

Annotated Bibliography Professional Publications Roy F. Sullivan, Ph.D.

Fellow: American Academy of Audiology & American Speech-Language-Hearing Association

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- **“Why Morphology Matters: Practical Dispensing Applications of 21st Century Shell Design Technologies, Part 2: Practical applications and benefits for dispensing professionals”**

The Hearing Review, Volume 61, #3, March, 2008, pp 38, ff

A tutorial paper on the clinical dispensing applications of scan/print and invest/pour shell-making technologies.

- **“Why Morphology Matters: Practical Dispensing Applications of 21st Century Shell Design Technologies, Part 1”**

The Hearing Review, Volume 61, #2, February, 2008, pp 12, ff

A tutorial paper on the evolution of scan/print and invest/pour shell-making technologies.

- **“Scan/print vs. invest/pour shell-making technologies for CIC hearing aid fittings”**

The Hearing Journal, Volume 60, #2, February, 2007, pp 21, ff

A double blind research comparison of scan/print and invest/pour shell-making technologies with experienced CIC users.

- **“Resolving CIC fit problems via in-office modifications”**

The Hearing Journal, Volume 58, #1, January, 2005, pp 38, ff

A technique for in-office casting of ultra-violet cured retaining appendages for inhibiting extrusion of custom completely-in-canal Hearing Instruments.

- **“NETSCOPE 2000 – 2007”**

The Hearing Journal (Lippincott, Williams & Wilkins Publ.)

From January 1, 2000-2007, the author was appointed to contribute, at his discretion , a continuing series of full-page,hearing-relevant Internet website reviews. Resigned January, 2008.

“Netscope 2007: www.healthyhearing.com”

Volume 60, #8, April, 2007, p.68
Consumer hearing resource

“Netscope 2005: www.betterhearing.org”

Volume 58, #8, August, 2005, p. 45
Better Hearing Institute

“Netscope 2004: Web is short on impression-taking information”

Volume 57, #4, April, 2004, pp. 62 ff
Ear impression resources on the web.

“Netscope 2003: A look beneath the Dome”

Volume 56, #10, October, 2003, p. 54
A proprietary search service for communication disorders.

“Netscope 2003: Center promotes technologic solutions”

Volume 56, #4, May, 2003, p. 63
The Rehabilitation Engineering Research Center for Hearing Enhancement.

“Netscope 2003: <http://becker.wustl.edu/ARB/Exhibits/cid/>”

Volume 56, #2, February, 2003, p. 44
Historical hearing device virtual exhibit, Washington University, St. Louis.

“Netscope 2002: Boys Town offers a superior web site”

Volume 55, #11, November, 2002, p. 73
Boys Town National Research Hospital infant hearing program.

“Netscope 2002: Information for the hearing-impaired student”

Volume 55, #7, July, 2002, P. 37
Western Oregon University Outreach Hub for deaf / hearing-impaired students.

“Netscope 2002 www.earsurgery.com”

Volume 55, #4, April, 2002, p. 72
Informational website of ENT physician Mark Levenson, M.D.

“Netscope 2002: Hearing care ‘down under’ ”

Volume 55, #1, January, 2002, p. 55
Australian national healthcare hearing impairment program.

“Netscope 2001: American Tinnitus Association”

Volume 54, #11, November, 2001, p. 54
Organization website

“Netscope 2001: www.nidcd.nih.gov”

Volume 54, #9, September, 2001, p. 63
National Institute on Deafness and Other Communication Disorders

“Netscope 2001: interactive hearing surveys”

Volume 54, #7, July, 2001, p. 64
Online hearing screening survey instruments

“Netscope 2001: www.lhh.org”

Volume 54, #5, May, 2001, p. 56
The New York League for the Hard of Hearing

“Netscope 2001: www.augie.edu/perry/ear/ear.htm”

Volume 54, #3, March, 2001, p. 86

Virtual tour of the ear, informational resource, Augustana College, S.D.

“Netscope 2001: www.hear-it.org”

Volume 54, #2, February, 2001, p. 63

International Federation for the Hard of Hearing

“Netscope 2000: www.infanthearing.org”

Volume 53, #11, November, 2000, p. 94

The National Center for Hearing Assessment and Management, Utah State University

“Netscope 2000: An Auditory Tour and More”

Volume 52, #9, September, 2000, p. 68

Auditory anatomy and physiology web resources at the University of Wisconsin

“Netscope 2000: www.hearnet.org”

Volume 53, #7, July 2000, p. 72

A website devoted to hearing protection issues for rock musicians and fans

“Netscope 2000: www.communicationdisorders.com”

Volume 53, #5, May, 2000, p. 86

A comprehensive internet directory for online references in communication disorders

“Netscope 2000: www.audiologyonline.com”

Volume 53, #3, March, 2000, p. 86

A professional service / information site for the audiology profession.

“Netscope 2000: www.searchwave.com”

Volume 53, #1, January, 2000, p. 66

A specialized search directory for the hearing health professions.

- “Searching for Information on the world wide web”

The Hearing Journal, Volume 51, #6, June, 1998, pp 34 ff.

A tutorial on how to search for information on the Internet.

- “A guide to www.audiology.org”

The Hearing Journal, Volume 51, #4, April, 1998, pp 52 ff.

A description, by the editor, [RFS] of the American Academy of Audiology website including features for members, hearing professionals and patients.

- “A virtual visit to www.audiology.org”

The Hearing Review, Volume 5, #4, March, 1998, pp 28 ff.

A comprehensive description of the American Academy of Audiology Internet website, designed and edited by the author [RFS].

- **“Video otoscopy in audiologic practice”**
Journal of the American Academy of Audiology, Volume 8, 1997, pp 447-467.
Extensive, illustrated treatise on seven categories of video otoscopy applications within an audiological practice.
- **“Video otoscopy in hearing aid fittings”**
The Hearing Journal, Volume 50, #7, July, 1997, p. 38
Summary of video otoscopic applications to the hearing aid fitting process.
- **“Garden of Eden? Ghost Towns?”**
The Hearing Review, Volume 3, October 1996, pp 36, ff.
Editorial commentary: Speculation on the future of hearing health care on the Internet.
- **“Video otoscopy: Basic and advanced systems.”**
The Hearing Review, Volume 2, #10, November/December, 1995, pp 12 ff
A technical primer on the basic components and features of video otoscope systems. Color videographs of case and technical applications are included.
- **“Audiologic applications of video otoscopy.”**
The Hearing Journal, Volume 48, #8, August, 1995.
A review of categories of video otoscopy applications in audiologic practice. Color videographs of illustrative case studies are included.
- **“Independent audiology practice and the primary care physician.”**
Audiology Today, Volume 5, #5, September/October, 1993, pp 16 ff
Recommendations for successful clinical relationships between audiologists and primary care physicians.
- **“How video otoscopy benefits hearing health practice.”**
Hearing Instruments, Volume 44, #4, April, 1993, pp 15, ff
An examination of the benefits of video otoscopy of audiologists who are a referral resource for primary care physicians.
- **“Semantics and PCP communication in audiological practice.”**
Asha, Volume 34, #9, September, 1992, pp 42 ff
Issues for consideration by audiologists interacting with primary care physicians.
- **“Single frequency screener acceptance by primary care physicians.”**
Hearing Instruments, Volume 43, #7, July, 1992.
Results of a 14 month evaluation of the HEAR PEN hearing screener by 160 responding primary care physicians.

- **“A pocket-portable, single frequency screening device.”**
Hearing Instruments, Volume 43, #4, April, 1992. pp 39 ff

A technical report describing the HEAR PEN, a single frequency, single level, replaceable hearing screening device applicable for use by both primary care and ENT physicians.
- **“A useful tool for binaural fittings.”**
Hearing Instruments, Volume 42, #3, March, 1991. (co-authored with J. Agnew, Ph.D.)

A technical report describing the Binaural Equalizer, a narrow band personal sound field reference source for Hearing Instruments gain control adjustment.
- **“My hearing instrument is bugging me!”**
Hearing Instruments, Volume 41, #12, December, 1990.

A clinical report on two cases of hearing aid dysfunction with entomological origins.
- **“Acoustic coupling classification system and custom hearing aids, Part 1: Introduction and overview.”**
Reports in Hearing Instruments and Technology, Volume 2, #1, Fall, 1990.

The Acoustic Coupling Classification System is updated as applied to custom concha and canal hearing instrument fittings.
- **“Solving mini-canal fitting problems.”**
Hearing Instruments, Volume 41, #9, September, 1990.

Presents a discussion of morphologically based mini-canal instrument fitting difficulties. Describes the Tragal Notch Tongue (TNT) for solving these problems.
- **“Developing a consensus for “real ear” hearing instrument terms.”**
Hearing Instruments, Volume 41, #1, January, 1990. p 28 (co-authored With H.C. Schweitzer, Ph.D., L. Beck, Ph.D., and W.Cole)

A description of real ear measurement terminology as suggested by the ANSI S3.80 Committee on Probe Microphone Measurements of Hearing Aid Performance.
- **“Custom concha and canal hearing aids: A real ear comparison: Part 2.”**
Hearing Instruments, Volume 40, #7, July, 1989.

A detailed experimental investigation concerning the reasons for the relative acoustical advantages of four contemporary forms of custom hearing aids: Full concha, half-concha, canal and mini-canal.
- **“Custom concha and canal hearing aids: A real ear comparison: Part 1.”**
Hearing Instruments, Volume 40, #4, April, 1989.

A detailed experimental investigation concerning the relative acoustical advantages of four contemporary forms of custom hearing aids: Full concha, half-concha, canal and mini-canal.

- **“A clinical acoustic method for probe tube microphone placement near the tympanic membrane.”**
Hearing Instruments, Volume 39, #3, 1988.
An acoustical technique is described for accurate placement of the 1.5mm silicone real ear measurement probe tube in an artifact-free position near the tympanic membrane.
- **“Probe microphone real ear measurement (PREM): A new hearing aid fitting tool to benefit the consumer.”**
Shhh (Self-Help for Hard-of-Hearing), Volume 9, #1, January, 1988. pp. 18 ff
A consumer-oriented description of the new technology for hearing aid selection, evaluation and fitting.
- **“Probe tube microphone placement near the tympanic membrane”**
Hearing Instruments, Volume 39, #7, 1988
An acoustical method for in situ real ear measurement probe tip placement is presented.
- **“Transcranial ITE CROS”**
Hearing Instruments, Volume 39, #1, 1988. pp. 11 ff
A description of a new custom all-in-the-ear hearing instrument fitting designed to cross acoustic stimuli by re-radiated bone conduction from a clinically non-hearing ear (as may be attributable to mumps parotitis, idiopathic unilateral deafness and VIII N. section) to a normally hearing ear.
- **“Aided SSPL90 response in the real ear: A safe estimate.”**
Hearing Instruments, Volume 38, #9, October, 1987. p 36
A description of an atraumatic clinical technique for estimating the maximum signal level present in the ear of a hearing-aided patient.
- **“Hearing aid dispensing: Responsibilities, Rewards, Risks.”**
Asha, Volume 29, #4, April, 1987. pp 37 ff (co-authored with C. Sullivan, M.S.)
An invited article concerning professional responsibilities inherent in an audiological hearing instrument dispensing practice.
- **“Sound field equalization for real ear measurement with probe microphones”**
Hearing Instruments, Volume 38, #1, January, 1987. pp 20 ff (co-authored with D. Preves, Ph.D.)
A description and classification of the six basic methods of equalizing acoustic signal levels applicable to hearing aid response determination by probe microphone real ear measurement.
- **“A 25 year perspective on Hearing Aid Audiology.”**
Seminars in Hearing, Volume 7, #2, May, 1986. pp 229 ff
A discussion of the evolution of the field of clinical audiology based on twenty-five years of the author’s clinical practice.

- **“Clinical application of probe microphone real ear hearing aid measurements.”**
Audiological Acoustics, Volume 25, 1986. (co-authored with. and E. Libby, O.D., et al.)

An introduction to the application of probe tube microphone measurements in the clinical hearing aid fitting process.

- **“An acoustic coupling-based classification system for hearing aid fittings.”**
Hearing Instruments, Parts 2 and 3: Vol. 36, #12, December, 1985.

A description of a clinical system for classifying all forms of hearing aid fittings into four basic categories related to the type of acoustic coupling.

- **“An acoustic coupling-based classification system for hearing aid fittings.”**
Hearing Instruments, Part 1: Vol. 36, #9, September, 1985;

A description of a clinical system for classifying all forms of hearing aid fittings into four Basic categories related to the type of acoustic coupling.

➤ **TUTORIAL WEBSITE:**

AUDIOLOGY FORUM: VIDEO OTOSCOPY [www.rcsullivan.com]

An on-line atlas of clinical video otoscopy images categorically arranged by site of lesion and pathology, designed for audiologists, otologists, primary care physicians, nurses, physician's assistants and allied health professionals, opened in 1995. As of January, 2012, more than 450,000 site visits were counted. A Google search of "Video Otoscopy + Sullivan" reveals more than 3,500 international online citations. Dual, favorable website peer reviews were published in:

Ear and Hearing, Volume 18, #4, August, 1997

“Resource Reviews”

1. R. Koppersmith, MD, Baylor College of Medicine, p. 349
2. M. L. Gray, MD, Baylor College of Medicine, p. 350

➤ **TEXTBOOK:**

AUDIOLOGICAL EVALUATION AND REHABILITATION OF THE DEAF-BLIND ADULT Helen Keller National Center Press, Sands Pt., NY 1978 (co-authored with L. Kramer, M.A. and L. Hirsch, M.S.)

Methods and procedures for evaluating and rehabilitating hearing in persons with both deafness and blindness.

➤ **MUSIC WEBSITE:**

TUNES [www.rcsullivan.com/tunes]

Author's jazz keyboard perigrinations in an .mp3 downloadable format.