

# Curriculum Vitae – Abraam Adel Sami Yacoub, MD

## 1. Personal information



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Google Scholar: Abraam Yacoub  
Date of Birth: January 27<sup>th</sup> 1986  
Citizenship: Egyptian  
Language Skills: Fluent in: Arabic, English, and German

## 2. Qualifications

2020 Doctorate of Medicine in Otorhinolaryngology (MD)  
Bern University, Switzerland  
Under Supervision of Prof. Dr. Marco Caversaccio

2014 Master of Science in Otorhinolaryngology (MSc)  
Ain Shams University, Egypt

2011 Bachelor of Medicine and Bachelor of Surgery (MBBCh)  
Ain Shams University, Egypt

2003 High school, Franciscan Language School, Asyut

## 3. Employment history including current position

Since Sept 2020 Consultant, Department of Otorhinolaryngology  
Ain Shams University Hospital

Sep 2016: Aug 2020 Clinical and Research fellow, Department of Otorhinolaryngology  
Bern University Hospital, Switzerland

Jul 2014: Aug 2016 Demonstrator and Specialist, Department of Otorhinolaryngology  
Ain Shams University Hospital

Jun 2011: Jun 2014 Resident, Department of Otorhinolaryngology  
Ain Shams University Hospital

## 4. Institutional responsibilities

Since Dec 2020 Quality Assurance Coordinator, Department of Otorhinolaryngology  
Ain Shams University Hospital

Since Nov 2020 Clinical Research Coordinator, Department of Otorhinolaryngology  
Ain Shams University Hospital

Since Nov 2020 Temporal bone dissection lab Coordinator  
Ain Shams Specialized Hospital

Sept 2017: Aug 2020 Organizer and in charge of the Temporal Bone Laboratory (Ex-Vivo)  
ARTORG Center, University of Bern, Switzerland

## 5. Teaching activities

- International Otology Dissection Courses, Bern University Hospital, Switzerland
- Otology and Rhinology Dissection Courses, Ain Shams Specialized Hospital
- Presentations at national and international conferences (oral presentations, posters, panel member, and chair of scientific sessions)
- Lectures for 4<sup>th</sup> year medical students and post-gradual otorhinolaryngology residents, Faculty of Medicine, Ain Shams University

## **6. Memberships**

- Junior membership of European Rhinology Society
- Swiss Society of Oto-Rhino-Laryngology, Head and Neck Surgery
- Egyptian Society of Otolaryngology

## **7. Prizes, fellowships**

Sep 2016	Swiss Government Excellence Scholarship
	One year fellowship (CHF 50'000)
Apr 2018	Travel grant by the European Rhinology Society

## **8. Research funding**

Feb 2016: Ain Shams University (EGP 10'000): Endoscopic approaches to the infratemporal fossa.

Sep 2017: CTU-grant 2017-01 (CHF 80'000) and matching grant by Karl Storz GmbH (Euro 7'000, instruments Euro 10'880): Minimal-invasive access to the internal auditory canal and the cerebellopontine angle.

Aug 2019: Fondation Charidu (CHF 30'000), Senta Herrmann-Stiftung (CHF 20'000) and Hedy Glor-Meyer Stiftung (CHF 20'000): Endoscopic lateral access to the paramedian skull base.

## **9. Publications**

**Yacoub A, Anschuetz L, Schneider D, Wimmer W, Caversaccio M. Minimally Invasive Lateral Endoscopic Multiport Approach to the Infratemporal Fossa: A Cadaveric Study. *WorldNeurosurg.* 2018 Apr;112:e489-e496. DOI: [10.1016/j.wneu.2018.01.065](https://doi.org/10.1016/j.wneu.2018.01.065).**

Anschuetz L, Presutti L, Schneider D, **Yacoub A**, Wimmer W, Beck J, Weber S, Caversaccio M. **Quantitative Analysis of Surgical Freedom and Area of Exposure in Minimal-Invasive Transcanal Approaches to the Lateral Skull Base.** *Otol Neurotol.* 2018 Jul;39(6):785-790. DOI: [10.1097/MAO.0000000000001827](https://doi.org/10.1097/MAO.0000000000001827).

Anschuetz L, Huwendiek S, Stricker D, **Yacoub A**, Wimmer W, Caversaccio M. **Assessment of Middle Ear Anatomy Teaching Methodologies Using Microscopy versus Endoscopy: A Randomized Comparative Study.** *Anat Sci Educ.* 2019 Sep;12(5):507-517. DOI: [10.1002/ase.1837](https://doi.org/10.1002/ase.1837).

Rathgeb C, Demattè M, **Yacoub A**, Anschuetz L, Mantokoudis G, Caversaccio M, Wimmer W. **Clinical Applicability of a Preoperative Angular Insertion Depth Prediction Method for Cochlear Implantation.** *Otol Neurotol.* 2019 Sep;40(8):1011-1017. DOI: [10.1097/MAO.0000000000002304](https://doi.org/10.1097/MAO.0000000000002304).

Anschuetz L, Niederhauser L, Wimmer W, **Yacoub A**, Weibel D, Mast F, Caversaccio M. **Comparison of 3- vs 2-Dimensional Endoscopy Using Eye Tracking and Assessment of Cognitive Load Among Surgeons Performing Endoscopic Ear Surgery.** *JAMA Otolaryngol Head Neck Surg.* 2019 Jul 25;e191765. DOI: [10.1001/jamaoto.2019.1765](https://doi.org/10.1001/jamaoto.2019.1765).

Anschuetz L, Stricker D, **Yacoub A**, Wimmer W, Caversaccio M, Huwendiek S. **Acquisition of Basic Ear Surgery Skills: A Randomized Comparison between Endoscopic and Microscopic Techniques.** *BMC Medical Education.* 2019 Sep 14;19(1):357. DOI: [10.1186/s12909-019-1803-8](https://doi.org/10.1186/s12909-019-1803-8).

**Yacoub A**, Wimmer W, Molinari G, Alicandri-Ciuffelli M, Presutti L, Caversaccio M, Anschuetz L. **Transcanal transpromontorial approach to lateral skull base: maximal exposure and surgical extensions.** *WorldNeurosurg.* 2020 Mar;135:e181-e186. DOI: [10.1016/j.wneu.2019.11.102](https://doi.org/10.1016/j.wneu.2019.11.102).

Fernandez IJ, Bonali M, **Yacoub A**, Ghirelli M, Fermi M, Presutti L, Caversaccio M, Anschuetz L. **Training model for salvage procedures in endoscopic stapes surgery.** *Eur Arch Otorhinolaryngol.* 2021 Apr;278(4):987-995. DOI: [10.1007/s00405-020-06166-6](https://doi.org/10.1007/s00405-020-06166-6).

Molinari G, **Yacoub A**, Bonali M, Wimmer W, Alicandri-Ciufelli M, Caversaccio M, Anschuetz L. **Relationship between the cochlear aqueduct and the internal auditory canal: surgical implications during minimally invasive transcanal transpromontorial approaches.** *Otol Neurotol.* 2021 Feb 1;42(2):e227-e232. DOI: [10.1097/MAO.0000000000002909](https://doi.org/10.1097/MAO.0000000000002909).

Anschuetz L, **Yacoub A**, Buetzer T, Fernandez IJ, Wimmer W, Caversaccio M. **Quantification and Comparison of Droplet Formation during Endoscopic and Microscopic Ear Surgery: A Cadaveric Model.** *Otolaryngol Head Neck Surg.* 2020 Nov 3;194599820970506. DOI: [10.1177/0194599820970506](https://doi.org/10.1177/0194599820970506).

**Yacoub A**, Schneider D, Ali A, Wimmer W, Caversaccio M, Anschuetz L. **Endoscopic-Assisted Lateral Corridor to the Infratemporal Fossa: Proposal and Quantitative Comparison to the Endoscopic Transpterygoid Approach.** *J Neurol Surg B Skull Base.* 2021 Jun;82(3):357-364. DOI: [10.1055/s-0039-3399553](https://doi.org/10.1055/s-0039-3399553). 3

Beckmann S, **Yacoub A**, Fernandez IJ, Niederhauser L, Fermi M, Caversaccio M, Bonali M, Anschuetz L. **Exclusive Endoscopic Laser-Stapedotomy: Feasibility of an Ovine Training Model.** *Otol Neurotol.* 2021 Aug 1;42(7):994-1000. DOI: [10.1097/MAO.0000000000003168](https://doi.org/10.1097/MAO.0000000000003168).

Molinari G, **Yacoub A**, Alicandri-Ciufelli M, Caversaccio M, Presutti L, Anschuetz L. **Endoscopic anatomy of the chorda tympani: systematic dissection, novel anatomic classification and surgical implications.** *Otol Neurotol.* 2021 Aug 1;42(7):e958-e966. DOI: [10.1097/MAO.0000000000003143](https://doi.org/10.1097/MAO.0000000000003143).

**Yacoub A**, Molinari G, Mostafa BE, Fiky L, Mansour O, Presutti L, Caversaccio M, Anschuetz L. **Topographic Anatomy of the Medial Labyrinthine Wall: Implications for the Transcanal Endoscopic Approach to the Internal Auditory Canal.** *Otol Neurotol.* 2022 Jul 1;43(6):e671-e678. DOI: [10.1097/MAO.0000000000003530](https://doi.org/10.1097/MAO.0000000000003530).

Juelke E, Butzer T, **Yacoub A**, Wimmer W, Caversaccio M, Anschuetz L. **Assessment of jugular bulb variability based on 3D surface models: quantitative measurements and surgical implications.** *Surg Radiol Anat.* 2023 Mar;45(3):315-319. DOI: [10.1007/s00276-023-03087-x](https://doi.org/10.1007/s00276-023-03087-x).

Beckmann S, Lynn Hool S, **Yacoub A**, Hakim A, Caversaccio M, Wagner F, Anschuetz L. **Accuracy of High-Resolution Computed Tomography Compared to High-Definition Ear Endoscopy to Assess Cholesteatoma Extension.** *Otolaryngol Head Neck Surg.* 2023 Jul 7. DOI: [10.1002/ohn.413](https://doi.org/10.1002/ohn.413).

Fernandez I J, Caversaccio M, Ghirelli M, Fermi M, Bianconi L, **Yacoub A**, Anschuetz L. **Round Window Dissection and Cochlear Implantation.** In: *Bonali M., Presutti L., Marchioni D. (eds) Comparative Atlas of Endoscopic Ear Surgery. Springer, Cham (2021).* [https://doi.org/10.1007/978-3-030-47005-0\\_9](https://doi.org/10.1007/978-3-030-47005-0_9)

Fermi M, Kakehata S, Alicandri-Ciufelli M, Bonali M, Billi M A, Cavalleri F, **Yacoub A**. **Comparative Anatomy and Radiology: Human vs. Ovine Model.** In: *Bonali M., Presutti L., Marchioni D. (eds) Comparative Atlas of Endoscopic Ear Surgery. Springer, Cham (2021).* [https://doi.org/10.1007/978-3-030-47005-0\\_3](https://doi.org/10.1007/978-3-030-47005-0_3)