

Giorgia Carlotta PIPOLO

* 22.12.1981 (Milan)

Nationality: italian/ german

Piazza Leonardo da Vinci 12

20133 Milan

Cell.: 333/4612992

E-mail: carlotta.pipolo@unimi.com

Education and training

1987-2000	German School of Milan (A-Level in the year 2000)
2000-2007	Medical studies at the Charité, Humboldt Universität zu Berlin, Germany
11-12/2007	Medical State Exam (final mark: 1,6 (best 12% in Germany in 2007))
2003-2007	Doctorate at the University Clinic Charité, Humboldt Universitaet zu Berlin, Germany, Department of anesthesiology and critical care: <ul style="list-style-type: none">• Effects of alcohol and postoperative stress on the immune system under experimental endotoxemia (without discussion of the thesis because of the move to Italy)
2008 -2012	ENT-residency program at the Università degli Studi di Milano, Polo Universitario San Paolo
01/2013	Specialization in otorhinolaryngology (70 e lode/70) with the thesis: <ul style="list-style-type: none">• Sinonasal complications resulting from dental treatments: analysis of outcomes and proposal of a classification and surgical treatment protocol

Publications

- 2008
1. Spies CD, Lanzke N, Schlichting U, Muehlbauer S, **Pipolo C**, vonMettenheim M, Lehmann A, Morawietz L, Nattermann H, Sander M. Effects of ethanol on cytokine production after surgery in a murine model of gram-negative pneumonia. *Alcohol Clin Exp Res.* 2008 Feb;32(2):331-8 (IF 2010 = 3,468)
- 2010
2. **Pipolo C**, Maccari A, Messina F, Moneghini L, Felisati G. Late diagnosis of a solitary fibrous tumor of the parapharyngeal space in a continuous positive airway pressure-treated patient. *Acta Otorhinolaryngol Ital.* 2010 Jun;30(3):160-3 (IF 2010 = 0,427)
 3. **Pipolo C**, Bussone G, Leone M, Lozza P, Felisati G. Sphenopalatine endoscopic ganglion block in cluster headache: a reevaluation of the procedure after 5 years. *Neurol Sci.* 2010 Jun;31 Suppl 1:S197-9 (IF 2010 = 1,220)
 4. Felisati G, **Pipolo C**, Portaleone S. Migraine and vertigo: two diseases with the same pathogenesis? *Neurol Sci.* 2010 Jun;31 Suppl 1:S107-9 (IF 2010 = 1,220)
 5. Felisati G, **Pipolo C**. Comment on "Adenoidectomy for otitis media with effusion in 2-3-year-old children" by Margaretha L. Casselbrant et al. [*Int. J. Pediatr. Otorhinolaryngol.* 73 (2009) 1718-1724]. *Int J Pediatr Otorhinolaryngol.* 2010 Aug;74(8):970-1; author reply 971 (IF 2010 = 1,067)
 6. Felisati G, Borloni R, Chiapasco M, Lozza P, Casentini P, **Pipolo C**. Maxillary sinus elevation in conjunction with transnasal endoscopic treatment of rhino-sinusal pathoses: preliminary results on 10 consecutively treated patients. *Acta Otorhinolaryngol Ital.* 2010 Dec;30(6):289-293 (IF 2010 = 0,427)
- 2011
7. **Pipolo C**, Portaleone S, Felisati G. Nose and headache: what have we learned? *Neurol Sci.* 2011 May;32 Suppl 1:S131-3 (IF 2010 = 1,220)
 8. Mantovani M, **Pipolo C**, Messina F, Felisati G, Torretta S, Pignataro L. Antral Retriever and displaced dental implants in the maxillary sinus. *J Craniofac Surg.* 2011 Nov;22(6):2275-7. (IF 2010 = 0,772)

9. Felisati G, **Pipolo C**. "The ENT Treatment of Cleft Lip and Palate" *in* Craniofacial Anomalies: Surgical-Orthodontic Management . Meazzini MC, Brusati R, Bozzetti A, Mazzoleni F, Felisati G, Garattini G, Lalatta F, Rezzonico A. Edizioni Martina, Bologna 2011. ISBN 978-88-7572-112-1

2012

10. Testori T, Drago L, Wallace SS, Capelli M, Galli F, Zuffetti F, Parenti A, Deflorian M, Fumagalli L, Weinstein RL, Maiorana C, Di Stefano D, Valentini P, Gianni AB, Chiapasco M, Vinci R, Pignataro L, Mantovani M, Torretta S, **Pipolo C**, Felisati G, Padoan G, Castelnuovo P, Mattina R, Del Fabbro M. Prevention and treatment of postoperative infections after sinus elevation surgery: clinical consensus and recommendations. *Int J Dent*. 2012;2012:365809. Epub 2012 Aug 9

11. Felisati G, Salvatici E, **Pipolo C**, Portaleone S, Riva E, Giovannini M. Fabry disease presenting with sudden hearing loss and otosclerosis: a case report. *J Med Case Rep*. 2012 Apr 16;6(1):112.

12. Possanzini P, **Pipolo C**, Romagnoli S, Falleni M, Moneghini L, Braidotti P, Salvatori P, Paradisi S, Felisati G Primary extracranial meningioma of head and neck: clinical, histopathological and immunohistochemical study of three cases. *Acta Otorhinolaryngol Ital*. 2012 Oct;32(5):336-338

13. Felisati G, Saibene A, Lenzi R, **Pipolo C**. Late recovery from foreign body sinusitis after maxillary sinus floor augmentation. *BMJ Case Rep*. 2012 Dec 12;2012

2013

14. Chiapasco M, Felisati G, Zaniboni M, **Pipolo C**, Borloni R, Lozza P. The treatment of sinusitis following maxillary sinus grafting with the association of functional endoscopic sinus surgery (FESS) and an intraoral approach. *Clin Oral Implants Res*. 2013 Jun;24(6):623-9. (IF 2010 = 2,812)

15. Felisati G, Borloni R, Chiapasco M, Lozza P, Casentini P, **Pipolo C** Reply to: "the ENT's role in sinus lift management doesn't need misleading messages". *Acta Otorhinolaryngol Ital*. 2013 Feb;33(1):47-8.

16. Felisati G, Lenzi R, **Pipolo C**, Maccari A, Messina M, Revay M, Lania A, Cardia A, Lasio GB. Endoscopic expanded endonasal approach: preliminary experience with the new 3D endoscope. *Acta Otorhinolaryngol Ital* 2013 Apr;33(2):102-6

17. Felisati G, **Pipolo C**, Maccari A, Cardia A, Revay M, Lasio GB

Transnasal 3D endoscopic skull base surgery: questionnaire-based analysis of the learning curve in 52 procedures. *Eur Arch Otorhinolaryngol*. 2013 Aug;270(8):2249-5

18. Felisati G, Gardella E, Schiavo P, Saibene AM, **Pipolo C**, Bertazzoli M, Chiesa V, Maccari A, Franzini A, Canevini MP. Endoscopic laryngeal patterns in vagus nerve stimulation therapy for drug-resistant epilepsy. *Eur Arch Otorhinolaryngol*. 2013 Jun 7. [Epub ahead of print]
19. Felisati G, Chiapasco M, Lozza P, Saibene AM, **Pipolo C**, Zaniboni M, Biglioli F, Borloni R. Sinonasal complications resulting from dental treatment: outcome-oriented proposal of classification and surgical protocol. *Am J Rhinol Allergy*. 2013 Jul-Aug;27(4)
20. Saibene AM, Di Pasquale D, **Pipolo C**, Felisati G. Actinomycosis mimicking sinonasal malignant disease. *BMJ Case Rep*. 2013 Sep 6;2013.
21. Quadrio M, **Pipolo C**, Corti S, Lenzi R, Messina F, Pesci C, Felisati G. Review of computational fluid dynamics in the assessment of nasal air flow and analysis of its limitations. *Eur Arch Otorhinolaryngol*. 2013 Oct 8. [Epub ahead of print]

Published abstracts

2006

1. Lanzke N, **Pipolo C**, Muehlbauer S, Schlichting U, Spies CD. Effects of alcohol on type 1/type 2 immunity balance in a murine operative model. Abstract del World congress on alcohol research 2006 della International Society for Biomedical Research on Alcoholism. Sydney, Australia, 10-13 settembre 2006

2009

2. **Pipolo C**, Cardia A, Attanasio R, Lasio G, Maccari A, Felisati G. Approccio trans-nasale endoscopico esteso per craniofaringiomi sovrassellari: analisi di 10 casi. Abstract del 96° Congresso Nazionale SIO. Rimini 13-16 maggio 2009
3. Felisati G, Acerbi F, Ferroli P, Messina F, Maccari A, **Pipolo C**, Broggi G. Odontoidectomia trans nasale endoscopica guidata da neuro navigazione in un caso di invaginazione basilare. Abstracts del 96° Congresso Nazionale SIO. Rimini 13-16 maggio 2009

- 2010
4. **Pipolo C**, Bussone G, Leone M, Lozza P, Felisati G. Sphenopalatine Endoscopic Ganglion Block in Cluster Headache: a reevaluation of the procedure after five years. Abstract del IV Congresso Nazionale ANIRCEF-Cefalee: Conoscenze attuali e prospettive future. Genova 2-5 Giugno 2010
- 2011
5. Felisati G, Borloni R, Chiapasco M, Lozza P, Saibene A, Bebi V, **Pipolo C**. Complicanze naso-sinusali di trattamento odontoiatrico: proposta di una classificazione atta a orientare il trattamento dopo l'introduzione delle tecniche endoscopiche. Abstract del 98° Congresso Nazionale SIO. Udine 25-28 maggio 2011
6. Bebi V, **Pipolo C**, Saibene A. Valutazione otologica in bambini affetti da labiopalatoschisi. Abstract del XXI Congresso Nazionale SIOP. Napoli 17-19 novembre 2011
- 2012
7. **Pipolo C**, Maccari A, Messina F, Lasio G, La Corte E1, Felisati G, L'approccio transnasale endoscopico 3D al basicranio. Valutazione della velocità e della difficoltà di apprendimento della tecnica. 99° Congresso Nazionale SIO 23-26 Maggio 2012 Bari.
- 2013
8. **Pipolo C**, Saibene AM, Di Pasquale D, Chiapasco M, Borloni R, Lozza P. Estensione extramascellare delle complicanze rinosinusali da trattamento odontoiatrico. 100° Congresso Nazionale SIO 28 - 31 maggio 2013 Roma
9. Lenzi R, **Pipolo C**, Saibene A, Di Pasquale D, Cressoni P, Farronato G. Opacamento incidentale dei seni paranasali riscontrato mediante TC in bambini con artrite idiopatica giovanile: uno studio retrospettivo controllato. 100° Congresso Nazionale SIO 28 - 31 maggio 2013 Roma
10. Messina F, **Pipolo C**, Lenzi R, Maccari A, Quadrio M, Felisati G. Fluidodinamica nasale: risultati preliminari. 100° Congresso Nazionale SIO 28 - 31 maggio 2013 Roma

Work experience

- 2003-2005 University Clinic Charité, Berlin, Germany
- Student research assistant at the Department of anesthesiology and critical care (project: AG Mouse Infection and Alcohol)
- 10/2003- 01/2004 University Clinic Charité, Berlin, Germany
FELASA (Federation of European laboratory animal science associations)
- Laboratory animals, research and alternative methods
- 2006 Internship of the duration of 4 months at the Department of general surgery , orthopedics and traumatology, Hôpital Cantonal de Fribourg, Fribourg, Svizzera
- 2007 Internship (Charité Erasmus scholar) Department of internal medicine, Policlinico Universitario Federico II, Naples
- Internship of the duration of 2 months at the Department of otorhinolaryngology, University Clinic Freeman Hospital, Newcastle Upon Tyne, UK
- Internship of the duration of 2 months at the Department of otorhinolaryngology, University Clinic Inselspital, Bern, Svizzera
- 2009/2010 Tutor for the course “Le sinusiti odontogene: prevenzione, diagnosi e terapia. Approccio multidisciplinare”, organized by the otorhinolaryngology Department of the San Paolo Hospital, Milan
- Tutor for the Amplifon sponsored course “Chirurgia endoscopica naso-sinusale e del basicranio: un approccio multidisciplinare”
- 2012 ongoing Assistant Professor for otorhinolaryngology at Dipartimento di Scienze della Salute, Università degli Studi di Milano, Polo Universitario San Paolo

Courses

10/2003- 01/2004	University Clinic Charité, Berlin, Germany FELASA (Federation of European laboratory animal science associations) <ul style="list-style-type: none">• Laboratory Animals research and alternative methods
2009	Practical Course “Franco Cocchini” experimental otological surgery and dissection (G.O.R.L.) <ul style="list-style-type: none">• First and second level
2013	45th nasal cytology course, AICNA, Genova

Congress participation with presentation

2009	<ol style="list-style-type: none">1. Pipolo C, Felisati G. Gli impianti iuxtaossei, capita di vederli ancora. Simposio su: “Le sinusiti odontogene: prevenzione, diagnosi e terapia – approccio multidisciplinare” Milano, Ospedale San Paolo, 18 April 20092. Pipolo C., Cardia A., Attanasio R., Lasio G., Maccari A., Felisati G. “Approccio trans-nasale endoscopico esteso per craniofaringiomi sovrasellari: analisi di 10 casi”. 96° Congresso Nazionale SIO 13-16 May 2009 Rimini3. Pipolo C, Lasio G, Maccari A, Messina F, Felisati G. “Approccio trans-sfenoidale agli espansi sellari e parasellari in età pediatrica”. XX Congresso Nazionale della Società Italiana di Otorinolaringoiatria Pediatrica (SIOP) 23-26 September 2009 Ariccia
2010	<ol style="list-style-type: none">4. Pipolo C, Bussone G, Leone M, Lozza P, Felisati G. “Sphenopalatine Endoscopic Ganglion Block in Cluster Headache: a reevaluation of the procedure after five years” Comunicazione poster al IV Congresso Nazionale ANIRCEF su “CEFALEE: Conoscenze attuali e prospettive future”. 2-5 June 2010 Genova5. Pipolo C, Messina F. “Presentazione di casi clinici.” Simposio su “Chirurgia endoscopica naso-sinusale e del basicranio: un approccio multidisciplinare”. Milano, Auditorium C.R.S. Centro Ricerche e Studi Amplifon, 4-5 November 2010
2012	

6. Felisati G, **Pipolo C**, Maccari A, Cardia A, Lasio G, Comparison of 3D and 2D HD Endoscopic ENT Anatomy of the Nose and Paranasal Sinuses. 5th World Congress for Endoscopic Surgery of the Brain, Skull Base & Spine combined with The First Global Update on FESS, the Sinuses & the Nose. 29 March - 1 April 2012 Vienna
7. **Pipolo C** , Maccari A, Messina F, Lasio G, La Corte E1, Felisati G, L'approccio transnasale endoscopico 3D al basicranio. Valutazione della velocità e della difficoltà di apprendimento della tecnica. 99° Congresso Nazionale SIO 23-26 May 2012 Bari
8. **Pipolo C**, Saibene AM, Di Pasquale D, Chiapasco M, Borloni R, Lozza P. Estensione extramascellare delle complicanze rinosinusalì da trattamento odontoiatrico. 100° Congresso Nazionale SIO 28 - 31 May 2013 Rome
9. **Pipolo C**; Invited presentation: Esperienza Personale del 1° Master di Dissezione Cervico Facciale, 100° Congresso Nazionale SIO 28 - 31 May 2013 Rome

2013

Congress participation

- 2006
1. Lanzke N, **Pipolo C**, Muehlbauer S, Schlichting U, Spies CD. Effects of alcohol on type 1/type 2 immunity balance in a murine operative model. Comunicazione al World congress on alcohol research 2006 della International Society for Biomedical Research on Alcoholism International Society. Sydney, Australia, 10-13 settembre 2006.
- 2009
2. Cappadona M, Caterini F, Portaleone S, **Pipolo C**, Felisati G. Gestione dell'ipertrofia adenoidea nel bambino affetto da palatoschisi. Comunicazione al XX Congresso Nazionale della Società Italiana di Otorinolaringoiatria Pediatrica (SIOP). Ariccia (Roma) 23-26 settembre 2009.
 3. Felisati G, Acerbi F, Ferroli P, Messina F, Maccari A, **Pipolo C**, Broggi G. Odontoidectomia trans-nasale endoscopica guidata da neuro navigazione in un caso di invaginazione basilare. Comunicazione al 96° Congresso Nazionale SIO. Rimini 13-16 maggio 2009
- 2011
4. Felisati G, Borloni R, Chiapasco M, Lozza P, Saibene A, Bebi V, **Pipolo C**. Complicanze naso-sinusalì di trattamento odontoiatrico: proposta di una classificazione atta a orientare il trattamento dopo l'introduzione delle tecniche endoscopiche. Comunicazione al 98° Congresso Nazionale SIO. Udine 25-28 maggio 2011.
 5. Bebi V, **Pipolo C**, Saibene A. Valutazione otologica in bambini affetti da labiopalatoschisi. Comunicazione al XXI Congresso Nazionale SIOP. Napoli 17-19 novembre 2011
- 2012
6. Lasio G, Cardia A, Maccari A, **Pipolo C**, Felisati G. The Endoscopic Approach to the Skull Base. Preliminary Data on Purely Endoscopic and Assisted Procedures: a 3D Presentation. 5th World Congress for Endoscopic Surgery of the Brain, Skull Base & Spine combined with The First Global Update on FESS, the Sinuses & the Nose. Vienna 29 Marzo - 1 Aprile 2012
 7. Lasio G, Cardia A, Pessina F, Revay M, Lania A, Felisati G, **Pipolo C**, Maccari A. Transnasal and Beyond. Endoscopic Approaches to the Cavernous Sinus. Hands-on skull base 3D Course and Workshop. Torino 2012
- 2013
8. Felisati G, **Pipolo C**, Lenzi R. Endoscopic repair of CSF fistulas. Advances In Surgical Treatment Of Sellar And Parasellar

Neoplastic Lesions. Lugano 01 marzo 2013

9. Portaleone S, **Pipolo C**, Tremolada C, Felisati G, Lozza P. Vocal fold lipofibroplasia: preliminary results changing from Coleman to lipogems technique. ESTROT “ Defining a reconstruction ladder for the treatment of musculoskeletal conditions using regenerative approaches: a consensus conference” . Milano 14-16 gennaio 2013
10. Lenzi R, **Pipolo C**, Saibene A, Di Pasquale D, Cressoni P, Farronato G. Opacamento incidentale dei seni paranasali riscontrato mediante TC in bambini con artrite idiopatica giovanile: uno studio retrospettivo controllato. 100° Congresso Nazionale SIO 28 - 31 maggio 2013 Roma
11. Messina F, **Pipolo C**, Lenzi R, Maccari A, Quadrio M, Felisati G. Fluidodinamica nasale: risultati preliminari. 100° Congresso Nazionale SIO 28 - 31 maggio 2013 Roma

Research

The institutions at which she has done research:

- University Clinic Charité, Humboldt Universitaet zu Berlin, Germany, Department of anesthesiology and critical care;
- Polo San Paolo Università di Milano e Istituto Stomatologico Italiano, collaboration the Departments of dentistry and maxillo-facial surgery;
- Istituto Nazionale Neurologico Italiano “Carlo Besta”, collaboration with the Departments of neurology and neurosurgery.

Research topics:

1. Immunology and applied research on alcohol abuse pathologies;
2. Endoscopic naso-sinusal surgery and its extension to the skull-base;
3. Multidisciplinary treatment of dental treatment complications;
4. Craniofacial pain;
5. Pediatric otorhinolaryngology;
6. Computational fluid dynamics;
7. Nasal cytology;
8. Olfactory fossa stem cell culture and characterization.

Teaching

2002-2006	Supporting student tutor for practical biochemistry Charité, Humboldt Universitaet zu Berlin, Germany
	Supporting student tutor for practical physiology Charité, Humboldt Universitaet zu Berlin, Germany
2009 till today	Otorhinolaringology lectures at the Università degli Studi di Milano: <ul style="list-style-type: none">• 18 lectures for the medical students polo San Paolo di Milano,• 8 lectures for dentistry students polo San Paolo di Milano,• 8 lectures for dental hygiene students polo Policlinico Development of the course “Head and Neck” (ENT part) in english language at the Humanitas Hospital. <ul style="list-style-type: none">• 8 lectures for medical students Tutoring of otorhinolaryngology residents and supervision of 5 medical theses

Surgical activity

2005-2014 first surgeon	Tonsillectomy	34
	Tonsillectomy with adenoidectomy	22
	Endoscopic adenoidectomy	26
	Direct Microlaryngoscopy	8
	Septum plastic (+turbinates)	12
	FESS	48
	Tracheostomia	8
	Cervical lymphnodes removal	6
	Vagal stimulator removal	1
	Cervical drainage for cervical necrotising fasciitis	2
	Transnasal skull base approaches	14
	Endoscopic medial maxillectomy	2
	Orbital decompression	1
	Grommets	8

Additionally she has performed numerous smaller procedures and has assisted as second surgeon to extensive oncological procedures.

Prices and Grants

2010	First Price Gruppo Alta Italia best scientific contribution: "Trattamento in tempo unico delle complicanze delle procedure di rialzo del seno mascellare".
2012	Grant winner as a contributor for the "ricerca finalizzata 2010" (150.000 euro) Italian Ministry of Health: A Computer-Assisted Procedure for Nasal Air Flow assessment with modern Fluid Dynamics techniques. Clinical applications: individual surgical planning of nasal breathing difficulties treatment aimed at optimizing surgical procedures "
2013	Second place for dissection (naso-sinusal surgery) at the first "Master di Dissezione Cervico Facciale, Corso di Dissezione Chirurgica del 100° Congresso Nazionale SIO", ICLO, Arezzo First Price Gruppo Alta Italia for the best speciality thesis: "Sinonasal complications resulting from dental treatments: analysis of outcomes and proposal of a classification and surgical treatment protocol"
2014	Approval of the ISCRA proposal for computational time at the CINECA computing centre with the project: "A Computer-Assisted Procedure for Nasal Air Flow assessment with modern Fluid Dynamics techniques."

Languages

Italian	Mother tongue
German	Mother tongue
English	Fluent
French	good