

CV Åke Reimer, borne 1945 04 04

I started my education in otorhinolaryngology 1973 in Malmö and was at the Malmö University ENT-clinic trained in microsurgery of the ear and audiological medicine. In the 1980th I was appointed senior physician with responsibility for otology and audiological medicine in Malmö. I left academic healthcare in 1990 for administrative reasons and was chief physician in Trelleborg. I continued as consultant with advanced otological surgery and minor surgery like tube insertion, abrasio veg.ad., tonsillectomy, snoring operations, skin tumors).I performed about 1500 otological operations (myringoplasty, tympanoplasty, radical operations, stapedectomy) till 2005 when I had to finish microsurgery due to sequel of surgery for ablatio retinae.

I presented my thesis 1978 about activity of cilia of the mucous membrane. My thesis was finished with studies of the effect of bacteria on activity of cilia. Pseudomonas aeruginosa, the most common bacteria in chronic otitis media forms pyocyanin which is toxic to cilia. We found that Pneumococcus forms substances that inhibit the activity of cilia. We planned to identify the cilia-inhibiting substance of pneumococcus formed but my research was stopped by academic intervention.

In 1994 I worked out an agreement with Trelleborg's healthcare district to establish an ENT outpatient department in Vellinga municipality. I continued as consultant in Trelleborg with minor ENT surgery and otological surgery. I was a consultant in Kristianstad and trained a colleague to independent surgical competence. During two trips to Kenya (1998 and 2002) I conducted ear surgery for Rotary Doctors Bank and Kenya Ear Foundation.

The ENT outpatient department in Vellinga municipality was operated until 2017 and since then I work some days a week as a consultant and offer help with assessment of patients with problems mainly in the areas of middle ear diseases, external ear as well as hearing problems and tinnitus.

CHRONOLOGICAL RECORD OF SERVICES

Geriatric medicine, 2 months; Anesthesiology, 6 months; Social medicine, 4 months General surgery, 3 months; Internal medicine, 4 months; Clinical neurophysiology, 6 months Otorhino-laryngology; ENT department Malmö General Hospital University Klinik.1973-1990. Assistant doctor in plastic surgery 4 months Malmö General Hospital 1983. Residence in otorhinolaryngology and audiological medicine 1973-1986 with shorter temporary work at the ENT clinics in Växjö and Halmstad. Specialist training in audiology and otosurgery in Malmö. Chief physician (temporary and regular) with responsibility for ear surgery and hearing care 1986-1990.

Project doctor Hospital Josina Machel, Luanda, Angola 12 months 1981-1982. Clinical work and epidemiological research. Project for the Ministry of Health in the People's Republic Angola and Swedish Save the children. Research project Brazil 1985. Epidemiological studies ear and hearing diseases, a month in Sao Paulo and Bauru.

Senior physician ENT clinic, Trelleborg Hospital 1990-1994. Consultant in otology and otosurgery, Trelleborg Hospital 1990-2002. Consultant in otology Kristianstad Hospital 1990-2002.

Project doctor in otosurgery, Kenya 1 month in 1998 and 2002, Kenya Ear Foundation and Rotary Doctor Bank.

Private physician ENT clinic Höllviken Sweden 1994-2017. Occasional receptions ENT-Center Crown Prince's Medical Center since 2018, www.onhcenter.se

ACADEMIC AND ADMINISTRATIVE EXPERIENCE

Tutor 3 courses in otorhinolaryngology for medical students 1974-76. Research training 1974-1978, studies of Mucociliary Activity of the respiratory Mucosa. Doctoral dissertation in Otorhinolaryngology 1978; "Mucociliary activity of the airway mucosa. A clinical and experimental study". Co-organizer of national continuing education courses in middle ear diseases and audiology medicine 1979-1988. Treasurer of the Swedish Medical Audiological Association (SMAF) 1985-90. Treasurer International Association for Physicians in Audiology (IAPA) 1985-1989. Co-organizer and teacher at three international seminars on diseases of the ear and the sense of hearing in children in developed and developing countries, Department of ENT, Malmö, Lund University 1984-1989. Associate professor in Audiological Medicine, Lund University since 1989.

Consultant in otology at the WHO Collaborating Center for Prevention of Deafness and Hearing Impairment, ENT department, Malmö General Hospital 1990-1998, teacher at courses in Moshi, Tanzania. Supervisor and co-author to dr. Inga Bastos in dissertational work 1982-1994. Tutorial in ENT diseases for ST doctors in general medicine at the ENT department Höllviken during 2000-2006. Vice-chairman of the Swedish association for private ENT doctors 2005-2008. Secretary in the Swedish Association for Audiological Medicine 2010 - 2014. Chairman of Skåne's private medical association 2008-2011. Supervisor for prospective audiologists 2010, follow-up examination of patients with tinnitus. Opponent in academic thesis, Gothenburg University 2013; Jolanta Juul, title "Hearing symptoms in children and adolescents-tinnitus and temporary threshold shift".

Educational and research collaboration with Dr. Filipe Matuba and Dr. Palmira Kuatoko Agosthino Neto University in Luanda Angola since 2013. Epidemiology and prevention of chronic otitis media. Affiliated to the Department of Translational Medicine, Faculty of Medicine, Lund University <https://www.medicin.lu.se/institutionenfortranslationellmedicin> where I collaborate with prof. Kristian Riesbeck (reference kristian.riesbeck@med.lu.se, Mobile +46 73037 74 33).

PUBLICATIONS

Textbook chapter: Facial paresis and Tinnitus in the ENT textbook, Student literature. Internetmedicin.se. (www.internetmedicin/tinnitus.se) Author of tinnitus, wax, common cold and otitis externa.

STUDIES ON ACTIVITY OF CILIA

The mucociliary activity of the upper respiratory tract. Toremalm NG, Mercke U and Reimer Å. *Rhinology* vol XIII; 113-120, 1975

[Intra- and extracellular activities of ciliated cells. A model for functional studies.](#)

Toremalm NG, Håkansson CH, Mercke U, Reimer A. *Acta Otolaryngol.* 1977 Jan-Feb;83(1-2):34-8. doi: 10.3109/00016487709128809.PMID: 842325

[The mucociliary activity of the upper respiratory tract. I. A method for use in experimental studies on human material.](#)

Reimer A, Håkansson CH, Mercke U, Toremalm NG. *Acta Otolaryngol.* 1977 May-Jun;83(5-6):491-7. doi: 10.3109/00016487709128877.PMID: 888685

[The mucociliary activity of the upper respiratory tract. II. A method for in vivo studies on maxillary sinus mucosa of animals and human beings.](#)

Reimer A, Toremalm NG. *Acta Otolaryngol.* 1978 Sep-Oct;86(3-4):283-8. doi: 10.3109/00016487809124748.PMID: 707069

[The mucociliary activity of the upper respiratory tract. III. A functional and morphological study on human and animal material with special reference to maxillary sinus diseases.](#)

Reimer A, von Mecklenburg C, Toremalm NG. *Acta Otolaryngol Suppl.* 1978;356:1-20.PMID: 279214

[The mucociliary activity of the respiratory tract. I. Inhibitory effects of products of *Pseudomonas aeruginosa* on rabbit trachea in vitro.](#)

Reimer A, Klementsson K, Ursing J, Wretling B. *Acta Otolaryngol.* 1980 Nov-Dec;90(5-6):462-9. doi: 10.3109/00016488009131749.PMID: 6782825

[The effect of carbon dioxide on the activity of cilia. A study on rabbit sinus mucosa in vitro.](#)

Reimer A. *Acta Otolaryngol.* 1987 Jan-Feb;103(1-2):156-60. doi: 10.3109/00016488709134712.PMID: 3105232

OTOLOGY

Surgical treatment of cholesteatoma with closed and open technique. A follow up in 167 ears. Reimer Å, Andreasson L and Harris S. *Clinical Otolaryngol.* 12:447-454, 1987.

Wound infections in ear surgery. Occurrence and aspects on prevention. Reimer Å and Ursing J. *Acta Otolaryngol* 1988; 449:223-227

Tubal function and surgery in chronic otitis media. A study on the predictive value of testing tubal function, Valsalva's maneuver and volume of ear space. Reimer Å, Andreasson L, Harris S, Ivarsson A and Tjernström Ö. *Acta Otolaryngol* 1988; 449:127-130

Short- and long-term results in myringoplasty. Reimer Å. VI th International Symposium in Audiological Medicine, 1991: p 34

Concentrations of the *Pseudomonas aeruginosa* toxin pyocyanin in human ear secretions. Reimer Å, Edvaller B and Johansson, B. *Acta Otolaryngol Suppl.* 2000;543:86-8.

RESEARCH IN ANGOLA , BRAZIL AND TANZANIA

Otitis media and hearing loss in children attending an ENT clinic in Luanda Angola. Bastos I, Janzon L, Lundgren K and Reimer Å. *International J Pediatric Otorhinolaryngol*,1990; 20:137-148

Otitis media and hearing loss in urban schoolchildren in Angola-a prevalence study. Bastos I, Reimer Å and Lundgren K. *Journal of Audiological Medicine* 2, 129-140, 1993

Fluoroquinolone-Resistant *Alcaligenes faecalis* Related to Chronic Suppurative Otitis Media, Angola. Filipe M, Reimer Å, Matuschek E, Paul M, Pelkonen T, Riesbeck K. *Emerg Infect Dis.* 2017 Oct;23(10):1740-1742. doi: 10.3201/eid2310.170268.PMID: 28930018 FreePMC article.

Suppurative otitis media in Angola: clinical and demographic features. Filipe M, Karppinen M, Kuatoko P, Reimer Å, Riesbeck K, Pelkonen T. *Trop Med Int Health.* 2020 Oct;25(10):1283-1290. doi: 10.1111/tmi.13466. Epub 2020 Aug 10. PMID: 32677730

Aerobic bacteria associated with chronic suppurative otitis media in Angola.Uddén F, Filipe M, Reimer Å, Paul M, Matuschek E, Thegerström J, Hammerschmidt S, Pelkonen T, Riesbeck K. *Infect Dis Poverty.* 2018 May 3;7(1):42. doi: 10.1186/s40249-018- 0422-7. PMID: 29720274 Free PMC article.

Pneumococcal carriage among children aged 4 -12 years in Angola 4 years after the introduction of a pneumococcal conjugate vaccine. Uddén F, Filipe M, Slotved HC, Yamba-Yamba L, Fuursted K, Pintar Kuatoko P, Larsson M, Bjurgert J, Månsson V, Pelkonen T, Reimer Å, Riesbeck K. *Vaccine.* 2020 Nov 25;38(50):7928-7937. doi: 10.1016/j.vaccine.2020.10.060. Epub 2020 Nov 2. PMID: 33143954 Free articles.

Middle Ear Disease and Hearing Loss Among Urban Children and Orphans in Bauru, Brazil. A Study of Prevalence and Practical Screening Priorities. Inga Bastos, Åke Reimer and Lars Andréasson.<https://cdn.gn1.link/iapo/imageBank/xiv-manual-da-iapo-engl-web-29.pdf> XIV IAPO MANUAL OF PEDIATRIC OTORHINOLARYNGOLOGY.2015.

Middle ear disease and hearing impairment in northern Tanzania. A prevalence study of schoolchildren in the Moshi and Monduli districts. Bastos I, Mallya J, Ingvarsson L, Reimer Å, Andreasson L. *Int J Pediatr Otorhinolaryngol.* 1995 Apr;32(1):1-12

AUDIOLOGICAL MEDICINE

Auditory brainstem response and gestational age in the newborn. Harris S, Mollerstrom B, Reimer Å and Grennert LG. *Scand Audiol Suppl* 13: 147-148, 1981

Hearing loss after general anaesthesia. A case report and review of literature. Hocherman M and Reimer Å. *Journal, of Laryngology and Otology*, 101: 1079-1082, 1987

Quantitative interpretation of audiological test battery. A comparison with ABR in 97 cases of unilateral hearing loss. Reimer Å. Scandinavian Audiology 16: 101-108, 1987

Eczema, itching, heat and humidity problems as obstacles to the effective use of hearingprotective devices. Bruhl P, Ivarsson A, Reimer Å and Toremalm, NG.Lakartidningen. 1988 Jan 7;85(1-2):38-40. Swedish.

Screening for hearing loss in preschool- and schoolchildren. XX th International Congress of Audiology.Tenerife, Spain, 1990, p.4

Influence of glycerol and underpressure in cochlear hearing loss.Reimer Å,Ivarsson A and Tjernström Ö. VI th International Symposium in Audiological Medicine 1991: p 8

Assessment of tinnitus patients in an ENT.-outpatient department. Poster at 7th European Federation of Audiological Societies Congress, Gothenburg 2005.

En uppföljande enkätundersökning av tinnituspatienter vid en ÖNH-mottagning. Åke Reimer ÖNH-mottagningen i Höllviken , Eline Lello och Unn Siri Olsen Audionomer vid Avdelningen för logopedi, foniatri och audiologi, Lunds Universitet Föredrag Medicinsk Riksstämman 2011.

Change of tinnitus severity over time and trial with listening to notched music. Paper presented at Tinnitus Research Initiative Conference, Valencia 2013.

Factors affecting severity of tinnitus - a follow-up study of tinnitus subjects at an Ear Nose Throat clinic in Sweden. Olsen US, Lello E, Nagaraj VS, Reimer Å, Ibertsson T, Brännström J. Int Tinnitus J. 2013;18(2):115-21. doi: 10.5935/0946-5448.20130013.PMID: 25773102