

REFERENCES

- Altmann, F. and Waltner, J.C. (1947) :
The circulation of the Labyrinthine fluids.
Ann. Atol. 56 : 684 - 708.
- Altmann, F. and Waltner, J.C. (1950) :
Further investigations on the physiology of the
Labyrinthine fluids.
Ann. Atol. 59 : 657-688.
- Andersen, H.C. (1948) :
Passage of trypan blue into the endolymphatic system of
the labyrinth. Acta Otolaryng. 36 : 273-283, 1948.
- Arnvig, J. (1951) :
Relation of the ear to the subarachnoid space and
absorption of labyrinthine fluid.
Act. Otolaryng., Suppl. 96 : 1-73.
- Arnvig, J. (1964) :
Transitory decrease of hearing after lumbar puncture.
Acta. Oto-Laryng, 56 : 700-705.
- Atkinson, F.G., Gillies, J. and William, M.B. (1982) :
Physiology and Pharmacology of spinal and epidural
anaesthesia. Anaesthesiology, 28 : 592 - 597.
- Atkinson, R.S. and Lee, J.A. (1973) :
Synopsis of anaesthesia.
7th edn., P. 561. John Wright, Britol.

Axelsson, A., (1968) :

The vascular anatomy of the cochlea in the guinea pig
and in man, Acta Otolaryng. Suppl. 243.

Balogh, K. and Koburg, E. (1965) :

Der plexus choleclearis. Arch Ohr. Nas Kehkopfheik.
185:638-645.

Quoted after Axelsson, A., 1968.

Bekesy, G.V., (1960) :

Experiments in hearing. New York. Mc Graw-Hill Book Co.

Bosher S.K. and Warren R.L., (1968) :

Observations on the electrochemistry of the cochlear
endolymph of the rat : a quantitative study.

Proc. roy. Soc. B. 171, 227.

Bromage, L. J., (1967) :

Complications of spinal injection.

Anaesthesiology, 28 : 112 - 124.

Bromage, L. (1969) :

Physiology of epidural anaesthesia.

Anaesthesiology, 29 : 529 - 533.

- Brownson, R.J., Stroud, M.H. and Carver, W.F. (1971) :
Extracorporeal cardiopulmonary bypass and hearing.
Arch. Otolaryngology, 93-179 : 182.
- Brunehei, F. (1951) :
Osser Vasioni Sulla Fisiopatologica Dell aguedotto
cochleare.
G. Accad. Med. Torino, 114 : 38.
- Bruny, J. and Guyer, P. (1973) :
The spread of solution injected into the epidural
space. Br. J. Anaesth. 45 : 338.
- Casey, F.L., Munson, E.S and Maniscalco, J.A. (1982) :
Cerebrospinal fluid pressure during N2O inhalation
anaesthesia.
Anaesth. Analg., 55 : 849 - 851.
- Chandra, L.A., Cooper, J. C. and Mayer, L. D. (1979) :
The effect of anaesthetic gases on middle ear pressure.
Ohio. state University College of Medicine, May.
- Choo, Y.B. and Tabowitz, D., (1964) :
The formation and flow of the cochlear fluids. 1-
22
Studies with radioactive sodium (Na²²).
Ann. Otol., 73 : 92-100.

Choo, Y.B., and Tabowitz, D., (1965) :

The formation and flow of the cochlear fluids. 2-
Studies with radioactive potassium (K) ^{+ 42}.
Ann. Otol., 74 : 140-149.

Darke, B. and Mark, A.C. (1983) :

Negative pressure in middle ear in children after N2O
anaesthesia. CAn. Anaesth. Soc. J., 33 : 32 - 35. .

Davis, J.R.M. (1979) :

Nitrous Oxide and middle ear. Anaesthesia, 34 : 147 -
151.

Egar, E.I., Saidman, L.J. and Thomsen, K. A. (1965) :

Hazards of nitrous oxide anaesthesia in bowel
obstruction and pneumothorax. Anaesthesiology, 26 : 61
- 66.

Engastrom, H., (1960) :

The cortilymph, the third lymph of the inner ear. Acta
Morphol. - Neerl. - Scand, J., 3: 195-204.

Everse, J. (1956) :

Zwei Erfolge der "Grossen Lumalpunktion" bei Innenohr
- Schewrhorigkeit. J. Laryngolgy and Otology, 38 : 835.

Fernandez, C., (1967) :

Biochemistry of labyrinthine fluids

Acta - Otolaryng. 86 - Aug. 1967.

Friedman, S.I. and Sasaki, C.T. (1975) :

Hearing loss during resuscitation. Archives of
otolaryngolgy, 101 : 385 - 386.

Gerham, R.D. Johnson, L.P. and Parkin, J.L., (1981) :

Action of general anaesthesia on middle ear effusion.
Arch. Otolaryngology, 106 : 100 - 102.

Goodhill, V. (1971) :

Sudden deafness and round window rupture.

Laryngoscope, 81 : 1462 - 1474.

Goodhill, V. (1973) :

Sudden deafness and Labyrinthine window rupture. Annals
of Otolgy, Rhinology and Laryngology, 82 : 2-12.

Gordon, A. (1981) :

hyperactive acoustic reflexs and perilymphatic
hypotension.

Arch. Otolaryngol., 107 : 774.

Gordon, A. (1983) :

Hypoacusis after spinal anaesthesia. Lancet, 2 : 793.

Green, B. (1950) :

A. 26 gauge lumbar puncture needle : its value in prophylaxis of headache following spinal anaesthesia. Anaesthesiology, 11 : 464 - 469.

Greene, N.M., (1969) :

Physiology of spinal anaesthesia. 2nd Edition. Battmore : Williams and Wilkins Co.

Guild, S.R., (1927) :

The circulation of the endolymph. Amer. J. Anat. 39: 57-81.

Hardy, P.A.J. (1986) :

Hypoacusis following extradural injection. British Journal of Anaesthesia, 58 : 573.

Hardy, P.A., (1988) :

Influence of spinal puncture and injection on VIII th nerve function.

J. Laryngology and Otology, 102 : 452.

Hochermann, M. and Reimer, A. (1987) :

Hearing loss after general anaesthesia. (A case report and review of literature)

J. of Laryngology and otology, 101 : 1079 : 1082.

Hughson, W. (1939) :

Note on the relationship of cerebrospinal and intralabyrinthine pressure.

Am. J. Physiol., 101 : 396 : 407.

Inkada, W.M. (1985) :

Communicatory routs connecting the middle ear, inner ear and the subarachnoid space via perineural space.

Acta. Otolaryngol. (Stockh), 99 : 428 - 436.

Johnstone. C.G.; Schmidt, R.S., and Johnstone. B.M., (1963) :

Sodium and potassium in vertebrate cochlear endolymph as determined by flame microspectro-photometry.

Comp. Biochem. Physiol., 9 : 335-341.

Karlefors. J., (1924) :

Die Hirnhäuträume des Kleinhirns die verbindendes 4. Ventrikels mit den subarachnoidalen Räumen und der aquaeductus cochleae bei Kindern und Erwachsenen.

Acta otolaryng. Suppl. 4.

Q. After Lawrence, M., 1973.

Lawrence, M., (1973):

Paperella, M.M., Shumrick, D.A. (editors)

Otolaryngology. Philadelphia, W.B. Saunders Company Vol. I.

Ch. Inner ear Physiology P. 275 - 298.

Lawerence, M.; Wolsk, D., and Litton, W.B., (1961) :

Circulation of the inner ear fluid.

Ann Otol., 70 : 753-776.

Leland, P. Johnson, K. and Porkin, L. (1980) :

Action of general anaesthesia on middle ear effusion.

Arch. Otolaryngology, 106 : 100-102.

Man, A., Segal, S. and Ezra, S. (1980) :

Ear injury caused by elevated intratympanic pressure during general anaesthesia.

Acta Anaesthesiologica Scandinavia, 24 : 224 - 226.

Matz, G.J. (1967) :

Effects of nitrous oxide on middle ear pressure.

Anaesthesiology, 28 : 948-950.

Mendelson, M., and Lonishi, T., (1969) :

The effects of Local anoxia on the cation content of the endolymph. Ann. Otol. Rhinol Laryngol 78 : 65-75.

Meurman, Y. and Mygind, S.H., (1948) :

Static Function of labyrinth.

Acta. Otolaryngol. (Suppl.), 70 : 111 - 113.

Michael, R. and Peacock, K. (1981) :

The effect of anaesthesia on middle ear function. J. of
Laryngology and Otology, 91 : 81-83.

Millen, S.J., Toohill, K.J. and Lehman, R.H. (1982) :

Sudden sensorineural hearing loss.

Laryngoscope, 86 : 399 - 404.

Millen, J.A., Fronkalsrud, E.W. and Lata, H.L. (1982) :

Fat embolism associated with entracorporeal circulation
and blood transfusion.

Surgery, 51 : 448 : 451.

Misrahy, G.A., Hildreth, K.M., Shinabarger, E.W., and Gannon,
W.J.. (1958) :

Electrical properties of wall of endolymphatic space of
the cochlea (guinea-pig)

Amer J. Physiol., 194 : 396-402.

Moir, D.D., (1980) :

Obstetric Anaesthesia and Analgesia. 2nd. Ed. London.
bailliere Tindall.

Moore, D.I. (1976) :

Nitrous oxide and middle ear.

Anaesthesia, 34 : 147-151.

Naftalin, L. and Harrison, M.S.(1958) :

Circulation of Labyrinthine fluids.

J. Laryngo., 72:118-136. 1958.

Ohma, M. (1939) :

Über einige Beziehungen krankhafter Veränderungen der
Labyrinthliquorräume und Liquorkanäle zueinander.

Der. Hals-, Nasen-Ohrenarzt, 30 : 73.

Owen, W.D., Gustave, F. and Sclaroff, A.(1978) :

Tympanic membrane rupture with N2O anaesthesia.

Anaesth. Analg., 57 : 283 - 286.

Panning, B. (1983) :

Transient low frequency hypoacusia after spinal
anaesthesia.

Lancet, 2 : 582.

Paparella, M.M. , (1973) :

Otolaryngology. Vol. 2, Ear. W.B. Saunders Co.

Philadelphia, P.A.

Patterson, M.E. and Bartlett, P.C. (1976) :

Hearing impairment caused by intratympanic pressure
changes during general anaesthesia.

Laryngoscope, 86 : 399 - 404.

Perreault, L. (1982) :

Middle ear pressure variations during nitrous oxide and oxygen anaesthesia. Canadian Anaesthetists Society Journal, 29 : 428 - 434.

Peacock, M.R. (1977) :

The effect of anaesthesia on middle ear function.
J. of Laryngology and Otology, 91 : 81.

Plasse, H. M. (1980) :

Unilateral sudden loss of hearing.
J. of Thoracic and Cardiovascular.
Surgery, 79 : 822 : 826.

Plasse, H.M. (1981) :

Unilateral Sudden hearing loss after open heart surgery.
Laryngoscope, 91 : 101 - 109.

Rauch, S., Kostlin, A., Schnieder, E., and Schindler, K., (1963):

Arguments for permeability of Reissner's membrane
Laryngoscope 73 : 135-147.

Ritter, F.W., and Lawrence, M., (1965) :

A histological and experimental study of cochlear aqueduct patency in the adult human.
laryngoscope. 75 : 1224-1233.

Richard, P. R. Rasmussen, P.E. and Perlman, H.B., (1982) :

Middle ear effusion and N 20. Laryngoscop. 92 : 172.

Ruedi, L., (1951) :

Some animal experimental findings on the functions of the inner ear.

Ann. Otol., 60 : 993 - 1018.

Saidman, L.J. (1965) :

Change in cerebrospinal fluid pressure during pneumoencephalography under nitrous oxide anaesthesia.

Anaesthesiology. 26 : 27.

Schreiner, L., (1967) :

Experimentelle untersuchungen uber die Bildungsstätten und den stoffaustausch der perilymphe.

Acta. otolaryng. Supp. 212. 1966. Q. After Krochmalska.

Muich, Z and lupinski, T.

Schreiner, L., (1961) :

Untersuchungen Zum Stoffwechsel und herkunft von perilymphe. Arch. Ohe. Nas. kehlkopfheilk. 178 :

140-145.

Schuknecht, H.F., and Seifi, S.A.E., (1963) :

Experimental observations on the fluid physiology of the inner ear.

Ann. Otol., 72 : 687-712.

Segal, S. (1980) :

Ear injury caused by pressure changes of the middle ear during general anaesthesia. Acta Anaesthesiology Scandinavia, 24 - 319 : 321.

Segal, S., Man, A. and Winerman, I. (1984) :

Labyrinthine membrane pressure caused by elevated intratympanic pressure during general anaesthesia.

American journal of Otology, 5. : 308 - 310.

Seudri, R. (1953) :

Origine e destino dei liquid labirintici.

Minerva Otolaryng. Torino, 2 : 81.

Shapiro, M.J., Purn, J.M. and Raskin, C. (1981) :

A study of effects of cardiopulmonary by-pass surgery on auditory function. laryngoscope, 91 : 2046 - 2052.

Star, D.R., (1972) :

Cochlear microphonics in children. Ann. Otol-Rhino-Laryngology (Suppl.), 11 : 27-34.

- Tasake, I., Davis, H. and Eldredged. H., (1954) :
Exploration of cochlear potentials in guinea-pig with
micro-lectrode.
J. acoust. Soc. Amer. 26, 765.
- Tandorf, J., Duvall, A.J. W and Renean. J.P. (1962) :
Permeability of intracochlear membranes to various
vital stains. Ann. Otol. 71 : 801-841.
- Thomsen, K.A. (1965) :
Middle ear plessure variations during anaesthesia.
Archives of Otolarynology, 82 : 609 - 611.
- Thorsen, G. (1947) :
Neurological sequelae after spinal anaesthesia.
Acta Chir. Scandniv. (Supp. 121) 95 : 1-27.
- Tomkin, J.P. and Fagan, P. (1975) :
Rupture of round window membrane. J. of Laryngology and
Otology, 89 : 733 - 756.
- Usubiaga, J.F., (1967) :
A comparison of the effects of high subarachnoid and
epidural anaesthesia. Acta. Anaesth. Scand., Suppl. 23
: 429.

Uyama, Y. (1963) :

Histopathologische veränderungen in innenohre, bedingt durch den experimentellen verschluss des aquaeductus cochleae. Okayama-Igakkai-Zasshi 45 : 1128-1150.

Q. After Lawrence, M., 1973.

Vandam, M.D. and Dripps, K.D., (1954) :

Long-term follow-up of patients who received spinal anaesthetics.

JAMA. 156 : 1486 - 1491.

Vandam, M.D. (1956) :

Long-term follow-up of patients who received 10.098 spinal anaesthetics. JAMA, 161 : 586 - 591.

Walther, G.C., (1954) :

Chemical composition of perilymphatic cats.

Laryngoscop. 64 : 439.

Waltner, J.G., (1948) :

Barrier membrane of Cochlear aqueduct. Histologic studies on patency of cochlear aqueduct.

Archives of Otolaryngology, 47 : 656.