Åke Reimer

Full academic and professional curriculum vitae

Date of birth: 4 April 1945

Professional profile

ENT specialist, otologist and Associate Professor (Docent) of Audiological Medicine at Lund University, with extensive experience in ear microsurgery, hearing care, clinical research and international health. Performed approximately 1,500 ear operations, including myringoplasty, tympanoplasty, radical ear surgery and stapedectomy, through 2005.

Specialist training began in Malmö in 1973. Ear microsurgery ended in 2005 following retinal detachment surgery; outpatient and consultancy work continued.

Current innovation and clinical research

Co-founded ReiBeck Innovation AB in 2023 and serves as CEO. Co-developed EarClean, a single-use bellows pipette designed for suction and irrigation of the external ear canal. The device is CE-marked under the EU MDR as Class I for use with an intact tympanic membrane. European registered design protection is in place.

A clinical cohort of 100 consecutive patients with chronic suppurative otitis media (CSOM) was studied in Luanda in 2025 in collaboration with local clinicians. The manuscript is in preparation. CSOM use with a perforated tympanic membrane is outside the current CE-marked intended purpose.

Clinical appointments and international service

1973–1990 | Malmö General Hospital, University ENT Clinic: specialist training in ENT, audiological medicine and ear microsurgery; senior physician responsible for ear surgery and hearing care, 1986–1990.

1981–1982 | Hospital Josina Machel, Luanda, Angola: 12-month clinical and epidemiological project for the Ministry of Health and Swedish Save the Children.

1983 | Four-month appointment in plastic surgery, Malmö General Hospital.

1985 | One-month epidemiological research project in São Paulo and Bauru, Brazil.

1990–1994 | Senior physician, ENT Clinic, Trelleborg Hospital.

1990–2002 | Consultant in otology and ear surgery, Trelleborg and Kristianstad hospitals; surgical training of a colleague in Kristianstad.

1994–2017 | Founder and physician, private ENT outpatient clinic, Höllviken, Sweden.

1998 and 2002 | Ear surgery missions in Kenya with Kenya Ear Foundation and Rotary Doctors Bank.

Since 2018 | Occasional clinical consultations, ENT Center, Crown Prince’s Medical Center.

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Academic and administrative experience

1974–1978 | Research training in mucociliary activity of respiratory mucosa; tutor in ENT for medical students, 1974–1976.

1978 | Doctoral dissertation: “Mucociliary activity of the airway mucosa. A clinical and experimental study”.

1979–1988 | Co-organizer of national continuing education courses in middle ear disease and audiological medicine.

1984–1989 | Co-organizer and teacher at three international seminars on ear disease and hearing in children, Lund University, Malmö.

1985–1990 | Treasurer, Swedish Medical Audiological Association (SMAF); treasurer, International Association for Physicians in Audiology (IAPA), 1985–1989.

Since 1989 | Associate Professor (Docent), Audiological Medicine, Lund University.

1982–1994 | Supervisor and co-author in the doctoral research of Dr Inga Bastos.

1990–1998 | Consultant in otology, WHO Collaborating Center for Prevention of Deafness and Hearing Impairment, Malmö; teaching in Moshi, Tanzania.

Since 2007 | Educational and research collaboration with Dr Filipe Matuba and Dr Palmira Kuatoko, Hospital Josina Machel and Agostinho Neto University, Luanda, focusing on epidemiology and prevention of chronic otitis media.

2013 | Faculty opponent, University of Gothenburg, doctoral thesis by Jolanta Juul: “Hearing symptoms in children and adolescents – tinnitus and temporary threshold shift”.

Research affiliation: Department of Translational Medicine, Faculty of Medicine, Lund University; research collaboration with Professor Kristian Riesbeck, as recorded in the original CV.

Research interests

Mucociliary activity of the respiratory mucosa; bacterial inhibition of ciliary activity, including pyocyanin produced by Pseudomonas aeruginosa; otological surgery; audiological medicine; epidemiology and prevention of chronic otitis media.

Åke Reimer

Scientific publications

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.

Åke Reimer

Scientific publications

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.

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

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.

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 .

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

Åke Reimer

Scientific publications

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

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

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

Åke Reimer

Scientific publications

Studies on mucociliary activity

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

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, Wretlind 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