

References

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REFERENCE

- Arenberg, L.K. Allen, G.W. and Debaer, A. (1972) :. Sudden deafness immediately following cardiopulmonary bypass. Journal of Laryngology and Otology, 86:73-77.
- Axellsson, A. (1968) :. The vascular anatomy of the cochlea in guinea pig and man, Acta Otolaryngologica, Stockholm, Suppl. 234.
- Bekesy, G.V. (1960) :. Experiments in hearing, New York, McGraw-Hill .
quated from Ch.W. Cumming (eds.) Otolaryngology Head
and Neck Surgery Mosby-Year book, Inc., U.S.A., 1993 .
Copyright. Second edition, pp. 2497.
- Belal, A. (1980) : Pathology of vascular sensorineural hearing impairment. The Laryngoscope, 90: 1831-1839.
- Bohne , B.A., Carr. C.D. (1979) :. Location of structurally similar areas in chinchilla cochleas of different lengths, J. Acoust Soc. Am. 66:414.
- Boucher, J.K., Rudy , L.W., and Edmunds L.H. (1947) :. Organ blood flow during pulsatile cardiopulmonary bypass. J. App. Physiol. 36:86.
- Brown , L.W. (1966) :. Hypothermia combined with extracorporeal circulation. Surgery of the Chest, Gibbon, W.B. Saunders Company, London.

- **Brownson, R.J. Stroud, M.M., and Carver, W.F. (1971) :** Extracorporeal cardiopulmonary bypass and hearing Archives of Otolaryngology 93:197-182.
- **Chaiklin, J.B. (1967) :** Internaural attenuation and cross hearing in ear conduction audiometry. Journal of Auditory Research , 7, 415-424.
- **Clowes, G.H.A., Neville, W. E., Sabga, G., an Shibota, Y. (1958) :** The relationship of oxygen consumption, perfusion rate, and temperature to the acidosis associated with cardipulmonary bypass Surg. 44:220.
- **Coles, R.R.A., and Friede, V.M. (1970) :** On the mis-diagnosis resulting from incorrect use of masking. Journal of Layngology and Otology, 84, 41-63.
- **Daves, H. (1958) :** A mechano-electrical teory of cochlear action. Ann. Otol. Rhinol Laryngol, 67:789-801.
- **Daves, I., Moore, J.R.M., an Lahiri, S.K., (1979) :** Nitrous oxide and the middle ear. Anaesthesia, 34:147-151.
- **Dunn, J., Kirsh, M.M., Harness, J., Carroll, M., Straker, J., and Sloan, H. (1974) :** Hemodynamic , metabolic, and haemolytic effects of pulsatile cardiopulmonary bypass. J. Torac. Cadiovasc. Surg. 68:138.
- **Dutton, R.C., Edmunnds, L.H. (1973) :** Measureent of emboli in extracorpo-

real perfusion system. J. Thoracic Cardiovasc Surg. 65:523-530

- Duvall & Sutherland, C.R. (1972) : Cochlear transport of horseradish peroxidase, Ann. Oto. Rinol Layngol 81;2-9.
- Engstrom. H., et al., (1966) : Structural pattern of the organ of Corti-quoted from Ch.W. Cummings (eds.) Otolaryngology Head & Neck Surgery. Mosby-Year Book. Inc., U.S.A. 1993, Copyright Second edition, p.p. 2497.
- Eans, B.N. (1990) : Fatal contraction: Ultrastructural and electromechanical changes in outer hair cells following transmembranous electrical Stimulation, Hear Res. 45:262-282.
- Fex, J., Altschuler, R.V. (1986) : Neurotransmitter-related immunocytochemistry of the Organ of Corti, Hear, Res. 22:249-263.
- Flock, A., Cheung, H.C. (1977) : Action filaments in sensory hair of inner ear receptor cells, J. cell Biol 75:339-343.
- Grant, M.G., Weiss, K.S., Novak, M.A., and Tobin, W.D., (1983) : Transient hearing loss with metrizamide. The Laryngoscope, 95:67-69.
- Hammer, B. (1981) : The pathophysiology of intrathecally injected contrast media. In contrast media in computer tomography, edited by R. Felix, E.E. Kazner and O.H. Wegener, pp. 52-57. Amsterdam, Expta Medica.
- Harris, E.A., Seelye E.R., and Barrett-Boyes B.G. (1974) : On the availabil-

ity of oxygen to the body during cardiopulmonary bypass in man. Brit. J. Anaesth. 46:425.

- Hardy, M. (1938) :. The length of the organ of Corti in man, Am. J. Anat. 62:291:311.
- Hawin, J.E.J. (1988) :. Auditory physiological history. quated from Ch.W. Cumming (eds.) Otolaryngology Head & Neck Surgery. Mosby-Year Book. Inc., U.S.A. 1993. Copyright Second edition, pp. 2497.
- Henson, M.M. et al., (1985) :. Immunocytochemical localization of contractile and contraction associated proteins in the spiral ligament of the cochlea : quated from Ch.W. Cummings (eds.) Otolaryngology Head & Neck Surgery. Mosby-Year Book. Inc., U.S.A. 1993, Copyright. Second edition pp. 2502.
- Henson, M.M., Henson, Jr. O.W. (1988) :. Tension fibroblasts and the connective tissue matrix of the spiral ligament, Hear Res., 35:237-258.
- Hilding, D(1973) : Vascular abnormlities in animal inherited deafness. In Vascular Disorders and Hearing Defects, pp. 297-305. Ep. by de Lorenzo, A.J.D.
- Hill's , J.D., Aguilar , M.J. Baranco, A. et al., (1969) :. Neuropathological manifestations of cardica Surgery. Ann. Thorac. Surg. 7:409-419.

- Hocherann, M.D., and AKE Reimer. M.D. (Malmo-Sweden) October, 1987): Hearing loss after general anaesthesia (A case report and review of literature). The Journal of Otolaryngology and Otology. October, 1987. vol. 101, p.p. 1079 - 1082
- Hudspeth, A.J. (1983) :. Mechanoelectrical transduction by hair cells in the acousticolateralis sensory system , Ann. Rev. Neurosci 6:187-215.
- Iurato, S. (1960) : Submicroscopic structure of the mebranous labyrinth. I. The tectorial membrae, Z.Zellforsch 52:105-128.
- Iurato, S. (1961) :. Submicroscopic structure of the membranous Z. Zellforsh 53:259-298.
- Iurato , S. (1962) :. Submicroscopic structure of the membranous labyrinth, Z. Zellforsch 56:40-96.
- Jaffe, B.F. (1967) :. Suden deafness on otologic emergency. Archives of Otolarynglogy, 86:55-60.
- Jamieson, W.R.E., Turnbull, K.W., Larrieu, A.J. et al., (1982) :. Continuous monitoring of mixed venous oxygen saturation in cardiac surgery. CAN.J. Surg. 25:538.
- Javid, H., Tufo , H.M. Najafi, H., Dye, W.S., Hunter, J.A., Julian, O.C.(1969) :. Neurologic abnormalilies following Open-heart Surgery, J.Thoracic Surg. 58:502-509
- Jerger, J., and Jerger, S. (1971) :. Diagnostic Significance of PB word func-

tion. Archives of Otolaryngology, 93,573-580

- Johusson, L.G., Hawkins. J.E., Jr. Muraski, A.A. and Preston. R.E. (1973)
.: Vascular anatomy and pathology of the cochlea in Dalmation dogs. In Vascular Disorders and Hearing Defects , pp. 249-295. Ed., by de Lorezo A.J.D. Baltimore, London, Takyo, University Park, Press.
- Kawashima Y., Yamamot, Z., and Manabe, H. (1974) :. Safe limits of hemodilution in cardiopulmonary bypass. Surg. 76:39.
- Kimura, R.S., and Ota., C.Y. (1974) :. Ultrastructure of the cochlear blood vessels, Acta Otolarygologica, Stockholm, 77, 231.
- Kirklin , J.W., Donald, D.E., Harshbarger, H.G., Hetzel, P.S., Patric, R.T., Swan, H.J.C., and Wood, E.H. (1956):. Studies in extracorporeal circulation I-Applicability of Gibbon type pump oxygenator to human intracardiac surgery : 40 cases. Ann. Surg. 144:2.
- Kirklin , J.W., and Theye R.A. (1966) :. Whole-body perfusion for open intracardiac surgery. Surgery of the Chest, Gibbon, W.B. Saunders Company, London.
- Konishi, T. et al., (1984) :. Water permeability of the endolymph-perilymph barrier in the guinea pig cochlea. quated from Ch.W. Cummings (eds.) Otolaryngology Head & Neck Surg. Mosby-Year Book, Inc. U.S.A. 1993. Copyright Second edition, pp. 2502.

- Lawrence, M. (1966) :. Effect of interference with terminal blood supply on organ of Corti Laryngoscope, 76, 1318.
- Lawrence, M. (1971) : Blood flow through the basilar membrane capillaries, Acta Otolaryngologica, Stockholm, 71,106.
- Lawrece, M.(1973) :. In-Vitro studies of the microcirculation, fortshr. Hals-nas-ohreneilk, 20,244.
- Lee, W.H., Jr., Brady, M.P., Rowe, J.M., et al. (1970) :. Effect of extracorporeal circulation upon behavior, personality , and brain function. Ann. Surg. 173:1013-1023.
- Liden, G., Nilsson, F., and Anderson, (1959) :. Narrow band masking with white noise. Acta Otolaryngologica, 50: 125-136.
- Lim. D.J. (1980) :. Cochlear anatomy related to cochlear micromechaics : a review . J. Acoustic Soc. Am. 67:1686-1695.
- Lim, D.J., et al. (1983) :. Histochemical localization of carbonic anhydrase in the inner ear. quated from Ch.W. Cummings (eds.) Otolaryngology Head & Nec Surgery. Mosby-Year Book . Inc., U.S.A. Copyright Second edition, pp. 2506.
- Lindberg, D.L., et al. (1961) :. Silicon Embolization During Clinical and experimental Heart Surgery Employing a Bubble Oxygenator Am.J. Pathol., 39:129-144
- Lutman, M.E., (1983 a) :. The scientific basis of the assessment of hearing . In hearing science and hearing disorders , edited by M.E. Lut-

man and M.P. Haggard, pp. 81-129. London, Academic Press.

- Man. A. Segal, S., and Ezra, S. (1980) : Ear injury caused by elevated intratympanic pressure during general anaesthesia. *Acta Anaesthesiologica Scandinavica*, 24:224-226.
- March, R.R., Lambersten, C.J. Schwartz, D.M., Lark, J. M., and Wetmore, R.F. (1985) : Auditory and vestibular function in hyperbaric oxygen. *Otolaryngology-Head and Neck Surgery*, 93:390-393..
- Millen S.J, Toohill, R.J., and Lehman, R.H. (1982) : Sudden Sensorineural Hearing Loss. Operative Complication in non-otologic Surgery. *Laryngoscope*. 92:613-617.
- Miller, J.A., Fonkalarud, E.W. Latta, H.L. et al., (1962) : Fat embolism Associated with Extracorporeal Circulation and Blood Transfusion. *Surgery*, 51:448-451.
- Nelson, M. and Lamb, J.T. (1985) : Vestibulocochlear symptoms after myelography, *Journal of Radiology*, 58:388-389.
- Osborne M.P. et al.,(1984) : Morphology an crosslinkage of stereocilia in the guinea pig labyrinth examined without the use of osmium as a fixative cell tiss. quated from Ch.W. Cumings (eds.) *Otolaryngology Head & Neck Surgery Mosby-Year Book. Inc. U.S.A.* 1993. Copyright. Second edition, p.p. 2508.
- Owens, W.D., Gustave, F., and Sclaroff, A. (1978) : Tympanic membrane

rupture with nitrous oxide anaesthesia, *Anaesthesia and Analgesia*, 57:282-286.

- **Patterson, M.E., and Bartlett, P.C. (1976) :** Hearing impairment caused by intratympanic pressure changes during general anaesthesia *Laryngoscope*, 86:399-404.
- **Perlman, H.B. Kimura, R.S. (1955 a):** Observations on the living blood vessels of the cochlea (*Annals of Otology*, 64, 1176).
- **Perlman, H.B., Kimura , R., and Fernandez, (1959) :** Experiments on temporary obstruction of the internal auditory artery, *Laryngoscope*, 69,591
- **Perreault, L., Normandin, N., Plamondon, L., Blain, R., Rousseau, P., Girard, M. et al., (1982) :** Middle ear pressure variations during nitrous oxide and oxygen anaesthesia. *Canadian Anaesthesia Society Journal* , 29: 428-434.
- **Pickles, J.O. et al., (1984) :** Cross-links between stereocilia in the guinea pig organ of Corti, and their possible relation to sensory transduction. quoted from Ch.W. Cummings (eds.) *Otolaryngology Head & neck Surgery*. Mosby-Year book. Inc. 1993, U.S.A. Copyright Second edition, p.p. 2508.
- **Pilgramm, M., and Schumann, K., (1985) :** hyperbaric Oxygen therapy for acute acoustic Trauma. *Archives of Otorhinolaryngology*. 241,247-257

- **Shapiro, M.J., Purn, J. M., and Raskin, (1981) :** A study of the effect of cardiopulmonary bypass surgery on auditory function . Laryngoscope, 91: 2046-2055.
- **Shepard , R.B., and Kirklin, J.W., (1969) :** Relationship of pulsatile flow to oxygen consumption and other variables during cardiopulmonary bypass. J. Thorac. Cardiovasc. Surg. 58:694.
- **Singh, R.K.K., Barrat. Boyes B. G., and Harris, E.A., (1980) :** Does pulsatile flow improve perfusion during hypothermic cardiopulmonary bypass . J. Thorac. Cardiovasc.Surg. 79 : 827.
- **Slepecky N., et al., (1981) :** The consistenal occurrence of striated organelle (Fried mann body) in the inner hair cells of normal chinchilla. quated from Ch.W. Cumming (eds.) Otolaryngology Head & Neck Surgery. Mosby-Year Book. Inc., U.S.A., 1933. Copyright Second edition, p.p. 2508.
- **Smith. C.A., (1954) :**Capillary areas of the membranous labyrinth. Ann otal. 63:435-447.
- **Smith, C.A., (1975) :** Innovation of the cochlea of the Golgs strain, Ann. Otol Rhinol Laryngol 84:445-458.
- **Smith, B.L. and Markides, A. (1981) :** Interaural attenuation for pure tone and speach. British Journal of Audiology, 15:49-54.
- **Spoendlin, H. (1988) :** Neural anatomy of the inner ear. In John A.F. Santos-Sacchi J. editors: physiology of ear. New York, Raven Press.

- **Starr, A. (1959) : Oxygen consumption during cardiopulmonary bypass. J. Thorac. Cardiovasc. Surg. 38:46.**
- **Tasaki, J., Spyroponles, C.S. (1959) : Stria vascularis as source of endocochlear potential, J. Neurophysiol 22:149-155.**
- **Thomesen, K.A. Terkidsen, K., and Arnfred, L. ,(1965) : Middle ear pressure variations during anaesthesia. Archives of Otolaryngology, 82:609-611.**
- **Tilney, L.G., et al., (1980) : The organization of actin filaments in the stereocilia of cochlear hair cells. Quated from Ch.W. Cummings (eds.) Otolaryngology Head & Neck Surgery. Mosby-Year Book. Inc. U.S.A. 1993. Copyright Second edition, p.p. 2508.**
- **Tonkin, J.P. and Fagan, P. (1975) : Rupture of the round windo membrane. Journal of Laryngology and Otology, 89:733-786.**
- **Vosteen's , K.H. (1963) : Translation of the Belton Institute for Hearing No. 16. quated from Scott-Brown's (eds.) Diseases of the Ear, Nose and Throat. Butterworths. London Boston. 1979. Fourth edition, pp. 99.**
- **Wallaston, W.H. (1820) : On sound inaudiable by ceretain ears. Philosophical Transaction o Rosyal Society, 110, 306-314.**
- **Wever, E.G., (1938) : The with of the basilar membrane in man . Ann Otol. 47:37-47.**
- **Woodson, R. D. , Wills RE., and Lenfant C. (1978) : Effect of Acute and**

established anaemia on oxygen transport at rest, submaximal and maximal work
App. Physiol . 44:36.

- Wright, J.L.W., and Saunders, S.H., (1975) : sudden deafness following
cardiopulmonary bypass surgery . Journal of Laryngology and
Otology, 89:757-759.