

December 29, 2019

**1. PERSONAL DETAILS**

**Michal Luntz-Kaminski, MD**

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**2. ACADEMIC DEGREES**

1982 MD (*magna cum laude*), Sackler School of Medicine, Tel Aviv University, Israel

**3. ACADEMIC APPOINTMENTS**

2003 to present Clinical Associate Professor, Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel

1998 – 2003 Senior Lecturer, Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel

1996 -1997 Senior Guest Lecturer, Department of Biomedical Engineering, Tel Aviv University, Israel

1992 -1997 Senior Lecturer, Sackler School of Medicine, Tel Aviv University, Israel

1988 – 1992 Lecturer, Sackler School of Medicine, Tel Aviv University, Israel

#### **4. PROFESSIONAL EXPERIENCE**

- 2019- Director, Ear and Hearing Center, A.R.M A.R.M Center for Advanced OtolaryngologyHead and Neck and Maxillofacial Sugery, Assuta Medical Center, Tel Aviv
- 2014 – 2015 Visiting Professor, Department of Education, Tel Aviv University (prof Tova Most)
- 2009 - 2019 Director, Ear and Hearing Unit, A.R.M Center for Advanced OtolaryngologyHead and Neck and Maxillofacial Sugery, Assuta Medical Center, Tel Aviv
- 2008 - 2019 Head of ENT Department, Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel
- 2002 to present Research fellow, Faculty of Social Welfare and Health Studies, Department of Communication Disorders, University of Haifa, Haifa, Israel
- 2001 to 2017 Staff Member, School of Communication Disorders, Faculty of Social Welfare and Health Studies, Department of Communication Disorders, University of Haifa, Haifa, Israel
- 1998 to present Director, Ear and Hearing Program, Department of Otolaryngology, Bnai Zion Medical Center, Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel
- 1997 to 2019 Chairperson, Department of Otolaryngology, Bnai Zion Medical Center, Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel
- 1995 Visiting Fellow (during clinical fellowship in Otology and Otoneurosurgery), House Ear Institute, Los Angeles, USA
- 1994 – 1996 Clinical Fellowship and Researcher in Otology and Otoneurosurgery, Department of Otolaryngology, Inner Ear Research Laboratory, University of Miami Ear Institute. Miami, USA
- 1991 – 1997 Associate Surgeon, Department of Otolaryngology, Sheba Medical Center, Tel Aviv University, Israel
- 1990 – 1997 Associate Investigator, Middle Ear Research Laboratory, Biomedical Engineering Department, Tel Aviv University, Israel

- 1990 – 1991 Associate Surgeon, Department of Otolaryngology, Meir Hospital, Tel Aviv University, Israel
- 1989 august Guest Researcher, Middle Ear Gas Exchange. Institution of Biomedicine and Department of Otolaryngology, University of Odense, Denmark
- 1986 – 1990 Researcher, Middle Ear Aeration Physiology, Research Laboratory of the ENT Department, Meir Hospital, Kfar Saba, Tel Aviv University, Israel
- 1985 – 1989 Residency, ENT Department, Meir Hospital, Kfar Saba, Tel Aviv University.
- 1984 – 1990 Researcher, Anatomy and Histopathology of the Eustachian tube. Research Laboratory of the ENT Department, Meir Hospital, Kfar Saba, Tel Aviv University, Israel
- 1982 – 1983 Residency, ENT Department, Meir Hospital, Kfar Saba, Tel Aviv University, Israel
- 1981 – 1982 Internship, Meir Hospital, Kfar Saba, Tel Aviv University, Israel

## 5. **RESEARCH INTERESTS**

- Pediatric and adult otology (ear diseases and ear surgery)
- Specialization on the basic and clinical research of infants, children and adults with cochlear implants: implantable hearing aids, chronic otitis media, and improving the paradigm for clinical work (administration tools and clinical protocols)
- Definition of success and success rate in medical/surgical Otologic interventions

## 6. **TEACHING EXPERIENCE**

- 1989 Lecturer, Otolaryngology course, post-graduate studies, Faculty of Medicine, Tel Aviv University, Israel
- 1990 – 1994 Tutor, 6<sup>th</sup>-year otolaryngology students, Faculty of Medicine, Tel Aviv University, Israel
- 1990 – 1997 Lecturer, Otolaryngology course, 6<sup>th</sup>-year otolaryngology students, Faculty of Medicine, Tel Aviv University, Israel
- 1992 – 1994 Coordinator of post-graduate otolaryngology studies, Sackler School of Medicine, Tel Aviv University, Israel

- 1994 – 1997 Invited Lecturer, ENT medicine, BSc students, School of Communication Disorders, Faculty of Medicine, Tel Aviv University, Israel
- 1995 Instructor, Otitis Media workshop in the Masters of Pediatrics meeting, Miami, USA
- 1995 Instructor, Resident Annual Temporal Bone Dissection course, ENT specialists, University of Miami Ear Institute, USA
- 1996 Instructor, First Course on Recent Advances in Otitis Media with Effusion, ENT specialists, Mexico City, Mexico, USA
- 1997 Introduction to the Physiology of Hearing course, MA and PhD students, Department of Biomedical Engineering, Tel Aviv University, Israel
- 1998 Lecturer, Audiology course, MSc, PhD and 3<sup>rd</sup>-year medical students, Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel
- 1999 – 2003 Instructional Course, High-resolution CT of the temporal bone: a road map for otologic surgery, ENT specialists and residents, American Academy of Otolaryngology, Head and Neck Surgery, San Diego, and Denver, Colorado, USA
- 3/2000 Faculty member and instructor, Temporal Bone course. Use of the Nerve Detector, ENT specialists and residents, Asaf Harofe Hospital, Tel Aviv, Israel
- 2001 to present Otolaryngology and the Cooperation with the ENT Specialist course, 1<sup>st</sup>- and 2<sup>nd</sup>-year students in communication disorders, School of Communication Disorders, School of Education, University of Haifa, Israel
- 2002 Surgical Anatomy of the Temporal Bone course, post-graduate studies, Neurosurgery, Israel Neurosurgical Society
- 2002 Guest Lecturer, Biomedical Engineering Clinical project, 4<sup>th</sup>-year students, Faculty of Biomedical Engineering & Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel
- 2009 to present Practicum. Otolaryngology and the cooperation with the ENT specialist. 1<sup>st</sup> students in communication disorders, Department of Communication Disorders, School of Education, University of Haifa, Israel

- 2011            Audiology course, MSc, PhD and 3<sup>rd</sup>-year medical students. Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel
- 2013            Faculty member, Temporal Bone course, ENT Specialist and residents, Asaf Harofe Hospital, Tel Aviv, Israel
- 2015-            Lecturer, ENT clerkship, 6<sup>th</sup>-year medical students, Hebrew University of Jerusalem, Aram Center for Advanced Otolaryngology, Assuta Medical Center, Ramat Hachayal, Tel Aviv, Israel

## **7. FACULTY ACTIVITIES**

- 2008 - 2019    Head of ENT Department, Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel
- 2004-2010    Member of the Scientific Committee, Rappaport Faculty of Medicine, Technion
- 1994            Member of the Peer Review Committee, Clerkship in surgery, Faculty of Medicine, Tel Aviv University, Israel
- 1992 – 1994    Member of the Examination Committee of the selective courses (6<sup>th</sup>-year), Faculty of Medicine, Tel Aviv University, Israel

## **8. PUBLIC PROFESSIONAL ACTIVITIES**

- 1993 to present    Examiner, board examination in Otolaryngology, Israeli Scientific Council
- 2010 to present    Faculty member, 13<sup>th</sup> Ear and Temporal Bone Surgery course, ENT Specialists, Otology Update 2010, Hannover, Germany
- 2011            Faculty member, 15<sup>th</sup> Surgical Tympanoplasty & Mastoidectomy course, ENT Specialist and residents, Ipswich, UK
- 2000-            Consultant of Maccabi Insurance company for especial Ear disease cases
- 2011-            Consultant of the Israeli Ministry of Health for special hearing rehabilitation controversies
- 2012-            Consultant of the Israeli Ministry of Health Ombudsman in disagreements regarding indications for devices for hearing restoration

### **Membership in National Committees**

- 2019- President of the Israeli Society for Hearing Research and Professions
- 2017 to present Head of the committee for updating indication for cochlear implantation
- 2015 to present Member of the Cochlear Implant Surgeons Committee
- 2014-present Member of the Israeli Society for hearing research and professions
- 2005-2011 Member of the Research Committee, Israeli Neurotologic Society
- 2003 – 2009 Member of the Israeli Otolaryngology Society Committee
- 2003 – 2009 Academic Secretary, Israeli Otolaryngological Society
- 2002 – 2006 Chairperson of the Israel Board Examination in Otolaryngology, Israeli Medical Association
- 2002- Member of the National Council of Pediatric Committee on Newborn Hearing Screening, Public Health Services, Ministry of Health
- 2001 - 2019 Member of the Peer Review Committee for evaluation of Israel ENT residency program
- 2001- present Member of the Cochlear Implant Committee, Ministry of Health

### **Membership on International Committees**

- 2008 Regional secretary, European Academy of Otolology & Neurotology
- 2011 Member of the External Consultant Committee, NIH P-50 Grant: Middle Ear Pressure Regulation in Health & Disease (Pittsburgh Group)

### **Editorial Boards**

- 2004 - Otolology & Neurotology Journal
- 2008 - Acta Otolaryngologica Stockholm
- 2009 - Journal of International Advanced Otolology
- 2011 - International Journal of Pediatric Otolaryngology
- 2019 - The Laryngoscop

### **Journal Reviewer**

2005                      *Ear and Hearing, Laryngoscope, Harefuah, IMAJ, European Archive of Otolaryngology*

## **10. MEMBERSHIP IN PROFESSIONAL SOCIETIES**

### **NATIONAL**

Israel Society for Auditory Research

Israeli Medical Association

Israeli Neurootological Society

Israeli Otolaryngological Society

Israeli Society for Head and Neck Surgery and Oncology

### **INTERNATIONAL**

American Academy of Otolaryngology Head and Neck Surgery

American Neuro-Otological Society

Collegium Oto-Rhino-Laryngologicum

European Academy of Otology and Neurotology

European Society of Pediatric Otolaryngology

French – Israeli Association of Otolaryngology – Head & Neck Surgery.

New York Academy of Sciences

Prosper Meniere Society

Society for Medical and Biological Engineering

## **10. HONORS AND AWARDS**

1996      Fellow award of the Chandler Society for basic science research study: Frequency specificity of distortion products otoacoustic emissions revealed by restricted laser - induced lesions to the organ of Corti. (Done with Brenda Lansbury-Martin and Glen Martin)

2006      Annual Israeli ENT Association awards for posters – second place

2009      Best poster award: Bilateral sequential cochlear implantation in children. Research day, Bnai Zion Medical Center, Rappaport School of Medicine, Technion – Israel Institute of Technology, Haifa, Israel

2018 Best poster award: ESPO, European Society for Pediatric Otolaryngology, Stockholm

## **11. GRADUATE STUDENTS**

### **Completed Basic Science Theses**

- 1987 Levit Irena. Growth of the Eustachian tube lumen with age. Primary supervisor: M Luntz.
- 1988 Eisman Shmuel. Gaseous pathways in atelectatic ears. Primary supervisor: M Luntz.
- 1991 Mark Ben Tankur T. Tripod ossiculoplasty in incudal lesions. Primary supervisor: M Luntz.
- 1993 Levi Dalia. Gas composition of the middle ear. Primary supervisor: M Luntz.
- 1997 Eilam Moshe. The correlation between the degree of mastoid pneumatization and changes in middle ear pressure during N<sub>2</sub>O anesthesia. Primary supervisor: M Luntz.
- 1999 Brodsky Alex. Sound localization in patients with cochlear implants. Primary supervisor: M Luntz.
- 1999 Maletskey Shelton. The volume of mastoid pneumatization - a 3D reconstruction of ultra-high resolution CT. Primary supervisor: M Luntz.
- 1999 Ashkenazy Dror. Evoked otoacoustic emissions in children with secretory otitis media. Primary supervisor: M Luntz.
- 2001 Wated Wasim. Sound localization in patients with cochlear implants. Primary supervisor: M Luntz.
- 2004 Hifler Michael. Sensorineural hearing loss in chronic otitis media. Primary supervisor: M Luntz.
- 2008 Shihada Rabia. Pattern of hearing deterioration in post lingual hearing impaired individuals prior to becoming cochlear implant candidates. Primary supervisor: M Luntz.
- 2008 Riad Khniefes. Natural history of acoustic hearing in the contra-lateral ear of unilateral cochlear implantees.



- 2008 Davidi Shmuel Erez. Perichondritis of the auricle – review of 114 clinical cases. Primary supervisor: M Luntz
- 2009 Masud Saker. Depth of stapes prosthesis in the vestibule. Primary supervisor: M Luntz.
- 2010 Yehudai Noam. Sensorineural hearing loss in Chronic Otitis Media. Primary supervisor: M Luntz.
- 2012 Koren Lena. The value of imaging in the diagnosis of intra-cranial complications in acute mastoiditis. Primary supervisor: M Luntz.
- 2012 Marin Duek. Otitis media control in children with cochlear implants. Primary supervisor: M Luntz.
- 2014 Amit Wolfovich. The anatomy of the round window and its relevance in acoustic hearing preservation in cochlea implantation. Primary supervisor: M Luntz.
- 2018 Maher Khury. The possible value of monosyllabic word recognition test as a screening tool for cochlear implantation candidacy
- 2019 Ayman Makhul. The development of indications for cochlear implantation between 1998-2018
- 2019 Amjad Toubia. Hearing outcomes and patients satisfaction after BAHA implantation

### **Completed MSc Theses**

- 2004 Rotem Hila. Auditory perception, visual perception and auditory visual perception of words and sentences: a comparison between deaf adolescence and children using cochlear implant and deaf adolescence and children using hearing aids. School of Speech and Hearing Disorders, University of Tel Aviv. Primary supervisor: M Luntz.
- 2011 Dana Agra. From bimodality to bilaterality. Comparison of speech perception ability and functional disability between bimodal (CI-HA) and bilateral CI users. Department of Communication Disorders, School of Education, University of Haifa. Primary supervisor: M Luntz.
- 2017 Maria Khuri. Association between speech perception, language acquisition and parents involvement in Arabic speaking toddlers at language age of 1.5-3 years
- 2017 Ranin Khair. Assessment of the contribution of combined acoustic hearing via a

hearing aid and electric hearing via a cochlear implant in adult bimodal users with moderate to severe residual hearing in the implanted and non-implanted ear.

Department of Communication Disorders, School of Education, University of Haifa. Primary supervisor: M Luntz.

- 2019 Mona Andraws-Shehadeh. Long-term outcomes of Cochlear Implantation in multicultural population: The effects of age of implantation and hearing experience (years of CI use) on hearing, language, social participation and quality of life. Department of Communication Disorders, School of Education, University of Haifa. Primary supervisor: M Luntz.

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### **Completed PhD Theses**

- 2007 Shpak Talma. Development of a test battery to evaluate the benefit of binaural-bimodal hearing in adults implantees who use a hearing aid in the opposite ear. School of Education, University of Tel Aviv. Primary supervisor: M Luntz.

### **Basic Science Theses in Progress**

- 2018 Nir Avrameto. The value of imaging in the diagnosis of intra-cranial complications in acute mastoiditis. A metanalysis.

## **12. RESEARCH GRANTS**

### **Competitive**

- 1993 Israel Science Foundation administered by the Academy of Science and Humanities (three-year grant), \$38,000, Middle ear gas exchange mechanism. PI: M Luntz.
- 1998 Ministry of Health Fellowship, Legacy Funds, 50,000 NIS, Bineural hearing. PI: M Luntz.
- 1998 Ministry of Health Fellowship, Legacy Funds, 400,000 NIS. Cochlear implantation. PI: M Luntz.
- 2000 Arnold Noyek Bridging the Silence grant, CISEPO – Canada, \$38,000, Telemedicine for rehabilitation of the deaf child. PI: M Luntz

- 2001 Ministry of Health Fellowship, Legacy Funds, 50,000 NIS. Acute mastoiditis, a multicenter study. PI: M Luntz.
- 2001 Ministry of Health Fellowship, Legacy Funds, 50,000 NIS, BAHA in children. PI: M Luntz.

**Industrial**

- 2000 Cochlear Corporation, Euro 60,000, Correlation of rate preference of Nucleus® Cochlear implant recipients and objective NRT measures (two-year grant). PI: M Luntz.
- 2002 Cochlear Corporation, \$25,000, Correlation between Auto NRT ESRT&C level with the nucleus freedom system, a two-year grant. PI: M Luntz.
- 2008 Cochlear Corporation, \$120,000, Bimodal hearing (three-year grant). PI: M Luntz.
- 2008 Cochlear Corporation, \$50,000, Bimodal hearing (three-year grant). PI: M Luntz.
- 2017 Sonova Ltd, \$150,000, Bilateral fitting of unilateral cochlear implant and contralateral hearing aid. PI: M Luntz.

### **13. PUBLICATIONS**

#### **13.1 Theses**

- 1984 **Luntz M**, Gorodetzki I, Schechter J. The value of cytology and colposcopy in the diagnosis of cervical carcinoma.

#### **14.2 Refereed Papers in Professional Journals**

##### **BASIC RESEARCH**

1. Sade J, **Luntz M**, Wolfson S, Berger G. The infant's pre-tympanic region of the Eustachian tube in health and disease. *Int J Ped Otorhinolaryngol* 1985; 10:237-243. BCD
2. Sade J, **Luntz M**, Berger G. The infant's "post-isthmus" region of the Eustachian tube in health and disease. *Am J Otol* 1986; 7:350-353. BCD
3. Sade J, **Luntz M**, Yaniv E, Yurovitzki I, Berger G. The Eustachian tube in chronic otitis media. *Am J Otolaryngol* 1986; 7:439-442. BCD
4. Buyanover D, Tietz A, **Luntz M**, Sade J. Biochemical composition of tympanosclerotic deposits. *Arch Otol Rhino Laryngol* 1987; 243:366-3:69. BC
5. **Luntz M**, Sade J. Diurnal fluctuations of middle ear pressure in atelectatic ears. *Acta Otolaryngol (Stockh)* 1988; 105:533-536. ABCD
6. Sade J, Shatz A, **Luntz M**, Fuchs C. The Eustachian tube muscles in healthy and inflamed ears. *Acta Otolaryngol (Stockh)* 1988; 105:543-548. BC
7. **Luntz M**, Sade J. The value of politzerization in the treatment of atelectatic ears. *Journal of Laryngology & Otology* 1988; 102:779-782. ABCD
8. Sade J, **Luntz M**. Fluctuations of middle ear aeration in atelectatic ears. *Acta Otolaryngol (Stockh)* 1988; Supp. 458:48-51. ABCD
9. **Luntz M**, Sade J. Growth of the Eustachian tube lumen with age. *Am J Otolaryngol* 1988; 5:195-198. ABCD
10. Sade J, **Luntz M**. The Eustachian tube lumen. A comparison between normal and inflamed specimens. *Ann Otol Rhinol Laryngol* 1989; 98:630-634. ABCD
11. Sade J, **Luntz M**. Gaseous pathways in atelectatic ears. *Ann Otol Rhinol Laryngol* 1989; 98:355-358. ABCD

12. **Luntz M**, Sade J. Daily fluctuations of middle ear pressure in atelectatic ears. *Ann Otol Rhinol Laryngol* 1990; 99:201-204. ABCD
13. **Luntz M**, Pitashny R, Sade J. Cartilage in the bony portion of the Eustachian tube. *Arch Oto-Rhino-Laryngol* 1990; 247:56-59. ACD
14. **Luntz M**, Sade J. The value of middle ear inflation as a diagnostic indicator of Eustachian tube patency. *J Laryngol Otol* 1990; 104:134-137. ABCD
15. **Luntz M**, Levit I, Sade J. The histological pattern of normal versus inflamed middle ear mucosa. *Arch Oto-Rhino-Laryngol* 1991; 248:127-128. ABCD
16. **Luntz M**, Eisman S, Sade J. Induced atelectasis of the middle ear and its clinical behavior. *Eur Arch Oto-Rhino-Laryngol* 1991; 248:286-288. ABCD
17. **Luntz M**, Sade J. Dynamic measurements of gas composition in the middle ear. I. Technique. *Acta Otolaryngol (Stockh)* 1993; 113:349-352. ABCD
18. Sade J, **Luntz M**. Dynamic measurement of gas composition in the middle ear. II. Steady state values. *Acta Otolaryngol (Stockh)* 1993; 113:352-357. ABCD
19. Levi D, Herman M, **Luntz M**, Sade J. Direct demonstration of gas diffusion into the middle ear. *Acta Otolaryngol (Stockh)* 1995; 115:276-278. ABCD
20. Sade J, **Luntz M**, Levy D. Middle ear gas composition and middle ear aeration. *Ann Otol Rhinol Laryngol* 1995; 104: 369-373. ABCD
21. **Luntz M**, Levi D, Herman M, Sade J. Relationship between the gas composition of the middle ear and the venous blood. *Laryngoscope* 1995; 105:510-512. ABCD
22. Sade J, Fuchs C, **Luntz M**. The pars flaccida, middle ear pressure and mastoid pneumatization index. *Acta Otolaryngol (Stockh)* 1996; 116:284-287. ABCD
23. Mover-Lev H, Levi D, **Luntz M**, Sade J. Dependence of middle ear gas composition on pulmonary ventilation. *Ann Otol Rhinol Laryngol* 1997; 106:314-319. AB
24. Sade J, Fuchs C, **Luntz M**. Shrapnell membrane and mastoid pneumatization. *Arch Otolaryngol Head Neck Surg.* 1997; 123:584-588. BCD
25. **Luntz M**, Fuchs C, Sade J. Correlation between retraction of the pars flaccida and the pars tensa. *Journal Laryngol. Otol.* 1997; 111:322-324. ABCD
26. Eilam M, Harel M, **Luntz M**, Fuchs C, Sade J. Middle ear pressure variations during 50% N<sub>2</sub>O anesthesia as a function of mastoid pneumatization. *Am. J. Otol* 1998; 19:709-711. ACD
27. Telischi F, Whiteman M, **Luntz M**. Supracochlear approach to the petrous apex: Case report and anatomic study. *Am. J. Otol.* 1999; 20:500-504. ABCD

28. **Luntz M**, Malatskey S, Braun J. The anatomic relationship between the second genu of the facial nerve and the incus - a high resolution CT study. *Am. J. Otol.* 2000; 21:5-8. ABCD
29. **Luntz M**, Maletskey S, Tann M, Barneir E, Reumi D. The volume of mastoid pneumatization - a 3D reconstruction of ultra-high resolution CT. *Ann. Otol Rhinol Laryngol.* 2001; 110:486-490. ABCD
30. **Luntz M**, Brodsky A, Hafner H, Pratt H. Sound localization in patients with cochlear implant – preliminary results. *Pediatric OtoRhino Laryngology.* 2001; 64:1-7. ABCD
31. **Luntz M**, Shpak T, Weiss H, Peleg C, Sharo R, Brodsky A, Teszler CB. Beneficial effect of contralateral amplification in cochlear implant users. *Cochlear Implants International Journal*, 2003; 4(4):52-54.ABCD
32. Shpak T, Berlin M, **Luntz M**. Objective measurements of auditory nerve recovery function in Nucleus CI24 implantees in relation to subjective preference of stimulation rate. *Acta Oto-Laryngologica*, 2004; 124:679-683. ABCD
33. Shpak T, **Luntz M**. Correlations between subjective rate preference and objective neural response telemetry measures. *Cochlear Collaborative Research Report 2005*; 30-31. ABCD
34. **Luntz M**, Brodsky A, Wated W, Weiss H, Tamir A, Pratt H. Sound localization in patients with unilateral cochlear implants. *Cochlear Implants International* 2005; 6(1):1-9. ABCD
35. Teszler CB, Ruimi D, Bar- Meir E, **Luntz M**. Width of the extended facial recess: a numerical study of ultrahigh-resolution computed tomography and it implications to minimally invasive otologic surgery. *Otology & Neurotology* 2005; 26:782-789. ABCD
36. **Luntz M**, Shpak T, Weiss H. Binaural-bimodal hearing: concomitant use of a unilateral cochlear implant and a contra-lateral hearing aid. *Acta Oto-laryngologica* 2005; 125: 863-869. ABCD
37. Tzach N, Shpak T, Most T, **Luntz M**. Changes in educational placement of hearing impaired children following cochlear implantation. *The Israeli Journal of Language, Speech & Hearing Disorders* 2007; 28:94-101. ABCD
38. **Luntz M**, Yehudai N, Shpak T. Hearing progress and fluctuations in bimodal-binaural hearing users (unilateral cochlear implant and contra-lateral hearing aid). *Acta Otolaryngol (Stockholm).* 2007; 127(10):1045-1050. ABCD

39. **Luntz M**, Yehudai N, Shpak T. Natural history of contralateral residual hearing in binaural-bimodal hearing. *Acta Otolaryngol.* 2008 Jun; 3:1-7. ABCD
40. Most T, Rothem H, **Luntz M**. Auditory, visual and auditory-visual speech perception by individuals with cochlear implants versus individuals with hearing aids. *American Annals of the Deaf* 2009; 154:284-292. AD
41. Shpak T, Koren L, Tzach N, **Luntz M**. Perception of speech by prelingual preadolescent and adolescent cochlear implant users. *International Journal of Audiology* 2009; 48:775-783. ACD
42. Yehudai N, Masoud S, Tova M, **Luntz M**. Depth of stapes prosthesis in the vestibule: baseline values and correlation with stapedectomy outcome. *Acta Otolaryngol* 2010; 130(8):904-908.
42. Most T, Harel T, Shpak T, **Luntz M**. Perception of suprasegmental speech features via bimodal stimulation: cochlear implant on one ear and hearing aid on the other. *Journal of Speech, Language, and Hearing Research.* 2011; 54:668-678. ACD
43. Most T, Gaon-Sivan G, Shpak T, **Luntz M**. Contribution of a contralateral hearing aid to perception of consonant voicing. *JDSDE* 2012; 17(2):244-258. doi:10.1093. ACD
44. Most T, Adi-Bensaid L, Sharkiya S, Shpak T, **Luntz M**. Everyday hearing performance in unilateral versus bilateral hearing aid users. *American Journal of Otolaryngology* 2012; 33:205-211. ACD
45. Yehudai N, Shpak T, Most T, **Luntz M**. Functional status of hearing aids in bilateral-bimodal users. *Otology & Neurotology* 2013; 34:675-681. ACD
46. Shpak, T, Most, T, **Luntz, M**. Fundamental frequency information for speech recognition via bimodal stimulation: cochlear implant on one ear and hearing aid on the other. *Ear Hear* 2014; 35:97-109. ACD
47. **Luntz M**, Egra-Dagan D, Attias J, Yehudai N, Most T, Shpak T. From hearing with a cochlear implant and a contralateral hearing aid (CI/HA) to Hearing with two cochlear implants (CI/CI): a within-subject design comparison. *Otol Neurotol.* 2014 Dec; 35(10):1682-1690. ACD

### **Submitted for Publication**

1. Shpak T, Most T, **Luntz M**. Phoneme recognition using monosyllabic words in noise with bilateral-bimodal stimulation by a cochlear implant in one ear and a hearing aid in the other. *Int J Audiology.* ACD

## CLINICAL RESEARCH

1. Sade J, Kremer S, **Luntz M**. "Tripod" ossiculoplasty in incudal lesions. Arch Otolaryngol - Head & Neck Surgery 1989; 115:596-599. BCD
2. Sade J, **Luntz M**. Modified radical mastoidectomies as gas pockets. Acta Otorhinolaryngol (Stockh) 1989; 107:456-459. Ann Otol Rhinol Laryngol 1990; 99:529-534. BCD
3. Sade J, **Luntz M**. Ossiculoplasty: bone and couplers. The four basic types of ossiculoplasty. Acta Oto-Rhino-Laryngologica belg. 1991; 45:71-75. D
4. Avraham S, **Luntz M**, Sade J. The influence of ventilating tubes on the surgical treatment of atelectatic ears. Eur Arch Oto-Rhino-Laryngol 1991; 248:259-261. ACD
5. **Luntz M**, Avraham S, Sade J. The surgical treatment of atelectatic ears and retraction pockets in children and adults. Eur Arch Oto-Rhino-Laryngol 1991; 248:400-401. ACD
6. Avraham S, **Luntz M**, Sade J. The effect of mastoid surgery on surgical treatment of atelectatic ears and retraction pockets. Eur Arch Oto-Rhino-Laryngol 1991; 248:335-336. ACD
7. **Luntz M**, Nussem S, Kronenberg J. Management of penetrating wound of the neck. Eur Arch Oto-Rhino-Laryngol 1993; 250:369-374. ABCD
8. **Luntz M**, Mark Ben Tankur T, Sade J. Tripod allograft in reconstruction of incudal lesions. J Otol Rhinol Laryngol 1994; 108:206-211. ABCD
9. **Luntz M**, Keren G, Nussem S, Krohenberg J. Acute mastoiditis - revisited. ENT Journal 1994; 73:648-654. ABCD
10. **Luntz M**, Hodges A, Balkany T, Dolan-Ash S, Schloffman J. Otitis media in children with cochlear implants. Laryngoscope 1996; 106:1403-1405. ABCD
11. Balkany T, **Luntz M**, Telischi F, Hodges A.V. Intact canal and wall drill-out procedure for implantation of the totally ossified cochlea. Laryngoscope 1997; 107 (6 suppl.) S58-9). CB
12. **Luntz M**, Balkany T, Hodges A, Telischi F. Cochlear implants in children with inner ear malformations. Arch. Otolaryngol - Head Neck Surg 1997; 123:974-977.ABCD
13. Ress B, **Luntz M**, Telischi F, Whiteman M, Balkany T. Necrotizing external otitis in patients with AIDS. Laryngoscope 1997; 107:456-460.ABCD
14. Balkany T, **Luntz M**, Telischi F, Hodges A.V. Intact canal and wall drill-out procedure for implantation of the totally ossified cochlea. Am. J. Otol. 1997; 15:58-59.BC



15. **Luntz M**, Balkany T, Hodges A, Telischi F. Surgical techniques for cochlear implants in children with inner ear malformations. *Am. J. Otol.* 1997; 18:66. BCD
16. Balkany T, Bird PA, Hodges AV, **Luntz M**, Telischi F, Buchman C. Surgical technique for implantation of the totally ossified cochlea. *Laryngoscope* 1998; 108:988-992. BCD
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## **In Press**

1. Noam Yehudai, Marine Duek, Roni Barzilai, Alexander Brodsky, Riad Khniefes, Rabia Shihada, Caroline Peleg, Talma Shpak, **Michal Luntz**. Focusing and updating indications for ventilating tubes insertion in pediatric cochlear implant candidates who suffer from otitis media. Harefua 2019

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#### REVIEW PAPERS

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2. Sade J, **Luntz M**. Adenoidectomy and otitis media. A review. *Ann Otol Rhinol Laryngol* 1991; 100:226-231. D
3. Sade J, **Luntz M**. Secretory otitis media. *Arch Otolaryngol* 1991; Suppl. 1p:57-66 D
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6. Balkany T, Hodges A, **Luntz M**. Update on cochlear implantation. *Otolaryngol Clin North Am* 1996; 29: 277-289. D
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8. Tsach N, Luntz M. How to facilitate the learning in a classroom of a mainstream student with cochlear implant. *Seeing the sounds* 2004 2:54-57. D

### 13.3 Books

1. Balkany T, **Luntz M**. Diagnosis and Management of Sensorineural Hearing Disorder. Lalwani: AK, Grundfast KM (ed) Pediatric Otolaryngology and Neurotology. Lippincote-Raven Publishers, Philadelphia, 1998. ABCD

### 13.4 Book Chapters

1. Sade J, **Luntz M**. The Eustachian tube lumen under normal and pathological conditions. In: Sultan A.A. (ed). Traite de Techniques Chirurgicales De L'Oreille. Paris; Maloine, 1988, pp. 59-66. BCD
2. Sade J, **Luntz M**. The Eustachian tube lumen. A comparison between normal and diseased states. In: Advances in Audiology. Basel; Karger, 1988, 5:56-70. BCD
3. Sade J, **Luntz M**. The Eustachian tube profile in children. A quantitative histopathological study of the Eustachian tube lumen and mucosal lining involvement in acute and secretory otitis media. In: Advances in Oto-Rhino-Laryngology. Basel; Karger, 1988, 39:18-36. ABCD
4. Sade J, **Luntz M**. Adenoidectomy and the Eustachian tube. In: Passali D. (ed). Nose & Eustachian Tube. Roma; CIC Edizioni Internazionali, 1989, pp. 135-154. D
5. Sade J, **Luntz M**. Middle ear gases. In: Pirodda E. (ed). Patologia e chirurgia dell'orecchio media a cure di. Bologna; Editrici Compositori, 1992, pp. 47-53. ABCD
6. **Luntz M**, Brodsky A. Acute mastoiditis. In: BC Decker Inc. Advanced Therapy in Otitis Media. 2004; 64:325-329. ABCD
7. **Luntz M**, Shpak T, Weiss H. Changes over time in the benefit of contra-lateral amplification in unilateral cochlear implant users. Auditory research bulletin, Advanced Bionics Corporation, Valencia, California, USA. 2005. pp 146-147. ABCD
8. **Luntz M**, Shpak T, Yehudai N, Most T. Hearing rehabilitation with cochlear implant. In Most T. & Ringwald D. (eds.). Theoretical and applied aspects in rehabilitation and education of deaf and hard of hearing individuals. MOFET publishing house, Tel Aviv, 2014, b, 15:187-222 (in Hebrew). ABCD

### 13.5 Letters to the Editor

1. Glikman D, **Luntz M**, Shihada R, Zonis Z, Evon L. Group B *Streptococcus* meningitis in a child with cochlear implant. Emerg Infect Dis. 2009 Oct; 15(10). ABCD

## 13.6 Refereed Papers in Conference Proceedings

### BASIC RESEARCH

1. Sade J, Wolfson S, **Luntz M**, Berger G. The anatomical regions of the Eustachian tube. In: Sade J. (ed). The Eustachian Tube. Amsterdam; Kugler, 1987, pp. 31-40.
2. Sade J, Wolfson S, Gelernter I, **Luntz M**. The Eustachian tube lumen in acute and secretory otitis media. In: Sade J. (ed). The Eustachian Tube. Amsterdam; Kugler, 1987, pp. 42-48.
3. Sade J, Fuchs G, **Luntz M**. The growth of the Eustachian tube lumen with age. In: Sade J. (ed). The Eustachian Tube. Amsterdam; Kugler, 1987, pp. 49-53.
4. Berger G, Sade J, Sachs Z, **Luntz M**. The involvement of the Eustachian tube mucosal lining in acute and secretory otitis media. In: Sade J. (ed). The Eustachian Tube. Amsterdam; Kugler, 1987, pp. 55-61.
5. Sade J, **Luntz M**. Gaseous pathways in atelectatic ears. In: Lim D, Bluestone C.D. (eds). Recent advances in otitis media with effusion. Philadelphia; B.C. Decker Inc, 1988, pp. 89-92.
6. **Luntz M**, Eisman S, Sade J. Diurnal middle ear pressure fluctuations in atelectatic ears. In: Tos M, Thomsen J, Peitersen E. (eds). Cholesteatoma and mastoid surgery. Amsterdam; Kugler & Ghedini Publications, 1989, pp. 507-510
7. Sade J, **Luntz M**. Middle ear gases. In: de Campora E. (ed). Third International Workshop-Rhinology Today, Roma 1990, pp. 55-62.
8. **Luntz M**, Sade J. The size of the Eustachian tube lumen in infants and children. In: Sacristan T, Alvarez-Vicent J.J, Bartuul J, Anatoli-Candela (eds.). Amsterdam; Kugler & Ghedini Publications, 1990, pp. 263-266.
9. **Luntz M**, Sade J. The relationship between acute and secretory otitis media. In: Sacristan T, Alvarez-Vicent J.J, Bartual J, Anatoli-Candela F. (eds). Amsterdam; Kugler & Ghedini Publications, 1990, pp. 301-303.
10. Sade J, **Luntz M**. Mastoid pneumatization and middle ear aeration. In: Filipo R. (ed). Recent Advances in Otosclerosis. Amsterdam; Kugler & Ghedini Publications, 1990, pp. 1-4.
11. Sade J, **Luntz M**. The atelectatic phenomenon - pathogenesis - revisited. In: Sade J, (ed). The Eustachian Tube, Basic Aspects. Amsterdam; Kugler & Ghedini Publications, 1991, pp. 313-317.

12. Sade J, **Luntz M**, Avraham S, Wolfson S. The anatomical regions of the Eustachian tube. In: Sade J. (ed). The Eustachian Tube, Basic Aspects. Amsterdam; Kugler & Ghedini Publications, 1991, pp. 3-9.
13. **Luntz M**, Sade J. The Eustachian tube growth with age. In: Sade J. (ed). The Eustachian Tube, Basic Aspects. Amsterdam; Kugler & Ghedini Publications, 1991, pp. 11-15.
14. Berger G, **Luntz M**, Sachs Z, Sade J. The involvement of the Eustachian tube mucosal lining in acute and secretory otitis media. In: Sade J. (ed). The Eustachian Tube, Basic Aspects. Amsterdam; Kugler & Ghedini Publications, 1991, pp. 69-72.
15. **Luntz M**, Pitashny R, Sade J. Cartilage in the bony portion of the Eustachian tube. In: Sade J. (ed). The Eustachian Tube, Basic Aspects. Amsterdam; Kugler & Ghedini Publications, 1991, pp. 17-21.
16. **Luntz M**, Levit I, Sade J. The histological continuum between healthy and diseased middle ears. In: Sade J. (ed). The Eustachian Tube, Basic Aspects. Amsterdam; Kugler & Ghedini Publications, 1991, pp. 99-101.
17. Sade J, Shatz A, **Luntz M**, Fuchs C. The Eustachian tube muscles in otitis media. In: Sade J. (ed). The Eustachian Tube, Basic Aspects. Amsterdam; Kugler & Ghedini Publications, 1991, pp. 23-26.
18. Sade J, **Luntz M**. Gaseous pathways in and out of the middle ear. In: Sade J, (ed). The Eustachian Tube, Basic Aspects. Amsterdam; Kugler & Ghedini Publications, 1991, pp. 287-289.
19. **Luntz M**, Sade J. The normal and inflamed Eustachian tube in relation to the middle ear. In: Sade J, (ed). The Eustachian Tube, Basic Aspects. Amsterdam; Kugler & Ghedini Publication, 1991, pp. 73-75.
20. **Luntz M**, Sade J. The diagnostic and therapeutic value of middle ear inflation. In: Sade J, (ed). The Eustachian Tube, Basic Aspects. Amsterdam; Kugler & Ghedini Publications, 1991, pp. 183-185.
21. **Luntz M**, Levi D, Herman M, Sade J. Relationship between the gas composition of the middle ear and the venous blood at steady state. In: Sade J. (ed). Infections in Childhood Ear, Nose and Throat Aspects. Proceedings of the 3rd International Conference of the European Working Group for Pediatric Otorhinolaryngology. Amsterdam; Excerpta Medica, 1994, pp. 10-13.
22. **Luntz M**, Levit I, Sade J. Histology of normal and inflamed middle ear mucosa. In: Sade J. (ed). Infections in Childhood Ear, Nose and Throat Aspects. Proceedings of the



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23. Sade J, **Luntz M**, Levi D. Middle ear gas composition. In: Sade J. (ed). Infections in Childhood Ear, Nose and Throat Aspects. Proceedings of the 3rd International Conference of the European Working Group for Pediatric Otorhinolaryngology. Amsterdam; Excerpta Medica, 1994, pp. 7-9.
  24. **Luntz M**, Malatskey S, Tan M, Bar Meir A. The volume of mastoid pneumatization - A 3-D Reconstruction of Ultra High Resolution CT. Seventh International Symposium on Recent Advances in Otitis Media (published in the addendum of the abstract book). Fort Lauderdale, Florida, USA, 1999.

### **CLINICAL RESEARCH**

1. Sade J, Kremer S, **Luntz M**. Incudal lesions and the Tripod. In: Babighian G. (ed). Transplants and Implants in Otology. Amsterdam; Kugler & Ghedini, 1988, pp. 147-154.
2. Avraham S, Goshen S, **Luntz M**, Sade J. Surgical treatment in atelectatic ears and retraction pockets. In: Sade J, (ed). The Eustachian Tube, Clinical Aspects. Amsterdam; Kugler & Ghedini Publications, 1991, pp. 315-320.
3. **Luntz M**, Keren G, Nusem S, Kronenberg J. Acute mastoiditis - Revisited. In: Sade J. (ed). Infections in Childhood Ear, Nose and Throat. Clinical Aspects. Proceedings of the 3rd International Conference of the European Working Group for Pediatric Otorhinolaryngology. Amsterdam; Excerpta Medica, 1994, pp. 125-128.
4. Sade J, **Luntz M**, Mark-Bentancur T. Tripod allograft in reconstruction of incudal lesions. In: Sade J. (ed). Infections in Childhood Ear, Nose and Throat Aspects. Proceedings of the 3rd International Conference of the European Working Group for Pediatric Otorhinolaryngology. Amsterdam; Excerpta Medica, 1994, pp. 200-204.

### **13.7 Other Publications**

### **CONSENSUS STATEMENTS**

1. Balkany TJ, Hodges AV, Buchman CA, Luxford WM, Pillsbury CH, Roland PS, Shallop JK, Backous DD, Franz D, Graham JM, Hirsch B, **Luntz M**, Niparko JK, Patrick J, Payne SL, Telischi FF, Tobey EA, Truy E, Staller S. Cochlear implant Soft

Failures Consensus Development Conference Statement. *Otology & Neurotology* 2005; 26:815-818. *Cochlear implant International* 2005; 6:105-122.

#### **PAPERS INCLUDED IN THE HOME STUDY COURSE OF THE AMERICAN ACADEMY OF OTOLARYNGOLOGY**

1. **Luntz M**, Hodges A, Balkany T, Dolan-Ash S, Schloffman J, Otitis media in children with cochlear implants. *Laryngoscope* 1996; 106:1403-1405.
2. Ress B, **Luntz M**, Telischi F, Whiteman M, Balkany T. Necrotizing external otitis in patients with AIDS. *Laryngoscope* 1997; 107:456-460.

#### **ABSTRACTS CHOSEN FOR EXCERPTA MEDICA AND YEAR BOOK**

##### **Basic Research**

1. **Luntz M**, Sade J. Growth of the Eustachian tube lumen with age. *Excerpta Medica*, Section 11, *Otolaryngology* 1989; 53:35.
2. Buyanover D, Tietz A, **Luntz M**, Sade J. The biochemical composition of tympanosclerotic deposits. *Year Book of Otolaryngology - Head and Neck Surgery* 1987; 111.
3. Sade J, **Luntz M**. Eustachian tube lumen: comparison between normal and inflamed specimens. *Year Book of Otolaryngology - Head and Neck Surgery* 1989; 86-88.
4. **Luntz M**, Eisman S, Sade J. Induced atelectasis of the middle ear and its clinical behavior. *Year Book of Otolaryngology - Head and Neck Surgery* 1991; 98.

##### **Clinical Research**

1. Sade J, Kremer S, **Luntz M**. Tripod ossiculoplasty in incudal lesions. *Year Book of Otolaryngology - Head and Neck Surgery* 1989; pp. 96-97.
2. Sade J, **Luntz M**. Adenoidectomy and otitis media: A review. *Year Book of Otolaryngology - Head and Neck Surgery* 1991; p.77.
3. Avraham S, **Luntz M**, Sade J. The effect of mastoid surgery on atelectatic ears and retraction pockets. *Year Book of Otolaryngology - Head and Neck Surgery* 1997; pp. 94-95.
4. **Luntz M**, Avraham S, Sade J. The surgical treatment of atelectatic ears and retraction pockets in children and adults. *Year Book of Otolaryngology - Head and Neck Surgery* 1991; p. 91.

## **REVIEW OF BOOKS**

1. **Luntz M.** Revision otologic surgery. Thieme New York. 1997. Invited review for Carrasco VN, Pillsbury, HC. (eds). Int. J. Ped. Otolaryngol. 1998; 46:127-128.

## **14. CONFERENCES**

### **14.1 Plenary, Keynote or Invited Talks**

#### **INTERNATIONAL**

1. Middle ear underaeration as a background for development of children cholesteatoma - its long-term prevention (round table on children cholesteatoma). Second European Congress of Oto-Rhino-Laryngology, Sorrento, Italy, 1992 (invited talk).
2. Instructor in the workshop on otitis media. Masters of Pediatrics, Miami, USA, 1995 (invited talk).
3. Three lectures on middle ear pathophysiology and chronic otitis media. First course on Recent Advances in Otitis Media with Effusion, Mexico City, Mexico, 1996 (keynote).
4. Middle ear aeration. Current Clinical Concepts in Otolaryngology, Miami, USA, 1996 (plenary).
5. Middle ear and mastoid aeration as it relates to cholesteatoma. Royal Society of Medicine - Section of Otology Meeting, London, England, 1996 (keynote).
6. Pollution and middle ear diseases. Round table on pollution in ENT. 3<sup>rd</sup> European Congress of the European Federation of Oto-Rhino Laryngological Societies (EUFOS), Budapest, Hungary, 1996 (invited talk).
7. Cochlear implant in patients with inner ear malformations. 4<sup>th</sup> International Conference on Pediatric ENT, Sienna, Italy, 1996 (invited talk).
8. 1. Acute mastoiditis – the antibiotic era. Cochlear implantation in special cases: the otitis prone child, inner ear malformations, totally ossified cochlea. 3<sup>rd</sup> International Audiology and Otology Symposium of the Royal Medical Services, Amman, Jordan, 1998 (invited talk).
9. Sensorineural hearing loss in children in northern Israel. Chairperson in one session on detection and rehabilitation of hearing loss. 4<sup>th</sup> International Symposium on Otology

- and Audiology: Early detection and management of hearing impairment in infants and children, Petach Tikva, Israel, 1998 (invited talk).
10. Pollution and secretory otitis media, at the round table on pollution and pediatric ENT diseases. 7<sup>th</sup> International Congress of Pediatric Otolaryngology, Helsinki, Finland, 1998 (invited talk).
  11. Otitis media with effusion at the millennium (plenary). Middle ear aeration. 10<sup>th</sup> British Academic Conference in Otolaryngology, Cambridge, England, 1999 (keynote).
  12. Cochlear implantation in healthy and otitis-prone children. Moderator of the session on evaluation and candidacy. CI 2000, 6<sup>th</sup> International Cochlear Implant Conference, Miami, Florida, USA, February 2000 (invited talk).
  13. Chairperson and moderator of the session on results, pitfalls and surgical complications in cochlear implantation. Cochlear implantation in healthy and otitis-prone children. EUFOS 2000, 4<sup>th</sup> European Congress of Oto-Rhino-Laryngology, Head and Neck Surgery, Berlin, Germany, May 2000 (invited talk).
  14. Discussion on technology implications. VISTA Symposium (Visiting Implant Specialists to Australia), Australia, July 2000 (invited talk).
  15. Chairperson of the panel on practical problems in otology, Speaker in the panel on active ear implants for hearing restoration. British Association of Otorhinolaryngology – Millennium Meeting, Nottingham, UK, September 2000 (invited talk).
  16. Sound localization ability in cochlear implant users with and without contra-lateral hearing aids. Third Congress of Asia Pacific Symposium on Cochlear Implant and Related Sciences, Osaka, Japan, April 2001 (invited talk).
  17. Sound localization ability in cochlear implant users with and without contra-lateral hearing aids. The use of high-resolution CT in cholesteatoma surgery. Acute mastoiditis – the post antibiotic era – a multicenter study. Co-Chairperson of the symposium on cholesteatoma. Co-chairperson of the symposium on mastoiditis – revival of a disease. 5<sup>th</sup> International Conference on Pediatric ORL, Graz, Austria, July 2001 (invited talk).
  18. Rate and location of surgically significant facial nerve exposure in chronic ear surgery. Facial nerve study group, American Academy of Otolaryngology, Head Neck Surgery, Denver, USA, September 2001 (invited talk).
  19. Bilateral investigator meeting. Cochlear Corporation, American Academy, Denver, USA, September 2001 (invited talk).

20. Choice of ear for re-implantation. Participant in the round table on bilateral implantation. 2nd European Clarion Investigators Meeting, Madrid, Spain, November 2001 (invited talk).
21. Chairperson of the section on rehabilitation. Invited speaker for the Clarion device (Advanced Bionics) Cochlear Implantation Surgery Workshop. 6<sup>th</sup> European Symposium on Pediatric Cochlear Implantation, Las Palmas, Gran Canaria, Spain, February 2002 (invited talk).
22. Speaker at the round table on the future of cochlear implantation. 7<sup>th</sup> International Cochlear Implant Conference, Manchester, UK, September 2002 (invited talk).
23. Cochlear implantation in otitis-prone children. Chronic otitis media and sensorineural hearing loss. 7<sup>th</sup> International Academic Otologic Workshop on Interaction between the Middle Ear and the Inner, Umea, Sweden. September 2002 (invited talk).
24. Middle ear aeration mechanism. (plenary) 2. The Eustachian tube and childhood chronic suppurative ear disease – is there a link? (Invited talk). Participated in two round tables: 1. Otitis media with effusion. 2. Mastoid surgery in children. 8<sup>th</sup> International Congress of Pediatric Otolaryngology, Oxford, England, September 2002.
25. The benefit of contra-lateral amplification in cochlear implant users. Wullstein Symposium, 3<sup>rd</sup> International Conference on Bilateral Cochlear Implants and Binaural Signal Processing, Würzburg, Germany, December 2002 (invited talk).
26. Participation in a round table on cochlear implantation. Lecture on Concomitant Use of Cochlear Implant and Hearing Aid. Hearing Loss 2003 Educational, Medical and Surgical Treatment, Athens, Greece, August 2003 (invited talk).
27. Participated as an opposer in a key topic discussion on the future of cochlear implants. Pre-Nucleus Outcome Seminar, Sardinia, Italy, September 2003 (invited talk).
28. CI in patients with inner ear anomalies: an update on candidacy considerations, surgical techniques and results. Nucleus Advanced CI Course, Mechelen, Belgium, November 2003 (keynote).
29. An overview on implantation in patients with inner ear malformations. 4<sup>th</sup> Advanced Bionic European Investigators Meeting, UK, November 2003 (invited talk).
30. Case study. Challenges in pediatric hearing restoration. Satellite Meeting of the 4th Congress of Asia Pacific Cochlear Implant and Related Sciences, December 2003 (invited talk).

31. The benefit of contralateral amplification in cochlear implant users. 4<sup>th</sup> Congress of Asia Pacific Symposium on Cochlear Implant and Related Sciences, Taipei, Taiwan. December 2003 (invited talk).
32. Intention, expectations and results in cochlear implantation. ESPO 6<sup>th</sup> International Conference of Pediatric ORL May 16-19, 2004, Athens, Greece, May 2004 (invited talk).
33. Panelist in the round table on mastoid surgery in children. Cholesteatoma, a practically unpreventable condition. Trying to optimize treatment. Panelist in the round table on management of ear surgery failures. 5<sup>th</sup> European Congress of Oto-Rhino-Laryngology, Head and Neck Surgery, Rhodes, Greece, September 2004 (invited talk).
34. Participant on the round table on bilateral and bimodal stimulation. Changes over time in the benefit of contra-lateral amplification in cochlear implant users. Advanced Bionics 5<sup>th</sup> European Investigators Conference, Vienna, Austria, November 2004 (invited talk).
35. Intentions, expectation and results in cochlear implantation. Honoring Lecture of Late Professor Carl Hamberger during the Annual General Meeting of the Swedish Society of Medicine, Gothenburg, November 2004 (keynote).
36. Eustachian tube dysfunction. Panelist in the sick eardrum RT: what to do with atelectatic or adhesive tympanic membranes? Vertigo in Children. WESPO meeting, San Diego, USA, March 2005 (invited talk).
37. Participated in the panel on consensus conference: cochlear implant soft failure (definition panel). 10<sup>th</sup> Symposium on Cochlear implant in Children, Dallas, USA, March 2005 (invited talk).
38. Cholesteatoma: a practically unpreventable condition. Trying to optimize treatment. Grand Round – Department of Otolaryngology, Weill Medical College of Cornell University, NY, USA, April 2005 (plenary).
39. 1. Cochlear implantation in children with otitis media. 2. Sensorineural hearing loss in chronic otitis media. 5<sup>th</sup> Extraordinary International Symposium on Recent Advances in Otitis Media, Amsterdam, The Netherlands, April 2005 (invited talk).
40. Round table on Eustachian tube dysfunction: diagnosis, medical and surgical therapy. Data acquisition for mathematical models on middle ear aeration and under-aeration. Mastoid pneumatization in health & disease. Round table on cochlear implant: new technologies and outcomes. Contribution of residual hearing on the non-implanted ear

- to overall auditory performance in unilateral cochlear implant users. Round table on treatment of OME: a critical look at the evidence. Cochlear implantation in otitis-prone children. XVIII IFOS World Congress, Rome, Italy, July 2005 (invited talk).
41. Round table on cochlear implants. Cochlear implantation in otitis-prone children. International Symposium on Otology, Venice, Italy, July 2005 (invited talk).
  42. Changes over time in the benefit of contra-lateral amplification in unilateral cochlear implant users. 21<sup>st</sup> Danavox Symposium: Hearing Aid Fitting, Kolding, Denmark September 2005 (invited talk).
  43. Round table: cochlear implant in challenging cases. Round table: when two otological world meet: cochlear implants in bilateral chronic ear. Cochlear implantation in challenging cases. Cochlear implantation in otitis prone children (poster presentation), 25<sup>th</sup> Politzer Society Meeting, Seoul, Korea, October 2005 (invited talk).
  44. Binaural – bimodal hearing: concomitant use of a unilateral cochlear implant and a contra-lateral hearing aid in subjects with useful residual hearing. The First 20 Years of Cochlear Implantation in Hannover, Hannover, Germany, October 2005 (invited talk).
  45. Natural history of residual hearing in CI candidates. 16<sup>th</sup> Advanced Bionics European Investigators Conference, Istanbul, Turkey, November 2005 (invited talk).
  46. Cochlear implantation in otitis-prone children – long-term results. Progress and fluctuations of speech understanding in noise test results in good cochlear implant candidates (users). 2<sup>nd</sup> International Conference on Innovative Approaches for Cochlear Implantation, Dead Sea, Israel, March 2006 (invited talk).
  47. Round table on device failure. When to replace a failed device – the surgeon point of view. 1. The evaluation of enhanced bimodal hearing obtained through adjustment of the cochlear implant frequency response: preliminary results. 2. Progress and fluctuations of speech understanding in noise test results in good cochlear implant candidates (users). Role of NRT and EABR recordings in programming difficult cases: 1 Narrow internal auditory canal, 2 Extensive cochlear ossification. Progress and fluctuations of speech understanding in noise test result in good cochlear implant candidates (users). The evaluation of enhanced bimodal hearing obtained through adjustment of the cochlear implant frequency response: preliminary results. Telephone use in pre-lingually deaf adults and adolescents implantees. Use of personal FM systems by implanted children. Speech perception and production skills over time in

- pre-lingual adolescent implantees. 8<sup>th</sup> European Symposium on Pediatric Cochlear Implantation, Venice, Italy, March 2006 (invited talk).
48. Round table on advances in assessment of hearing loss and communication disorders. Round table on advances in cochlear implantation. Bilateral stimulation in cochlear implant users. 8<sup>th</sup> International Congress of the Mediterranean Society of Otology and Audiology, Dubrovnik, Croatia. May 2006 (invited talk).
  49. Binaural-bimodal stimulation in unilateral ci users – longer term results. Correlation between auto NRT and behavioral T&C levels in nucleus freedom cochlear implantees – preliminary results. 9<sup>th</sup> International Conference on Cochlear Implants and Related Sciences, Vienna, Austria, June 2006 (poster presentation) (invited talk).
  50. Progress over time in speech understanding in noise and music appreciation in binaural bimodal users. Music Perception with Cochlear Implants Workshop, Seattle, USA, October 2006 (invited talk).
  51. Chairperson of the round table on cochlear implants. French-Israeli Association of Otolaryngology – Head & Neck Surgery Meeting, Jerusalem, Israel, October 2006 (invited talk).
  52. Control of otitis media in otitis-prone and non-otitis prone children – 1998-2006. Lithuania Annual Meeting of the Lithuanian ENT Association, Vilnius, Lithuania, January 2007 (keynote).
  53. Panelist in the round table on ear implant on one side, what should we do on the opposite side. Presentation: long-term speech in noise results in implantees who use unilateral CI and contralateral HA and its relation to contralateral residual hearing. Third Consensus Conference on Auditory Implants, Marseilles, France, June 2007 (invited talk).
  54. Panelist in round table: special cases in neurotology. 2007 ENT@SEA Meeting, (no a boat – Mediterranean Sea, October 2007 (invited talk).
  55. Cochlear implants: special problems. 9<sup>th</sup> International Congress of the Mediterranean Society of Otology and Audiology, Bari, Italy, November 2007 (invited talk).
  56. Speaker in the consensus meeting on auditory implants. The session on management of severe sensorineural hearing loss: hearing aids versus active middle ear implants versus cochlear implants. Bilateral cochlear implantation. Instructional course: imaging as a road map for otological diagnoses and surgery. Shihada R, Khalaila J, Lurie M, Braun J, **Luntz M**. Base of skull meningioma presented as chronic otitis media, 4<sup>th</sup> EAONO



- Instructional Workshop, Palma de Majorca, Spain, November 2008 (poster presentation) (invited talk).
57. Bilateral cochlear implantation. First Virtual World Otology Conference, March 25-27, 2009 (keynote).
  58. Giant cholesteatoma of the temporal bone: report of a representative case. Width of the extended facial recess: a numerical study of ultrahigh-resolution computed tomography and its implications in minimally invasive otologic surgery. Facial nerve paralysis as a presenting sign for fatal necrotizing external otitis: report of three consecutive cases. XI International Facial Nerve Symposium, Rome, Italy, May 2009 (invited talk).
  59. Cochlear implantation in otitis prone children. 6<sup>th</sup> Extraordinary International Symposium on Recent Advances in Otitis Media, Seoul, Korea, May 2009 (invited talk).
  60. 1. Bilateral sequential implantation. 2. Otitis media in children with cochlear implants – a long-term prospective study. Speaker in the round table on bilateral cochlear implantation in children, 9<sup>th</sup> European Symposium on Paediatric Cochlear Implantation, Warsaw, Poland, May 2009 (invited talk).
  61. Speaker in the round table on acute otitis media & otitis media with effusion middle ear aeration mechanism. 1<sup>st</sup> Meeting of the European Academy of ORL-HNS, Manheim, Germany, June 2009 (plenary).
  62. Assessment after Bilateral CI. 27<sup>th</sup> Polizer Society Meeting, London, UK. September 2009 (invited talk).
  63. Cochlear implant surgeons engaging with parents and teachers. Phonak and RGE Ear Foundation Virtual Conference, September 2009 (plenary).
  64. Speaker in the round table on vexing causes of sensorineural hearing loss. American Neurotologic Society Meeting, San Diego, USA, October 2009 (invited talk).
  65. Chairperson of the round table on otosclerosis. French-Israeli Association of Otolaryngology – Head & Neck Surgery Meeting (AFIDOC), Jerusalem, Israel, October 2009 (invited talk).
  66. Bimodal-binaural hearing (unilateral CI and contra lateral hearing aid). 7<sup>th</sup> Asia Pacific Symposium on Cochlear Implants and Related Sciences, Singapore, December 2009 (invited talk).

67. Round table on: Are cochlear implants a serious treatment for asymmetric hearing loss (AHL). Asymmetric Hearing Loss Symposium, Interlaken, Switzerland. February 2011 (invited talk).
68. From bilateral hearing aids to cochlear implantation in profoundly hearing impaired older children and adolescents. International Conference on Innovative Approaches for Cochlear Implantation, Dead Sea, Israel, March 2013 (invited talk).
69. New indications for cochlear implantation. Cochlear implantation in asymmetric hearing loss and bimodal use, Rome, Italy, May 2014 (invited talk).
70. New indications for cochlear implantation. Cochlear implantation in asymmetric hearing loss and bimodal use, Rome, Italy, May 2014 (invited talk).
71. Outcomes of Cochlear Implantation in Patients with Far Advanced Otosclerosis. Otosclerosis and Stapes Surgery Symposium. Siofok, Hungary, April 2014 (invited talk).
72. Implanting children with disabilities, Performance after revision surgery for cochlear implant soft failures, Cochlear Implantation in Auditory Neuropathy Spectrum Disorder (ANSD), ESPO, Dublin, May 2014 (invited talk).
73. Surgery & technology for disease control & hearing rehabilitation in chronic otitis media. EONO, Sienna, Italy 2014 (instructional course).
74. Cochlear Baha Attract System – First Experience Review Meeting. Gothenburg, Sweden, 2014 (invited talk).
75. Hearing, Hearing loss, and the Related Biotechnological Innovations. Birmingham Southern Alabama College. November 2014 (keynote).
76. Treating Hearing loss with Baha® Bone Conduction System. Berlin, January 2015. Chair of meeting (invited talk and key lecture).
77. Intracranial complications in acute mastoiditis. 18<sup>th</sup> International Symposium on Recent Advances in Otitis Media. National Harbor, USA, June 2015 (invited talk).
78. Moving from bimodal to bilateral cochlear implants. Bilateral Cochlear Implantation. Prague, March 2016 (plenary).
79. Cochlear implantation 2016 – are there any challenges left. Quality of life and rehabilitation strategies for CI users. Varese, Italy, 2016 (plenary).
80. Cochlear implantation 2016 – are there any challenges left? 103<sup>rd</sup> National Congress SIO Italian Society of Otolaryngology Head and Neck Surgery, May 2016 (invited talk).

81. BAHA in COM - candidacy considerations and outcomes. Cholesteatoma 2016. Edinburgh, Scotland, June 2016 (invited talk).
82. Acute mastoiditis workshop. ESPO 2016. Lisbon, Portugal. June 2016 (workshop moderator).
83. Cochlear implantation 2016 – are there any challenges left? CORLAS meeting. Bordeaux, France. September 2016 (keynote).
84. When to transition hearing aids to bimodal to bilateral. Global Research Symposium. Sidney, Australia, October 2016 (invited talk).

#### **NATIONAL**

1. Intraoperative facial nerve monitoring. Treatment & clinical aspects of facial nerve paralysis. Israeli Society of Otorhinolaryngology/Head & Neck Surgery, Dead Sea, 1999 (invited talk).
2. The yield of a structured etiologic search in children with sensorineural hearing loss. Annual Meeting of the Israeli Hearing and Language Association, Zichron Yaacov, February 2000 (invited talk).
3. Chairperson and coordinator of the meeting. Cochlear implant – candidacy technological and clinical aspects, Haifa, September 2000 (invited talk).
4. Surgical approach to tumors of the clivus. Israeli Society of Head and Neck Oncologic Surgery, Haifa, January 2001 (invited talk).
5. Hearing aids in patients with well-controlled chronic otitis media. Annual Meeting of the Israeli Hearing and Language Association, Haifa, February 2001 (invited talk).
6. Cochlear implantation. Israel Surgical Federation – 22<sup>nd</sup> Symposium Cochlear Implantation, Tel Aviv, May 2001 (plenary and invited talk).
7. Middle ear endoscopy. Annual Meeting of the Israeli Society of Otolaryngology Head and Neck Surgery, Dead Sea, February 2002 (invited talk).
8. The use of a structured protocol in the treatment of the otitis-prone child. Annual Meeting of the Israel Society of Otolaryngology – ENT in the community, Tel Aviv, April 2002 (invited talk).
9. Cochlear implantation – targets and future. Periodical meeting of educational hearing rehabilitation, Ministry of Education, Oranim, April 2002 (keynote).
10. Auditory rehabilitation and cochlear implants. First Middle East Hearing Association, Auditory Rehabilitation Conference, Haifa, February 2003 (invited talk).

11. 1. Objective mapping in cochlear implantation. 2. Hearing rehabilitation in well-controlled chronic otitis media. Periodic Pediatric Otolaryngology meeting, Petach Tikva, April 2003 (invited talk).
12. Round table on chronic otitis media. First Israeli Pediatric and Otolaryngologic Meeting, Tel Aviv, November 2003 (invited talk).
13. Participated in the panel on cochlear implantation in children – ethical aspect. 100<sup>th</sup> Anniversary – Micha Tel Aviv, Tel Aviv, November 2004 (invited talk).
14. Round table on dilemmas in the treatment of hearing impaired subjects. Israeli ENT Association monthly meeting, Tel Hashomer, January 2005 (invited talk).
15. Middle ear diseases in congenitally hard of hearing children. Parents Conference of Micha Tel Aviv, Haifa, March 2005 (invited talk).
16. 1. Surgery and technology in hearing rehabilitation. 2. Natural history of contra-lateral residual hearing in binaural-bimodal hearing, 43<sup>rd</sup> Congress of the Israeli Speech, Hearing and Language Association, Jerusalem, January-February 2007 (invited talk).
17. Instructional Surgery and Technology in Hearing Rehabilitation course, Annual Meeting of Israeli ENT Association – Head & Neck Surgery. Eilat, March 2007.
18. Binaural-bimodal hearing in children. Round table on rehabilitation of hearing on impaired children (They forgot me at home). 44<sup>th</sup> Congress of the Israeli Speech, Hearing and Language Association, Nazareth, January 2008 (invited talk).
19. Understanding the basics of cochlear implantation. The New Media Colloquium – The Center of Interactive Communication. Monthly Meeting, Beit Berl, March 2008 (invited talk).
20. Moderator of the round table on diagnosis and management of conductive hearing loss. Middle Ear Mechanics and Management of Conductive Hearing Loss, Surgery and technology in hearing rehabilitation, Tel Aviv, June 2008 (keynote).
21. Depth of the stapes prosthesis in the vestibule – baseline values and correlation with outcome of stapedectomy surgery. 45<sup>th</sup> Meeting of the Israeli Speech Hearing and Language Association, Ramat Gan, February 2009 (invited talk).
22. Ventilating tubes: indications and essence. 4<sup>th</sup> Meeting on Updates in Pediatrics, Ramat Gan, May 2009 (invited talk).
23. Assessment after bilateral CI. 20 years to cochlear implantation in Israel, Bar Ilan University, Tel Aviv, November 2009 (invited talk).

24. Residual acoustic hearing in bimodal cochlear implant users. Innovations in Auditory Restoration and Rehabilitation, Tel Aviv, December 2009 (invited talk).
25. Pediatric cholesteatoma. Annual Meeting of the Israeli Ambulatory Pediatric Association, Eilat, January 2010 (invited talk).
26. Treatment of cholesteatoma. Annual Meeting of the Israeli Speech Hearing and Language Association, Tel Aviv, February 2010 (invited talk).
27. Disease control and hearing rehabilitation in chronic otitis media with cholesteatoma. Annual Meeting of the Israeli Speech Hearing and Language Association, Tel Aviv, February 2009 (keynote).
28. CI candidacy evaluation in straight-forward adult cochlear implant candidates. Annual Meeting of the Israeli ENT Association, Eilat, March 2015 (invited talk and session chairperson).
29. Cochlear implantation 2016 – are there any challenges left? Annual Scientific Meeting of the Israeli Otoneurology Society, Tiberias, January 2016 (round table moderator).
30. Overcoming the limitation of hearing impairment: technology, surgery and society leadership. Hearing Health Day, Knesset, Jerusalem Israel, October, 2016 (keynote).
31. Decision and counseling in mixed HL simple and challenging cases. Implanatable Hearing Solutions, Tel Aviv, November 2016 (round table moderator).

## 14.2 Contributed Talks and Posters

### INTERNATIONAL

#### A. Oral Presentations

1. **Luntz M.** The Eustachian tube anatomy, a new point of view. International Conference on Acute and Secretory Otitis Media, Jerusalem, Israel, 1985.
2. **Luntz M.** Diurnal fluctuations of middle ear aeration in atelectatic ears. Collegium Oto-Rhino-Laryngologicum International, Torino, Italy, 1987
3. **Luntz M.** The caprice of middle ear aeration in atelectatic ears. International Conference on cholesteatoma and mastoid surgery, Copenhagen, Denmark, 1988.
4. **Luntz M.** Growth of the Eustachian tube with age. World Congress of Otolaryngology, Madrid, Spain, 1989.
5. **Luntz M.** Triological Society Meeting, Orlando, USA. Acute otitis media in children with cochlear implants, 1996.
6. **Luntz M.** Acute otitis media in children with cochlear implants. Third Extraordinary International Symposium on Recent Advances in Otitis Media, Copenhagen, Denmark, 1997.
7. **Luntz M.** Rate of CO<sub>2</sub> diffusion in inflamed middle ears (member of the conference advisory board). Third Extraordinary International Symposium on Recent Advances in Otitis Media, Copenhagen, Denmark, 1997.
8. **Luntz M.** The completely ossified cochlea – pre-implantation evaluation of the cochlea and its surrounding structures. Fourth European Symposium on Cochlear Implantation, Hertogenbosch, The Netherlands, 1998.
9. **Luntz M.** Acute mastoiditis in the antibiotic era. Seventh International Congress of Pediatric Otolaryngology, Helsinki, Finland, 1998.
10. **Luntz M.** Instructional course on high resolution CT - a road map for otologic surgery. American Academy of Otolaryngology, Head and Neck Surgery, New Orleans, USA, 1999.
11. **Luntz M.** Sound localization in unilateral cochlear implantation (chairperson of the session on middle ear implants). Electronic Implants in Otology and Conventional Hearing Aids, Birmingham, UK, May 2000.

12. **Luntz M.** Instructional course on high-resolution CT - a road map for otologic surgery. American Academy of Otolaryngology, Head and Neck Surgery, Washington DC, USA, September 2000.
13. **Luntz M.** Instructional course on high resolution CT – a road map for otologic surgery. American Academy of Otolaryngology, Head and Neck Surgery, Washington DC, USA, September 2001.
14. **Luntz M.** The benefit of contra-lateral amplification in cochlear implant users. 6<sup>th</sup> European Symposium on Pediatric Cochlear Implantation, Las Palmas, Gran Canaria, Spain, February 2002.
15. **Luntz M.** The influence of training on sound localization ability in unilateral cochlear implantees. 4<sup>th</sup> International Symposium on Electronic Implants in Otology and Conventional Hearing Aids, Toulouse, France, June 2003.
16. **Luntz M.** The benefit of contralateral amplification in cochlear implant users. 7<sup>th</sup> European Symposium on Paediatric Cochlear Implantation, Geneva, Switzerland, May 2004.
17. **Luntz M.** Panelist in the round table on management on minimally invasive techniques in otologic surgery. Width of the extended facial recess – a numerical study of ultra-high resolution CT and its implications in minimally invasive otologic surgery. 5<sup>th</sup> European Congress of Oto-Rhino-Laryngology, Head and Neck Surgery, Rhodes, Greece, September 2004.
18. **Luntz M.** Cochlear implantation in children with otitis media. Immediate post stapedectomy bone conduction loss. Progress and fluctuations of speech understanding in noise in good cochlear implant users. 42<sup>nd</sup> Congress of the Israeli Speech, Hearing and Language Association, Jerusalem, Israel, February 2006.
19. **Luntz M.** Progress and fluctuations of speech understanding in noise test results with cochlear implant that works according to specifications in good cochlear implant candidates (users). Collegium Oto-Rhino-Laryngologicum, Moscow, Russia, August 2006.

#### **A. Poster Presentations**

1. **Sade J, Luntz M, Wolfson S.** The anatomical regions of the Eustachian tube. International Conference on the Eustachian Tube, Geneva, Switzerland, 1989.

2. **Luntz M**, Sade J. The Eustachian tube lumen growth with age. International Conference on the Eustachian Tube, Geneva, Switzerland, 1989.
3. **Luntz M**, Pitashny R, Sade J. Cartilage in the bony portion of the Eustachian tube. International Conference on the Eustachian Tube, Geneva, Switzerland, 1989.
4. **Luntz M**, Levit I, Sade J. The histological continuum between healthy and diseased middle ears. International Conference on the Eustachian Tube, Geneva, Switzerland, 1989.
5. **Berger G**, **Luntz M**, Sachs Z, Sade J. The involvement of the Eustachian tube mucosal lining in acute and secretory otitis media. International Conference on the Eustachian Tube, Geneva, Switzerland, 1989.
6. **Sade J**, Shatz A, **Luntz M**, Fuchs C. The Eustachian tube muscles in otitis media. International Conference on the Eustachian Tube, Geneva, Switzerland, 1989.
7. **Luntz M**. Topography of the atelectatic tympanic membrane. Fifth British Academic Conference on Otolaryngology, Dublin, Ireland, 1991.
8. **Luntz M**, Sade J. The Eustachian tube growth with age. Fifth International Symposium – Recent Advances in Otitis Media, Florida, USA, 1991.
9. **Luntz M**, Levit I, Sade J. Histological continuum between healthy and diseased middle ears. Fifth International Symposium – Recent Advances in Otitis Media, Florida, USA, 1991.
10. **Luntz M**. Surgical treatment of atelectatic ears in children and adults. Second International Conference of the European Working Group in Pediatric Otolaryngology, Sirmione, Italy, 1992.
11. **Luntz M**. Measurement of middle ear gas pressures. Collegium Oto-Rhinolaryngologicum meeting, Cairo, Egypt, 1992.
12. **Luntz M**. Dynamic measurement of gas composition in the middle ear: steady state values. Pediatric Otolaryngology and Health Care Conference, Jerusalem, Israel, 1993.
13. **Luntz M**. The gas composition of the middle ear (co-chairperson in a session on rhinoplasmy). World Congress of Otolaryngology, Istanbul, Turkey, 1993.
14. **Luntz M**. 1. Acute mastoiditis in pediatric patients; middle ear gas composition and its aeration (co-chairperson in a session on middle ear inflammatory diseases, member of organizing committee). Third International Conference on Pediatric Otolaryngology, Jerusalem, Israel, 1993.



15. **Luntz M.** Gas diffusion and middle ear pressure. Member of the committee on middle ear aeration. Conference on Recent Advances in Otitis Media, Fort Lauderdale, Florida, USA, 1995.
16. **Luntz M.** Acute otitis media in children with cochlear implant. The Chandler Society, Miami, USA, 1995.
17. **Luntz M.**, Hodges A, Balkany T. Cochlear implants in children with inner ear malformations. Sixth Symposium on Cochlear Implants in Children, Miami Beach, Florida, USA, 1996.
18. **Luntz M.** Acute otitis media in children with cochlear implants; Cochlear implants in children with inner ear malformations. Cochlear Implant Meeting, Hannover, Germany, 1996.
19. **Luntz M.** Frequency specificity of distortion products otoacoustic emissions revealed by restricted laser - induced lesions to the organ of Corti. The Chandler Society, Miami, USA, 1996.
20. **Luntz M.** Cochlear implant in patients with inner ear malformations. XXIV Ordinary Congress of the Neurological and Equilibriometric Society, Haifa, Israel, 1997.
21. **Luntz M.** Acute otitis media in children with cochlear implants (co-chairperson in a session on benign paroxysmal positional vertigo). XXIV Ordinary Congress of the Neurological and Equilibriometric Society, Haifa, Israel, 1997.
22. **Luntz M.** Cochlear implantation in normal and otitis-prone children. A prospective study. CI 21999 000, 6<sup>th</sup> International Cochlear Implant Conference, Miami, USA, February 2000.
23. **Luntz M.** The volume of mastoid pneumatization - a 3D reconstruction of ultra-high resolution CT. The anatomic relationship between the second genu of the facial nerve and the incus – a high-resolution CT study. Cochlear implantation in normal and otitis-prone children. A prospective study. EUFOS 2000, 4<sup>th</sup> European Congress of Oto-Rhino-Laryngology, Head and Neck Surgery, Berlin, Germany, May 2000.
24. **Luntz M.** Cochlear implantation in normal and otitis-prone children. Sound localization in unilateral cochlear implantation (chairperson of one session on perception outcomes). 5<sup>th</sup> European Symposium on Pediatric Cochlear Implantation, Antwerp, Belgium, June 2000.

25. Shpak T, **Luntz M**, Feiglin H, Peleg K, Sharon R. The possible benefit of contralateral amplification in cochlear implant users. Symposium on Pediatric Cochlear Implantation, Los Angeles, USA, February 2001.
26. **Luntz M**. Sound localization ability in cochlear implant users with and without contralateral hearing aids. 8<sup>th</sup> Symposium on Cochlear Implant in Children, Los Angeles, California, February 2001.
27. **Luntz M**. The possible benefit of contralateral amplification in cochlear implant users. Third Asia Pacific Symposium on Cochlear Implants and Related Sciences. Osaka, Japan, April 2001.
28. **Luntz M**. Sound localization ability in cochlear implant users, with and without contralateral hearing aids. European Nucleus Outcomes Seminar II, Heraklion, Greece, June 2001.
29. Shpak T, Berlin M, **Luntz M**. Recovery function of compound action potential and subjective preference of stimulation rate. 7<sup>th</sup> International Cochlear implant Conference, Manchester, UK, 2002.
30. **Luntz M**, Shpak T, Peleg C, Sharon R, Brodsky A, Teszler CB. The benefit of contralateral amplification in cochlear implantees. 7<sup>th</sup> International Cochlear implant Conference, Manchester, UK, 2002.
31. **Luntz M**, Teszler CB, Shpak T, Feiglin H, Perach A. Cochlear Implantation in healthy and otitis-prone children – a prospective study. Collegium Oto-Rhinology-Laryngologicum, Noordwijk, The Netherlands, 2002.
32. **Luntz M**. Cochlear implantation in health and otitis-prone children. A prospective study. Collegium ORLAS meeting, Noordwijk, The Netherlands, September 2002.
33. **Luntz M**. Cochlear implantation in health and otitis-prone children. 7<sup>th</sup> International Cochlear Implant Conference, Manchester, UK, September 2002.
34. **Luntz M**. The benefit of contra-lateral amplification in patients with unilateral cochlear implant. 7<sup>th</sup> International Cochlear Implant Conference, Manchester, UK, September 2002.
35. **Luntz M**. Recovery function of compound action potential in nucleus 24 implantees and subjective stimulation rate preference. 7<sup>th</sup> International Cochlear Implant Conference, Manchester, UK, September 2002.

36. Tsach N, Peleg C, Shpak T, **Luntz M**. Post-implantation informal assessment of auditory skills in pre-lingual older children. 4<sup>th</sup> International Symposium on Electronic Implants in Otology and Conventional Hearing Aids, Toulouse, France, June 2003.
37. Shpak T, **Luntz M**. Cochlear implantation in a child with schizencephaly: a case report. 4<sup>th</sup> International Symposium on Electronic Implants in Otology and Conventional Hearing Aids, Toulouse, France, June 2003.
38. Weiss H, **Luntz M**, Brodsky A, Watad W, Tamir A, Pratt H. Sound localization in patients with unilateral cochlear implant. 7<sup>th</sup> European Symposium on Paediatric Cochlear Implantation, Geneva, Switzerland, 2004.
39. **Luntz M**, Teszler CB, Weiss H. Cochlear implantation in children with otitis media: Interim report of a long-term prospective study. 7<sup>th</sup> European Symposium on Paediatric Cochlear implantation, Geneva, Switzerland, 2004.
40. Shpak T, Berlin M, Mandel H, Gershoni R, **Luntz M**. Dynamics in EABR and ECAP recording in two cochlear implant patients with mitochondrial disease. 12<sup>th</sup> Neural Response Telemetry Workshop, Hannover, Germany, 2005.
41. **Luntz M**, N. Yehudai, N. Tsach, T. Shpak, T. Most. Binaural bimodal hearing (unilateral cochlear implant and contra-lateral hearing aid) in children. Collegium Oto-Rhino-Laryngologicum Berlin, Germany, August 2008.
42. Shihada R, Khalaila J, Lurie M, Braun J, **Luntz M**. Base of skull meningioma presented as chronic otitis media. 4<sup>th</sup> EAONO Instructional Workshop. Palma de Majorca, Spain, November 2008.
43. Yehudai N, Tsach N, Shpak T, Most T, **Luntz M**. Poster presentation: Binaural bimodal hearing (unilateral cochlear implant and contra-lateral hearing aid) in children. 4<sup>th</sup> EAONO Instructional Workshop, Palma de Majorca, Spain, November 2008.
44. Yehudai N, Brodsky A, **Luntz M**. Facial nerve paralysis as a presenting sign for fatal necrotizing external otitis. Report of two cases. XI International Facial Nerve Symposium, Rome, 2009.

45. **Luntz M.** Cochlear implantation in the elderly: surgical and hearing outcomes. International Conference on Innovative Approaches for Cochlear Implantation, Dead Sea, Israel March 2013.
46. **Luntz M.** Outcomes of unilateral CI and bimodal hearing (CI/HA) in straightforward adults CI candidates with moderate-severe hearing loss. CORLAS Annual Meeting. San Francisco, August 2015.

## NATIONAL

### A. Oral Presentations

1. **Luntz M.** The value of middle ear inflation as a diagnostic tool for Eustachian tube patency. 6<sup>th</sup> Israel Medical Week, Jerusalem, 1988.
2. **Luntz M.** Topography of the atelectatic tympanic membrane. 8<sup>th</sup> Israel Medical Week, Jerusalem, 1991.
3. **Luntz M.** Dynamic measurement of gas composition in the middle ear: steady state values. Pediatric Otolaryngology and Health Care Conference, Jerusalem, 1993.
4. **Luntz M.** The relationship between pars flaccida and pars tensa retraction pockets. National Meeting of the Israeli Otolaryngology Society, Dead Sea, 1994.
5. **Luntz M.** The volume of mastoid pneumatization - a 3D reconstruction of ultra-high resolution CT - preliminary results. ISRACAS 2000, 3<sup>rd</sup> Israeli Symposium on Computer-Aided Surgery, Medical Robotics, and Medical Imaging. Haifa, May 2000.
6. **Luntz M.** Cochlear Implantation in Normal and Otitis Prone Children - a prospective study. Israel Society for Auditory Research, Tel Aviv, November 2000.
7. **Luntz M.** Sound localization in patients with cochlear implants. Israel Society for Auditory Research Annual Meeting, Tel Aviv, October 2003.
8. **Luntz M.** Cochlear implantation in children with otitis media: current result of a long-term prospective study. 40<sup>th</sup> Congress of the Israeli Speech Hearing and Language Association, Ashkelon, February 2004.
9. **Luntz M.** Changes over time in the benefit of contra-lateral amplification in cochlear implant users. Israel Society for Auditory Research Annual Meeting, Tel Aviv, October 2004.
10. **Luntz M.** Cochlear implantation in children with otitis media. 42<sup>nd</sup> Congress of the Israeli Speech, Hearing and Language Association, Jerusalem, February 2006.

11. **Luntz M.** Immediate post stapedectomy bone conduction loss. 42<sup>nd</sup> Congress of the Israeli Speech, Hearing and Language Association, Jerusalem, February 2006.
12. **Luntz M.** Progress and fluctuations of speech understanding in noise in good cochlear implant users. 42<sup>nd</sup> Congress of the Israeli Speech, Hearing and Language Association, Jerusalem, February 2006.
13. **Shpak T**, Koren L, Tzach N, Peleg C, **Luntz M.** Instructional course: surgery and technology in hearing rehabilitation: optimal hearing rehabilitation in otosclerosis – current point of view. Annual Meeting of Israeli ENT Association, Eilat, March 2007 (oral presentation)
14. **Yehudai N**, Sacker M, **Luntz M.** Bone conduction changes post stapedectomy. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2008.
15. **Shihada R**, Khalaila J, Lurie M, Braun J, **Luntz M.** Base of skull meningioma presented as chronic otitis media. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2009.
16. **Luntz M.** Cochlear implantation in the elderly: surgical and hearing outcomes. International Conference on Innovative Approaches for Cochlear Implantation, Dead Sea, March 2013.

#### **B. Poster Presentations**

1. **Sigal G**, Duchman H, Fradis M, Attias D, Fridman Z, **Luntz M.** Bilateral temporal bone destructive lesions: Head and neck langerhans cell histiocytosis. 2<sup>nd</sup> International Symposium in Israel on Head and Neck Surgery and Oncology, Jerusalem, 1998.
2. **Shpak T**, Berlin M, **Luntz M.** Recovery function of compound action potential and subjective preference of stimulation rate. Research day, Bnai Zion Medical Center, Technion – Israel Institute of Technology, Haifa, 2003.
3. **Luntz M**, Shpak T, Peleg C, Sharon R, Brodsky A, Teszler CB. The benefit of contralateral amplification in cochlear implantees. Research day, Bnai Zion Medical Center, Technion – Israel Institute of Technology, Haifa, 2003.
4. **Teszler CB**, Ruimi D, **Luntz M.** Width of the extended facial recess: a numeric study of ultrahigh – resolution computerized tomography. Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2004.

5. Ben-David J, Halamish Y, Teszler CB, **Luntz M**. Equilibrium in pregnancy assessed by computerized dynamic posturography. Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2004.
6. Tsach N, Peleg C, Shpak T, **Luntz M**. Post-implantation informal assessment of auditory skills in pre-lingual older children. Research day, Bnai Zion Medical Center, Technion – Israel Institute of Technology, Haifa, 2004.
7. Shpak T, **Luntz M**. Cochlear implantation in a child with schizencephaly: a case report. Research Day, Bnai Zion Medical Center, Technion – Israel Institute of Technology, Haifa, 2004.
8. Weiss H, **Luntz M**, Brodsky A, Watad W, Tamir A, Pratt H. Sound localization in patients with unilateral cochlear implant. Research day, Bnai Zion Medical Center, Technion – Israel Institute of Technology, Haifa, 2004.
9. Teszler CB, Ruimi D, **Luntz M**. Width of the extended facial recess: a numeric study of ultrahigh – resolution computerized tomography. Research day, Bnai Zion Medical Center, Technion – Israel Institute of Technology, Haifa, 2004.
10. Ben-David J, Halamish Y, Teszler CB, **Luntz M**. Equilibrium in pregnancy assessed by computerized dynamic posturography. Research day, Bnai Zion Medical Center, Technion – Israel Institute of Technology, Haifa, 2004.
11. Shpak T, Koren L, Tzach N, Peleg C, **Luntz M**. Cochlear implantations in pre-lingual adolescents: outcome and its correlation to pre-CI candidacy parameters. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2007.
12. Yehudai N, Tzach N, Shpak T, **Luntz M**. Music appreciation in bimodal-binaural hearing users (unilateral CI and contra-lateral HA). Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2007.
13. **Luntz M**, Yehudai N, Shpak T. Natural history of contralateral residual hearing in binaural-bimodal hearing. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2007.
14. Yehudai N, Khnifas R, Shpak T, **Luntz M**. Natural history of contra-lateral residual hearing in cochlear implant. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2008.
15. Khalaila J, Tzach N, Peleg C, Hanan Mazawi, Shpak T, Tove Most, **Luntz M**. Cochlear implantation in children with additional difficulties: implications for educational placement. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck

Surgery, Eilat, 2008.

16. Ben-David J, Galboiz Y, **Luntz M**, Duchman H, Dishon S, Miller A. Cerebellar ataxia in multiple sclerosis patients treated with combined interferon Beta-1a (AVONEX) and 5-HT-agonist (BUSPIRONE): Neuro-Otological Evaluation. 10<sup>th</sup> Meeting of the European Neurological Society, Jerusalem, June 2000.
17. **Luntz M**, Teszler CB, Weiss H. Cochlear implantation in children with otitis media: interim report of a long-term prospective study. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2004.
18. Teszler CB, El-Naaj A, Emodi O, **Luntz M**. A comprehensive anatomic classification of dermoid cyst of floor of the mouth. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2004.
19. **Luntz M**, Teszler CB, Weiss H. Cochlear Implantation in Children with Otitis Media: Interim report of a long-term prospective study. Research day, Bnai Zion Medical Center, Technion – Israel Institute of Technology, Haifa, 2004.
20. Teszler CB, El-Naaj A, Emodi O, **Luntz M**, A comprehensive anatomic classification of dermoid cyst of floor of the mouth. Research day, Bnai Zion Medical Center, Technion – Israel Institute of Technology, Haifa, 2004.
21. Masoud S, Ben-David J, Teszler CB, **Luntz M**. Auditory brainstem response vs magnetic resonance imaging for evaluating retrocochlear lesions in sudden hearing loss. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2005.
22. Shihada R, Brodsky A, **Luntz M**. Giant cholesteatoma of the temporal bone: a report of two cases. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2005.
23. Goldsher M, Alona Paz, Masoud S, Efrat Wolfovich, **Luntz M**. Mucormycosis: challenge for the ENT surgeon. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2005.
24. Teszler CB, Talma Shpack, **Luntz M**. Imaging as gold standard of anatomic analysis in cochlear implantation: dilemmas and solutions. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2005.
25. Yehudai N, Brodsky A, **Luntz M**. Facial nerve paralysis as a presenting sign for fatal necrotizing external otitis: report of three successive cases over 7 years. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2005.

26. Khalaila J, Jacob Broun, **Luntz M**. Meningioma extending into the middle ear mimicking chronic otitis media. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2005.
27. **Luntz M**. Imaging as a gold standard for anatomic analysis in cochlear implantation – dilemmas and solutions. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2005.
28. **Luntz M**. Resolution of sino-orbital mucormycosis in a patient with leukemia. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2005.
29. **Luntz M**. Facial nerve paralysis – a presenting sign for fatal necrotizing. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2005.
30. **Luntz M**. Giant cholesteatoma of the temporal bone – a report of two cases. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2005.
31. **Luntz M**. Retro-cochlear findings in patients diagnosed with sudden sensorineural hearing loss and their compliance to the recommendation for post-hospitalization MRI. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2005 (poster presentation)
32. **Luntz M**. Meningioma extending into the middle ear mimicking chronic otitis media. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2005.
33. Shihada R, Ben-David J, **Luntz M**. Sensorineural hearing loss in patients with bullous myringitis. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2006.
34. **Luntz M**, Yehudai N, Koren L, Shpak T. Progress & fluctuations of hearing in good CI users with a well-functioning CI. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2006.
35. Haifler M, Gil S, Brodsky A, **Luntz M**. Sensorineural hearing loss in chronic otitis media. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2006.
36. Yehudai N, **Luntz M**. Immediate post stapedectomy negative bone conduction shift – a pilot study. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2006.



37. Koren L, Shpak T, Duchman H, **Luntz M**. Cochlear implant in a child with schizencephaly and cortical dysplasia. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2006.
38. Khalaila J, Chris Teszler, **Luntz M**. Cochlear implantation in otitis-prone children. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2006.
39. Shihada R, Ben-David J, Brodsky A, Toubi E, **Luntz M**. Cogan's Syndrome: a rare atypical presentation. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2006.
40. Yehudai N, **Luntz M**. Resolution of delayed (15 months) sudden sensorineural hearing loss after stapedectomy: case report and review of literature. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2006.
41. Yehudai N, **Luntz M**. Ear and hearing status after cholesteatoma surgery. Interim results of a long-term prospective study: facing reality. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2007.
42. Koren L, **Luntz M**. Practical note: surgical treatment for CSF leak in patients with inner ear malformation – case presentation and management algorithm. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2007.
43. Brodsky A, Yanovsky B, Kroitero S, Koren L, Shihada R, Goldsher M, Gaitini L, **Luntz M**. Malformation of the larynx resulting in severe difficulty to access airway. A case report. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2007.
44. Shihada R, Goldsher M, **Luntz M**. Aberrant carotid artery – an incidental finding before tonsillectomy. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2007.
45. Shpak T, Koren L, Tzach N, Peleg C, **Luntz M**. Cochlear implantations in pre-lingual adolescents: outcome and its correlation to pre-CI candidacy parameters. Annual Meeting of Israeli ENT Association, Eilat, March 2007 (poster presentation)
46. Yehudai N, **Luntz M**. Ear and hearing status after cholesteatoma surgery. Interim results of a long-term prospective study: facing reality. Annual Meeting of Israeli ENT Association, Eilat, March 2007 (poster presentation)

47. Shihada R, Goldsher M, Braun J, **Luntz M**. Aberrant carotid artery as an incidental finding before tonsillectomy. Annual Meeting of Israeli ENT Association, Eilat, March 2007 (poster presentation)
48. Yehudai N, Tzach N, Shpak T, **Luntz M**. Music appreciation in bimodal-binaural hearing users (unilateral CI and contra-lateral HA). Annual Meeting of Israeli ENT Association, Eilat, March 2007 (poster presentation)
49. Koren L, **Luntz M**. Surgical management of CSF leak in patients with inner ear malformation. Annual Meeting of Israeli ENT Association, Eilat, March 2007 (poster presentation)
50. Brodsky A, Yanovski B, Kroitero S, Koren L, Shihada R, Goldsher M, Gaitini L, **Luntz M**. Unexpected malformation of larynx resulting in severe difficulty to access airway. Annual Meeting of Israeli ENT Association, Eilat, March 2007 (poster presentation)
51. Yehudai N, Shpak T, **Luntz M**. Maximizing benefit from residual hearing in binaural-bimodal users (cochlear implant and a contra-lateral hearing aid). Annual Meeting of Israeli ENT Association, Eilat, March 2007 (poster presentation)
52. Koren L, Ben-David J, Saker Masud, **Luntz M**. Moderator of the round table on difficult cases in otology. Magnetic resonance imaging in patients with sudden hearing loss-patient's and public health compliance. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2008 (poster presentation)
53. Shihada R, Goldsher M, Duchman H, Simona Croitoru, Sliman Sbait, Igor Gankin, **Luntz M**. Use of three-dimensional computed tomography for detection and management of ingested foreign bodies. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2008 (poster presentation)
54. Yehudai N, Masoud S, and **Luntz M**. Bone conduction changes post stapedectomy. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2008 (poster presentation)
55. Shihada R, Maimon S, Braun J, Fradis M, **Luntz M**. Endovascular embolization of a hemorrhagic jugular bulb diverticulum using coils and onyx with balloon remodeling technique. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2008 (poster presentation)
56. Jawad K, Tzach N, Most T, Shpak T, Peleg C, **Luntz M**. Educational placement of cochlear implanted children with additional difficulties. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2008 (poster presentation)

57. Yehudai N, Khnifas R, Shpak T, **Luntz M**. Natural history of contra-lateral residual hearing in cochlear implant users. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2008 (poster presentation)
58. Shihada R, Fradis M, Vardizer Y, Braun J, **Luntz M**. Unilateral blindness following septoplasty. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2008 (poster presentation)
59. Khalaila J, Chris Teszler, Luntz M. Cochlear implantation in otitis-prone children. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2008.
60. Koren L, Ben-David J, **Luntz M**. MRI in patients with sudden hearing loss: patient's and public health compliance. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2008.
61. Shihada R, Goldsher M, Duchman H, Croitoru S, Sbeit S, Gankin I, **Luntz M**. Use of three-dimensional computed tomography for detection and management of ingested foreign bodies. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2008.
62. Shihada R, Fradis M, Vardizer Y, Braun J, **Luntz M**. Unilateral blindness following septoplasty. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2008.
63. Shihada R, Maimon S, Braun J, Fradis M, **Luntz M**. Endovascular embolization of a hemorrhagic jugular bulb diverticulum with coils and onyx using the balloon remodeling technique. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2008.
64. Khalaila J, **Luntz M**. Cochlear implantation in otitis-prone children. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2008.
65. Shpak T, Most T, Yehudai N, **Luntz M**. Perception of supra-segmental features by bimodal (CI-HA) adults. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2009 (poster presentation)
66. Khalaila J, Brand R, **Luntz M**. Number of ventilating tube needed for control of otitis media in children. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2009 (poster presentation)
67. Shihada R, Brodsky A, Srugo I, Bamberger E, Braun J, **Luntz M**. Practical note forum. Otogenic intracranial complications: Sigmoid sinus thrombosis in acute mastoiditis.

- Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2009 (poster presentation)
68. Brodsky A, Srugo I, Bamberger E, Braun J, **Luntz M**. Practical note forum. Otogenic intracranial complications: Sigmoid sinus thrombosis in acute mastoiditis. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2009 (poster presentation)
  69. Brodsky A, Shihada R, **Luntz M**. Herpes Zoster infection mimicking laryngeal cancer. Annual Meeting of Israeli ENT Association – Head & Neck Surgery, Eilat, March 2009.
  70. Shihada R, Khalaila J, Lurie M, Braun J, **Luntz M**. Base of skull meningioma presented as chronic otitis media. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2009.
  71. Shpak T, Most T, Yehudai N, **Luntz M**. Perception of supra-segmental features by bimodal (CI-HA) adults. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2009.
  72. **Luntz M**, Yehudai N, Tsach N, Most T, Shpak T. Bilateral sequential cochlear implantation in children. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2009.
  73. Khalaila J, Brand R, **Luntz M**. Number of ventilating tube needed for control of otitis media in children. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2009.
  74. Shihada R, Brodsky A, Srugo I, Bamberger E, Braun J, **Luntz M**. Practical note forum. Otogenic intracranial complications: Sigmoid sinus thrombosis in acute mastoiditis. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2009.
  75. Brodsky A, Shihada R, **Luntz M**. Herpes Zoster infection mimicking laryngeal cancer. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2009.
  76. Yehudai N, Shpak T, **Luntz M**. Resolution of pre-operative balance disorders after cochlear implantation. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2012.
  77. Khnifes R, Yehudai N, Shpak T, Wolfovitz A, Braun J, **Luntz M**. A decision dilemma for cochlear implantation: profound hearing loss in a patient with multiple ear and skull

- base anomalies. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2012.
78. Khnifes R, Yehudai N, Khalaila J, **Luntz M**. Lateral temporal bone resection with external ear canal obliteration for persistent cholesteatoma. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2012.
  79. Yehudai N, Shpak T, **Luntz M**. Cochlear Implantation in patients with a Vestibular Schwannoma in an only hearing ear. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2012.
  80. Yehudai N, Shpak T, **Luntz M**. Cochlear Implantation in patients with a Vestibular Schwannoma in an only hearing ear. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2012.
  81. Shihada R, Yehudai N, Shpak T, **Luntz M**. Bone anchored hearing aids (baha): coping with expected challenges. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2012.
  82. Yehudai N, Wolfovitz A, **Luntz M**. Fundamental frequency information for speech recognition via bimodal stimulation: cochlear implant in one ear and hearing aid in the other, Eilat, 2013.
  83. Yehudai N, Wolfovitz A, **Luntz M**. Atypical laryngeal manifestations of granulomatosis with polyangiitis (GPA), Eilat, 2013.
  84. Yehudai N, Wolfovitz A, **Luntz M**. Laryngeal myxoma – rare presentation, Eilat 2013.
  85. Yehudai N, Wolfovitz A, **Luntz M**. Necrotizing Cervical lymphadenitis masking aggressive burkit-like lymphoma, Eilat, 2013.
  86. Yehudai N, Wolfovitz A, **Luntz M**. Phonetic features perception in bilateral-bimodal hearing (CI/HA), Eilat, 2013.
  87. Yehudai N, Wolfovitz A, **Luntz M**. Reversible inner ear symptoms in destructive temporal bone lesions, Eilat, 2013.
  88. Wolfovitz A, Brodsky A, Yehudai N, **Luntz M**. Rare anatomical variant mimicking an isolated hyoid bone fracture. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2014.
  89. Dvir E, Brodsky A, **Luntz M**. Cervical cystic lymphangioma in an adult: a rare presentation. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2014.

90. Khnifes R, Yehudai N, Wolfovitz A, Braun J, Shpak T, **Luntz M**. Cochlear implantation in a patient with multiple ear and skull base anomalies. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2014.
91. Khoury M, Shihada R, Wolfovitz A, **Luntz M**. A neglected giant cholesteatoma. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2014.
92. Yehudai N, Heifler M, Siegal G, **Luntz M**. Clinical significance of sensorineural hearing loss in children with chronic otitis media. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2014.
93. Garti Gross Y, Dvir E, Yehudai N, **Luntz M**. Aberrant internal carotid artery in the middle ear – a differential diagnosis for conductive hearing loss. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2015.
94. Yehudai N, Masoud S, Khnifes R, Shpak T, **Luntz M**. Performance after revision surgery for cochlear implant soft failures. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2015.
95. Yehudai N, Rot O, Peleg C, Shpak T, **Luntz M**. Cochlear implantation in an adolescent with a progressive hearing loss and auditory neuropathy spectrum disorder. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2015.
96. Dvir E, Yehudai N, **Luntz M**. Disease control and hearing rehabilitation in chronic otitis media with cholesteatoma. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2015.
97. Tobia A, Khayr R, Shpak T, Gnizi J, **Luntz M**. Idiopathic intracranial hypertension presenting as auditory neuropathy spectrum disorder. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2015.
98. Wolfovitz A, Yehudai N, **Luntz M**. HRCT Anatomy of the round window and its clinical application in cochlear implantation. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2015.

### **15.3 Participation in Organizing Conferences**

#### **INTERNATIONAL**

1. 7<sup>th</sup> Asia Oceania Congress of Otolaryngological Societies, Hong Kong, 1991 (Advisory Committee).

2. 3<sup>rd</sup> International Conference on Pediatric Otolaryngology, Jerusalem, Israel 1993 (Organizing Committee).
3. 3<sup>rd</sup> Extraordinary International Symposium on Recent Advances in Otitis Media, Copenhagen, Denmark, 1997 (Advisory Committee).
4. 6<sup>th</sup> International Cochlear Implant Conference, 2000, Miami Beach, Florida, 1997 (Advisory Committee).
5. 7<sup>th</sup> International Symposium on Recent Advances in Otitis Media, 1999, Fort Lauderdale, USA, 1998 (Advisory Committee).
6. 1<sup>st</sup> Symposium on Maximizing the Benefit in Cochlear Implantation, Haifa, 2001 (Chairperson).
7. 7<sup>th</sup> International Cochlear Implant Conference, Manchester, UK, 2002 (International Advisory Committee).
8. 5<sup>th</sup> Extraordinary International Symposium of Recent Advances in Otitis Media, Amsterdam, The Netherlands, April 24-27, 2003 (Scientific Committee).
9. ESPO 6<sup>th</sup> International Conference on Pediatric ORL Athens, Greece, May 16-19, 2004 (Scientific Committee).
10. 6<sup>th</sup> Extraordinary International Symposium on Recent Advances in Otitis Media. Seoul, Korea, May 2009 (International Advisor to the Organizing Committee).
11. 7<sup>th</sup> Asia Pacific Symposium on Cochlear Implants and Related Sciences, December 1-4, 2009 (Organizing Committee).
12. 10<sup>th</sup> International Symposium on Recent Advances in Otitis Media, New Orleans , Louisiana, USA, June 5-9, 2011 (Organizing Committee).
13. 8<sup>th</sup> Asia Pacific Symposium on Cochlear Implants and Related Sciences (APSCI 2011) EXCO, Daegu, Korea, October 26-28, 2011 (Organizing Committee).
14. Bone conduction hearing, Berlin, Germany, January 22-23, 2015 (Chairperson).

#### **NATIONAL**

1. Cochlear Implant - Candidacy Technological and Clinical Aspects, Haifa, 2000 (Chairperson).
2. Arabic speaking pediatric implantees, 1<sup>st</sup> North Israel Workshop on the Rehabilitation of Subjects with Cochlear Implants. Haifa, January 2003 (Chairperson).
3. Hebrew speaking pediatric implantees. 2<sup>nd</sup> North Israel Workshop on the Rehabilitation of Subjects with Cochlear Implants, Haifa, July 2003 (Chairperson).

4. Hebrew and Arabic speaking pediatric cochlear implantees. 3<sup>rd</sup> North Israel Workshop on the Rehabilitation of Subjects with Cochlear Implants, Haifa, January 2004 (Chairperson).
5. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat 2004 (Scientific Secretary of the Society, Director of Program).
6. Monthly Israeli ENT Society Meeting, Haifa, April 2004 (Chairperson).
7. Teenagers and children implanted at an older age. 4<sup>th</sup> North Israel Workshop on the Rehabilitation of Subjects with Cochlear Implants, Haifa, July 2004 ((Chairperson).
8. Cochlear implantation – long-term results. 5<sup>th</sup> North Israel Workshop on the Rehabilitation of Subjects with Cochlear Implants, Haifa, January 2005 (Chairperson).
9. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2004 (Scientific Secretary of the Society, Director of Program).
10. Technological updates in cochlear implantation. 6<sup>th</sup> North Israel Workshop on the Rehabilitation of Subjects with Cochlear Implants, Haifa, July 2005 (Chairperson).
11. Future development and reliability. 7<sup>th</sup> North Israel Workshop on the Rehabilitation of Subject with Cochlear Implants, Haifa, February 2006 (Chairperson).
12. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2006 (Scientific Secretary of the Society, Director of Program).
13. Monthly Israeli ENT Society Meeting, Haifa, November 2006 (Chairperson).
14. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2004 (Scientific Secretary of the Society, Director of Program).
15. Bilateral auditory stimulation. 8<sup>th</sup> North Israel Workshop on the Rehabilitation of Individuals with Cochlear Implants, Haifa, March 2007 (Chairperson).
16. 1<sup>st</sup> Yearly Research Day of the Israeli Society of Otolaryngology, Tel Aviv, November 2007 (Scientific Secretary of the Society, Director of Program).
17. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery, Eilat, 2008 (Scientific Secretary of the Society, Director of Program).
18. 2<sup>nd</sup> Yearly Research Day of the Israeli Society of Otolaryngology, Tel Aviv, January 2009 (Scientific Secretary of the Society, Director of Program).
19. Annual Meeting of the Israeli Society of Otolaryngology, Head & Neck Surgery. Eilat, Israel 2009 (Scientific Secretary of the Society, Director of Program).
20. 1<sup>st</sup> Israeli Meeting on Hearing Restoration in Patients with Cholesteatoma, Tel Aviv, 2009 (Chairperson).



21. Monthly Israeli ENT Society Meeting. Joint Meeting of Bnai Zion Medical Center, Carmel Medical Center and ENT in the Community, Tel Aviv, 2011 (Co-Chairperson)
22. 2<sup>nd</sup> Israeli Meeting on Current Clinical Concepts in Cholesteatoma, Haifa, February 23, 2012 (Chairperson).
23. Challenges in the management of asymmetric hearing loss, Tel Aviv, February 1, 2013 (Chairperson).
24. Diagnosis, surgery and restoration of the ear and hearing in view of up-to-date technologies, Tel Aviv, January 17, 2014 (Chairperson).
25. The straightforward cochlear implant candidates and users - evaluation and outcomes. Tel Aviv, May 22, 2015 (Chairperson).
26. Time to focus on conductive, mixed, and mild-moderate hearing loss. Closing the gap between otolaryngologists, audiologists and educational audiologists, Tel Aviv, December 4, 2015 (Chairperson).

## **15. SIGNIFICANT PROFESSIONAL PROJECTS/ACTIVITIES**

### **Advanced Studies Abroad**

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|------|--|
| 1986 | Temporal bone dissection course, Faculty: Dr. Sultan, Paris, France,                               |
| 1995 | Cochlear Implantation course, Clarion device, Faculty: Dr. Balkany, Dr. McElveen, Miami, USA.      |
| 1995 | Tympanoplasty course, Faculty: Dr. Goldenberg, Miami, USA  |
| 1995 | Stapedectomy course, Faculty: Dr. Robinson, Dr. Lipy, Miami, USA                                   |
| 1995 | Tympanoplasty course, Faculty: Dr. Ed Appelbaum, Miami, USA  |
| 1995 | Guest fellow, House Ear Institute, Los Angeles, USA  |
| 1996 | Cochlear Implantation course, Nucleus, Faculty: Dr. Balkany, Dr. Chuasone, Miami, USA              |
| 1996 | Clinical Management of Vestibular Disorders course, Course director: Dr. Susan Herdman, Miami, USA |
| 1996 | Otoacoustic Emissions course, Course Director: Dr. Branda Lansbury-Martin, Miami, USA              |
| 1996 | International Workshop on Cochlear Implants. ENT Department of Vienna, Austria                     |
| 1999 | International Workshop on Cochlear Implants, Strasbourg, France                                    |

- 1999 18<sup>th</sup> Danavox Symposium on Auditory Models and Non-Linear Hearing Instruments, Scanticon, Kolding, Denmark
- 1999 Nucleus 24 Custom Sound Advanced Programming Conference for audiologists, Tel Aviv, Israel
- January 2000 Advanced Bionics Workshop on Advanced Mapping Strategic and the Clarion High Focus Electrode Tel Aviv, Israel
- January 2000 House Ear Institute. Skull base surgery – one-week visit (Dr. Antonio De la Cruz).
- May 2000 Surgical tips for implantation of MED-EL Cochlear implant (Dr. Baumgarten), Vienna, Austria
- September 2000 American Academy of Otolaryngology, Head and Neck Surgery, Washington DC, USA
1. Cochlear implant Contour Electrode Investigator Meeting.
  2. William House Cochlear Implant Study Group.
  3. Facial Nerve Study Group.
  4. Bilateral Implantation Investigators Meeting.
- June 2001 Focus Meeting on Electric-Acoustic Stimulation, Frankfurt, Germany
- June 2003 10<sup>th</sup> NRT Research Workshop, Toulouse, France
- November 2003 BAHA Surgical Course, Birmingham, UK
- May 2004 11<sup>th</sup> NRT Research workshop. Geneva, Switzerland
- May 2007 Objective Measures in Cochlear and Brainstem Implants, Varese, Italy
- March 2008 3<sup>rd</sup> Window Approach Workshop, Warsaw, Poland
- August 2008 EAS Hearing Preservation Surgical Workshop, Antwerp, Belgium
- February 2009 Hybrid Surgical Workshop, Mechelen, Belgium
- March 2010 9<sup>th</sup> Advanced Bionic Investigators' Conference, Amsterdam, Netherlands
- January 2011 BAHA, Surgical & Audiological Masterclass, Tel Aviv, Israel
- April 2016 Aging and implantable hearing solutions, Madrid, Spain

### **Projects/Activities**

- 1998 Voluntary ENT specialist, MICHA (school for the deaf) Tiberias, Israel
- 2000 Voluntary ENT specialist, Shma Koleno (school for the deaf) Jerusalem, Israel
- 5/2001 Introductory Clarion Workshop for Rehabilitators at the Israeli Community, ENT specialists, Bnai Zion Medical Center, Haifa, Israel (workshop director)

2003 Board of Directors (member), MICHA (school for deaf) Haifa and North Israel

### **Participation in International Multicentric Studies**

2015 Cochlear Implant and Healthy Aging: Multinational, Multicentre, Observational Study

### **Visiting Professorships**

8/2013 Visiting Professor, Department of Otolaryngology, Weill Medical College of Cornell University, NY, USA

8/2011 Visiting Professor, University of Miami Ear Institute, Jackson Memorial Hospital, Miami, Florida, USA

7-9/2008 Visiting Professor, Department of Otolaryngology, Division of Skull Base Surgery, Addenbrook Hospital, Cambridge, UK

4/2005 Visiting Professor, Department of Otolaryngology, Weill Medical College of Cornell University, NY, USA

4/2003 Visiting Professor, Department of Otolaryngology, University of Miami, Jackson Memorial Hospital, Miami, Florida, USA

12/2002 Visiting Professor, Department of Otolaryngology, University of Birmingham, UK

6/1999, 9/1998 Visiting Professor, University of Miami Ear Institute, Miami, Florida, USA