piazza & P. Nicolai. PO-184 Low neutrophil-to-lymphocyte ratio is a negative prognosticator in oral squamous cell carcinoma, March 2019, Radiotherapy and Oncology 132:97, DOI: 10.1016/S0167-8140(19)30350-0

3. L. Belgioia, **F. Missale**, S. Negrini, G. Filaci, A. Bacigalupo, D. Fenoglio, F. Incandela, S. Vecchio, G. Peretti & R. Corvó. PO-183 Pilot study on immunomodulation role of radiotherapy in oropharyngeal cancer: preliminary results March 2019, Radiotherapy and Oncology 132:96-97, DOI: 10.1016/S0167-8140(19)30349-4

Oral and Poster presentations

1. LA JET VENTILATION AD ALTA FREQUENZA: EFFICACIA NELLA MICROCHIRURGIA LASER TRANSORALE PER NEOPLASIE LARINGEE IN STADIO PRECOCE CON COINVOLGIMENTO ARITENOIDEO
Missale Francesco, Mora Francesco, Incandela Fabiola, Peretti Giorgio
104th CONGRESSO NAZIONALE SOCIETÁ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE, May 24-27, 2017, Sorrento, Italy.
2. RAPPORTO NEUTROFILI/LINFOCITI (NLR), PIASTRINE/LINFOCITI (PLR) E SOTTOPOPOLAZIONI T LINFOCITARIE PRE-TRATTAMENTO COME PREDITTORI NEL CARCINOMA SQUAMOSO LARINGEO
Guastini Luca, **Missale Francesco**, Marchi Filippo, Catola Ginevra, Peretti Giorgio
104th CONGRESSO NAZIONALE SOCIETÁ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE, May 24-27, 2017, Sorrento, Italy.
3. PRE-TREATMENT NEUTROPHIL/LYMPHOCYTE RATIO, PLATELET/LYMPHOCYTE RATIO AND T-LYMPHOCYTES SUBSETS AS PREDICTORS IN LARYNGEAL SQUAMOUS CELL CARCINOMA: A PROSPECTIVE STUDY
Missale F, Marchi F, Guastini L, Catola G, Peretti G
21st IFOS WORLD CONGRESS, June 24-28, 2017, Paris, France.
4. MID-CORD ERYTHROLEUKOPLAKIAS: EXCISIONAL BIOPSY GUIDED BY A COMPREHENSIVE DIAGNOSTIC WORKUP
Francesco Mora; **Francesco Missale**; Filippo Carta; Roberto Puxeddu; Giorgio Peretti
4th Congress of European ORL - HNS, October 7-11, 2017, Barcelona, Spain.
5. SYSTEMIC INFLAMMATORY MARKERS AND PERIPHERAL T-CELLS SUBSETS IN LARYNGEAL SQUAMOUS CELL CARCINOMA
Francesco Missale, Filippo Marchi, Luca Guastini, Giorgio Peretti
12th Congress of the European Laryngological Society, May 16-19, 2018, London.
6. ENDOSCOPIC SURGERY IN THE TREATMENT OF LARYNGEAL STENOSIS: OUR EXPERIENCE OF 41 CASES
Francesco Missale, Fabiola Incandela, Francesco Mora, Giorgio Peretti
12th Congress of the European Laryngological Society, May 16-19, 2018, London.

7. Predictors of glottic exposure for transoral laser microsurgery: proposal of a revised mini-version of the Laryngoscore
Incandela F, Paderno A, **F. Missale**, Laborai A, Filauro M, Piazza C, Peretti G.
106th CONGRESSO NAZIONALE SOCIETÀ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE Rimini 29-30-31 Maggio - 1 Giugno 2019
8. Ruolo del team multidisciplinare in oncologia cervico-cefalica. La nostra esperienza dal 2012 al 2017: analisi dell'outcome clinico e della corretta applicazione dei PDTA
F. Missale, Carobbio ALC, Incandela F, Giordano GG, Marrè P, Belgioia L, Mora F, Parrinello G, Peretti G
106th CONGRESSO NAZIONALE SOCIETÀ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE Rimini 29-30-31 Maggio - 1 Giugno 2019
9. Approccio endoscopico multimodale per il trattamento delle stenosi laringee benigne
Incandela F, **F. Missale**.
106th CONGRESSO NAZIONALE SOCIETÀ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE Rimini 29-30-31 Maggio - 1 Giugno 2019
10. Individualized treatment of head neck squamous cell carcinoma patients aged 70 or older with radiotherapy or chemoradiotherapy: impact of weekly radiation dose on loco-regional control
F. Missale, L. Belgioia, E. Tornari, A. Bacigalupo, S. Vecchio, E. Verzanini, S. Callegari, G. Peretti, R. Corvó
CEORL-HNS 2019 June 29 - July 3, 2019 Brussels - Belgium
11. Immunomodulation role of radiotherapy in oropharyngeal cancer: preliminary results
F. Missale, L. Belgioia, S. Negrini, D. Fenoglio, F. Incandela, A. Bacigalupo, S. Vecchio, R. Corvó, G. Filaci, G. Peretti.
CEORL-HNS 2019 June 29 - July 3, 2019 Brussels - Belgium
12. Clinical significance of TAN contexture in oral squamous cell carcinoma
Missale Francesco, Lonardi Silvia, Mattavelli Davide, Lombardi Davide, Calza Stefano, Bugatti Mattia, Uppaluri Ravindra, Egloff Ann Marie, Vescovi Raffaella, Cassatella Marco A., Scapini Patrizia, Nicolai Piero, Vermi William.
IAOO 2019 August 31 - 2019 September 3; Rome - Italy.

Conference abstracts

1. DIAGNOSTICALLY CHALLENGING LESIONS IN LARYNGEAL PATHOLOGY: IS THIS A CARCINOMA? - A. Laborai, S. Garofolo, **F. Missale**, A. Iandelli - 12th Congress of the European Laryngological Society, June 8-11, 2016, Genoa, Italy.
2. CLINICAL SIGNIFICANCE OF TUMOR-ASSOCIATED NEUTROPHILS IN ORAL SQUAMOUS CELL CARCINOMA. - Davide Lombardi, Davide Mattavelli, Valentina Taglietti, Cesare Piazza, Alberto Paderno, **Francesco Missale**, William Vermi, Piero Nicolai - AHNS 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle.

3. IL RUOLO DELLA TLM NEL TRATTAMENTO CHIRURGICO DELLE LESIONI LARINGEE NON SQUAMOSE - Peretti Giorgio., Garofolo Sabrina, Laborai Andrea, Iandelli Andrea, **Missale Francesco** - 104th CONGRESSO NAZIONALE SOCIETÀ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE, May 24-27, 2017, Sorrento, Italy.
4. LA JET VENTILATION AD ALTA FREQUENZA: EFFICACIA NELLA MICROCHIRURGIA LASER TRANSORALE PER NEOPLASIE LARINGEE IN STADIO PRECOCE CON COINVOLGIMENTO ARITENOIDEO - **Missale Francesco**, Mora Francesco, Incandela Fabiola, Peretti Giorgio - 104th CONGRESSO NAZIONALE SOCIETÀ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE, May 24-27, 2017, Sorrento, Italy.
5. RAPPORTO NEUTROFILI/LINFOCITI (NLR), PIASTRINE/LINFOCITI (PLR) E SOTTOPOPOLAZIONI T LINFOCITARIE PRE-TRATTAMENTO COME PREDITTORI NEL CARCINOMA SQUAMOSO LARINGEO - Guastini Luca, **Missale Francesco**, Marchi Filippo, Catola Ginevra, Peretti Giorgio - 104th CONGRESSO NAZIONALE SOCIETÀ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE, May 24-27, 2017, Sorrento, Italy.
6. PRE-TREATMENT NEUTROPHIL/LYMPHOCYTE RATIO, PLATELET/LYMPHOCYTE RATIO AND T-LYMPHOCYTES SUBSETS AS PREDICTORS IN LARYNGEAL SQUAMOUS CELL CARCINOMA: A PROSPECTIVE STUDY. - **Missale F**, Marchi F, Guastini L, Catola G, Peretti G - 21st IFOS WORLD CONGRESS, June 24-28, 2017, Paris, France.
7. THE ROLE OF TRANSORAL LASER MICROSURGERY IN THE TREATMENT OF NON SQUAMOUS LARYNGEAL LESIONS - Laborai Andrea, Garofolo Sabrina, Iandelli Andrea, **Missale Francesco**, Perotti Pietro, Peretti Giorgio - e-Poster - 21st IFOS WORLD CONGRESS, June 24-28, 2017, Paris, France.
8. IL TRATTAMENTO DELL' IPOACUSIA IMPROVVISA: INIEZIONE STEROIDEA TRANSTIMPANICA VERSUS TERAPIA SISTEMICA - Grillone A., **Missale F**, Laborai A., Castello E.M., Peretti G - XXXVI Congresso Nazionale della Società di Audiologia e Foniatria (SIAF), September 27-30, 2017, Siena, Italy.
9. MID-CORD ERYTHROLEUKOPLAKIAS: EXCISIONAL BIOPSY GUIDED BY A COMPREHENSIVE DIAGNOSTIC WORKUP - Francesco Mora; **Francesco Missale**; Filippo Carta; Roberto Puxeddu; Giorgio Peretti - 4th Congress of European ORL - HNS, October 7-11, 2017, Barcelona, Spain.
10. SYSTEMIC INFLAMMATORY MARKERS AND PERIPHERAL T-CELLS SUBSETS IN LARYNGEAL SQUAMOUS CELL CARCINOMA - **Francesco Missale**, Filippo Marchi, Luca Guastini, Giorgio Peretti - 12th Congress of the European Laryngological Society, May 16-19, 2018, London.
11. ENDOSCOPIC SURGERY IN THE TREATMENT OF LARYNGEAL STENOSIS: OUR EXPERIENCE OF 41 CASES - **Francesco Missale**, Fabiola Incandela, Francesco Mora, Giorgio Peretti - 12th Congress of the European Laryngological Society, May 16-19, 2018, London.
12. SUDDEN SENSONEURAL HEARING LOSS TREATMENT: INTRATYMPANIC STEROID IN-

JECTION VERSUS SYSTEMIC THERAPY - Laborai Andrea, Grillone Alessandra, **Missale Francesco**, Castello Eolo M, Peretti Giorgio - Hearing Across the Lifespan (HeAL) 2018, June 7-9, 2018, Cernobbio, Italy.

13. NARROW-BAND IMAGING IN DIAGNOSIS, TREATMENT AND FOLLOW-UP OF LARYNGEAL SQUAMOUS CELL CARCINOMA: THE GENOA EXPERIENCE - Mazzola Francesco, Carobbio Andrea, **Missale Francesco**, Peretti Giorgio - 6th World Congress of the International Federation of Head and Neck Oncologic Societies (IFHNOS), September 1-4, 2018, Buenos Aires, Argentina
14. THE RADIOLOGICAL ASSESSMENT OF N-STATUS ACCORDING TO THE 8TH AJCC STAGING SYSTEM IN HEAD AND NECK SQUAMOUS CELL CARCINOMA: CT VERSUS MR - Marchi Filippo, Filauro Marta, Carobbio Andrea, **Missale Francesco**, Casaleggio Alessandro, Mennella Simone, Parrinello Giampiero, Guastini Luca, Peretti Giorgio - 6th World Congress of the International Federation of Head and Neck Oncologic Societies (IFHNOS), September 1-4, 2018, Buenos Aires, Argentina
15. INDIVIDUALIZED TREATMENT OF HEAD NECK SQUAMOUS CELL CARCINOMA PATIENTS AGED 70 OR OLDER WITH RADIOTHERAPY ALONE OR ASSOCIATED TO CISPLATIN OR CETUXIMAB: IMPACT OF WEEKLY RADIATION DOSE ON LOCO- REGIONAL CONTROL - L. Belgioia, A. Bacigalupo, **F. Missale**, S. Vecchio, S. Callegari, E. Verzanini, C. Giannotti, R. Corvó - La ricerca in oncologia clinica 2018, November 2-4, 2018, Rimini, Italy
16. PILOT STUDY ON IMMUNOMODULATION ROLE OF RADIOTHERAPY IN OROPHARYNGEAL CAN- CER: PRELIMINARY RESULTS - L. Belgioia, **F. Missale**, S. Negrini, G. Filaci, A. Bacigalupo, D. Fenoglio, F. Incandela, S. Vecchio, G. Peretti, R. Corvó - La ricerca in oncologia clinica 2018, November 2-4, 2018, Rimini, Italy
17. Predictors of glottic exposure for transoral laser microsurgery: proposal of a revised mini-version of the Laryngoscore
Incandela F, Paderno A, **F. Missale**, Laborai A, Filauro M, Piazza C, Peretti G.
106th CONGRESSO NAZIONALE SOCIETÁ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE Rimini 29-30-31 Maggio - 1 Giugno 2019
18. Ruolo del team multidisciplinare in oncologia cervico-cefalica. La nostra esperienza dal 2012 al 2017: analisi dell'outcome clinico e della corretta applicazione dei PDTA
F. Missale, Carobbio ALC, Incandela F, Giordano GG, Marrè P, Belgioia L, Mora F, Parrinello G, Peretti G
106th CONGRESSO NAZIONALE SOCIETÁ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE Rimini 29-30-31 Maggio - 1 Giugno 2019
19. Approccio endoscopico multimodale per il trattamento delle stenosi laringee benigne
Incandela F, **F. Missale**.
106th CONGRESSO NAZIONALE SOCIETÁ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE Rimini 29-30-31 Maggio - 1 Giugno 2019

20. Valutazione del nuovo sistema di stadiazione nei tumori maligni del distretto testa-collo (VIII ed. TNM): nostra esperienza dal 2012 al 2017
Carobbio ALC, **F. Missale**, Incandela F, Marrè P, Giordano GG, Parrinello G, Peretti G.
106th CONGRESSO NAZIONALE SOCIETÀ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE Rimini 29-30-31 Maggio - 1 Giugno 2019
21. Indicatori di successo nella faringoplastica non resettiva in pazienti affetti da sindrome delle apnee notturne
M. Fragale, **F. Missale**, V. Roustan, G. Peretti, M. Barbieri.
106th CONGRESSO NAZIONALE SOCIETÀ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE Rimini 29-30-31 Maggio - 1 Giugno 2019
22. Individualized treatment of head neck squamous cell carcinoma patients aged 70 or older with radiotherapy or chemoradiotherapy: impact of weekly radiation dose on loco-regional control
F. Missale, L. Belgioia, E. Tornari, A. Bacigalupo, S. Vecchio, E. Verzanini, S. Callegari, G. Peretti, R. Corvó
CEORL-HNS 2019 June 29 - July 3, 2019 Brussels - Belgium
23. Immunomodulation role of radiotherapy in oropharyngeal cancer: preliminary results
F. Missale, L. Belgioia, S. Negrini, D. Fenoglio, F. Incandela, A. Bacigalupo, S. Vecchio, R. Corvó, G. Filaci, G. Peretti.
CEORL-HNS 2019 June 29 - July 3, 2019 Brussels - Belgium
24. Clinical significance of TAN contexture in oral squamous cell carcinoma
Missale Francesco, Lonardi Silvia, Mattavelli Davide, Lombardi Davide, Calza Stefano, Bugatti Mattia, Uppaluri Ravindra, Egloff Ann Marie, Vescovi Raffaella, Cassatella Marco A., Scapini Patrizia, Nicolai Piero, Vermi William.
IAOO 2019 August 31 - 2019 September 3; Rome - Italy.
25. Prognostic significance of margins in oral tongue squamous cell carcinomas
Dokhe Yogesh, Sood Ridhi, **Missale Francesco**, Subramaniam Narayana, Balasubramanian Deepak, Thankappan Krishnakumar, Iyer Subramania.
IAOO 2019 August 31 - 2019 September 3; Rome - Italy.
26. Prognostic value of inflammatory biomarkers in tongue cancers: Systemic Immune Inflammation Index and MLR
Dokhe Yogesh, Sood Ridhi, Subramaniam Narayana, **Missale Francesco**, Balasubramanian Deepak, Thankappan Krishnakumar, Iyer Subramania.
IAOO 2019 August 31 - 2019 September 3; Rome - Italy.
27. Nomogram based on precise anatomical extent of the tumor accurately predicts survival in T4 buccal cancer
Subramaniam Narayana, Pillai Vijay, **Missale Francesco**, Mehta Sushma, Powle Vidita, Bolognesi Federico, Baig Awase, Hedne Naveen, Rangappa Vidyabhushan, Shetty Vivek, Kolar Trupti, Abraham Kuriakose Moni.
IAOO 2019 August 31 - 2019 September 3; Rome - Italy.

Congresses and Conferences attended

- 22-23 Oct 2014 **Consensus conference on salivary gland tumors. Adenoid-cystic carcinoma and high-grade neoplasms**, *Congress directors: El-Naggar A; Hanna E; Licitra L; Maroldi R; Nicolai P*, University of Brescia.
- 6-18 Sep 2015 **Cancer: inflammation and immunity**, *Scientific Committee: Beckove P; Trinchieri G*, Finalborgo (SV).
- 8-10 Oct 2015 **Cancer Bio-Immunotherapy XIII NIBIT Meeting in Siena**, *Congress president: Maio M*, Siena.
- 8-11 Jun 2016 **11th Congress of the European Laryngological Society, 3rd Joint Meeting of ELS-ABEA & ALA; 2nd Meeting of Societa' Italiana di Laringologia**, *Congress president: Prof. Peretti G*, Genova.
- 13-15 Oct 2016 **Cancer Bio-Immunotherapy XIV NIBIT Meeting in Siena**, *Congress president: Russo V*, Siena.
- 24-27 May 2017 **104th CONGRESSO NAZIONALE SOCIETÁ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE (SIO)**, Sorrento.
- 24-28 Jun 2017 **21st IFOS WORLD CONGRESS**, Paris.
- 7-11 Oct 2017 **4th Congress of Confederation of European Otorhinolaryngology - Head & Neck Surgery - CEORL-HNS**, Barcellona.
- 10 Nov 2017 **6th Congresso Nazionale AIOCC**, Milano.
- 15-17 Mar 2018 **International Workshop Transoral Mini-Invasive Surgery in Head and Neck Cancer**, Trieste.
- 16-19 May 2018 **12th Congress of the European Laryngological Society**, London.
- 30-31 March 2019 **5th Oncosurgery Mastercourse**, Ahmedabad, India.
- 1-3 May 2019 **Amrita Maxilla Mandible Recontruction Summit 2019**, Kerala, India.
- 29-31 May - 1 Jun 2019 **106th CONGRESSO NAZIONALE SOCIETÁ ITALIANA DI OTORINOLARINGOLOGIA E CHIRURGIA CERVICO-FACCIALE**, Rimini.
- June 29 - July 3, 2019 **5th Congress of Confederation of European Otorhinolaryngology - Head & Neck Surgery - CEORL-HNS**, Brussels - Belgium .
- August 31 - September 3 2019 **IAOO 2019**, Rome - Italy .

Courses and Seminars attended

- 14-16 Apr 2015 **Microsurgery course on Experimental models (Dissection course)**, *Course directors: Baricalla F; Penco S*, University of Genova and University of Pavia.

- 16-18 Nov 2016 **European Head and Neck Course**, *Course scientific director: Dott. Ansarin Mohssen*, European Institute of Oncology, Milano.
- 1-3 Mar 2017 **12th Surgical anatomy in head & neck cancers procedures (Dissection course)**, Arezzo.
- 30 Nov - 1 Dec 2017 **3rd Workshop on Laryngeal Reinnervation (Dissection course)**, Rouen.
- 7-8 Feb 2018 **Better than Live! 1st Head and Neck surgery course totally in 3D**, Torino.
- 23 Mar 2018 **Pathologies of facial nerve**, Piacenza.
- 19-20 Apr 2018 **3rd Practical course of Electrochemotherapy**, Padova.
- 24-26 Sep 2018 **Endoscopic nasal and sinonasal surgery (Dissection course)**, Varese.
- 3-5 Dec 2018 **Basic Vascular Anastomosis Microsurgery course (Dissection course)**, Brescia.
- 1-5 April 2019 **Amrita Hands on surgical skill enhancement programme 2019 - Microvascular hands on Batch II (Dissection course)**, *Amrita Institute of medical Sciences and Research Centre*, Kochi, India.
- 13-15 May 2019 **Update course - Advance statistics for scientific research with STATA Software: regression models**, Roma.
- 13-15 May 2019 **Global Postlaryngectomy Rehabilitation (GPR) Academy** , Roma.