

- ★ Pollen, D.A., Andrews, B.W., & Levy, J.C. (1977) Electrical stimulation of the visual cortex in man and cat, pp.277-287, in Hambrecht & Reswick (Ed.)
- Rushton, D.N., Brindley, G.S. (1977) Short and long term stability of cortical electrical phosphenes, in **Physiological Aspects of Clinical Neurology**, Blackwell, Oxford.
- ★ Saunders, F.A. (1977) Recommended procedures for electrocutaneous displays, pp.303 in Hambrecht & Reswick (Ed.) **Functional electrical stimulation**

Auditory prostheses & E.S.B.

- △ Dobelle, W.H., Mladejovsky, M.G., Stensaas, S.S., & Smith, J.B. (1973) A prosthesis for the deaf based on cortical stimulation. *Ann. Otol. Rhin. Laryngol.* 82, 445-563.
- △ Doyle, J.H., Doyle, J.B. & Turnbull, F.M. (1961) Electrical stimulation of eighth cranial nerve. *Arch. Otolaryng.* 84, 388-391. ● 欠
- △ House, W.F. & Urban, J. (1973) Long term results of electrode implantation and electronic stimulation of the cochlea in man, *Ann. Otol.* 82, 504-510.
- △ Merzenich, M.M. et al (1973) Neural encoding of sound sensation evoked by electrical stimulation of the acoustic nerve, *Ann. Otol.* 82, 486-503.
- Merzenich, M.M. (1974) In Proceedings of the First International Conference on Electrical Stimulation of the Acoustic Nerve as a Treatment for Profound Sensorineural Deafness in Man, (M.M.Merzenich, R.A.Schindler, F.A. Sooy, eds.), Velo-Bind, Inc., San Francisco, pp.79-92. [ele → auditory sensory]
- △ Merzenich, M.M. (1975) Studies on electrical stimulation of the auditory nerve in animals and man; cochlear implants, in **The Nervous System**, (D.B.Tower, ed.), Raven Press, N.Y.
- ★ Merzenich, M.M. & White, M.W. (1977) Cochlear implant; the interface problem. in Hambrecht & Reswick (Ed.) **Functional electrical stimulation**
- △ Michelson, R.P. (1971) Electrical stimulation of the human cochlea. *Arch. Otolaryngol.* 93, 317-323. ● 欠
- △ Michelson, R.P. (1971) The results of electrical stimulation of the cochlea in human sensory deafness, *Ann. Otol.* 80, 914-919.
- △ Mladejovsky, M.G., Eddington, D.K., Dobelle, W.H., & Brackmann, D.E. (1975) Artificial hearing for the deaf by cochlear stimulation: Fitch modulation and some parametric thresholds, *Trans. Amer. Soc. Artif. Int. Organs*, 21, 1-6.
- ★ Mladejovsky, M.G., Eddington, D.E., Evans, J.J., & Dobelle, W.H. (1976) A computer-based brain stimulation system to investigate sensory prostheses for the blind and deaf, *IEEE Trans. Biomed. Eng. BME-23*, pp.286-296, July, 1976.
- ★ Mladejovsky, M.G., Eddington, D.K., Brackman, D.E., & Dobelle, W.H. (1977) Progress report and future directions of cochlear prostheses. in Hambrecht & Reswick (Ed.) **Functional electrical stimulation**
- △ Simons, F.B. (1966) Electrical stimulation of the auditory nerve in man. *Arch. Otolaryngol.* 84, 24-76. ● 欠
- △ Simons, F.B. (1967) Permanent intracochlear electrodes in cats, tissue tolerance and cochlear microphonics. *Laryngoscope*, 77, 171-186.

Bio-telemetry

- △ Allen, R.T., Hansom, M.L., & Dresge, D.J. (1964) Bintelemetry in demedicine, *Bio-med. Instru.*, 1, 15-19, December 1964.
- △ Almond, J.A. (1965) Personal telemetry transmitter system, *Aerospace Med. Res. Labs., Rept. AMRI-TR-65-87*, pp.1-23.
- Angell, J.B. (1977) Transducers for in vivo measurement of force, strain, and motion, in **Physical Sensors for Biomedical Applications**, M.R.Nevum et al. Eds., Boca Raton, FL, CRC Press.
- △ Barwich, R.E., & Fullagar, P.J. (1967) A bibliography of radio telemetry in biological studies, *Proc. ecol. Soc. Aust.*, 2, 27. [Delgado et al (1970)]
- ☆ Bement, S.L. et al (1986) Solid-state electrodes for multi-channel multi-plexed intracortical neuronal recording. *IEEE Trans. BME*, 33, No.2, 230-241.
- ☆ Bowman, L. et al (1986) The packing of implantable integrated sensors. *IEEE Trans. BME*, 33, No.2, 248-255.

- Caceres, C.A. ed. (1965) **Biomedical telemetry**, New York, Academic Press.
- ☆ Collins, C. (1967) Miniature passive Pressure Transensor for implanting in the eye. *IEEE Trans. BME* 14, 74-83.
- ☆ Collins, C. (1967) Evoked pressure responses in the rabbit eye. *Science* 155, 106-108.
- ☆ Farrar, J.T., Zworykin, V.K. & Baum, J. (1957) Pressure-sensitive telemetering capsule for the study of gastrointestinal motility. *Science* 126, 975-976. November 8.
- ☆ Fonster, F.G., Kupfer, D., Weiss, G., Lipponen, V., McPartland, R., & Delgado, J.M.R. (1972) Mobility recording and cycle research in neuropsychiatry. *J. Interdiscipl. Cycle Res.* 3, 61-72.
- ★ Fromm, E. (1983) Athick film hybrid implantable telemeter. *IEEE Eng. Med. Biol. Mag.* 2, 38-41. Mar.1983.
- Fryer, T.B. (1974) Power sources for implanted telemetry system. *Biotelem.*, 1, 31-40.
- Fryer, T.B. (1974) A multichannel EEG telemetry system utilizing a PCM subcarrier. *Biotelemetry* 1, 202-218.
- Fryer, T.B. (1978) Telemetry of intracranial pressure, *Biotelem.* 5, 88-112.
- Gschwend, S.J., Knutti, J.W., Allen, H.V. & Meindl, J.D. (1979) A general purpose implantable multichannel telemetry system. *Biotelemetry and Patient Monitoring*, 6 (3), 107-117.
- Jacobson, B. & Mackay, R.S. (1957) A pH endoradiosonde. *Lancet* 1, 1224. June.
- Jeutter, D.C. (1982) A transcutaneous implanted battery recharging and biotelemetry power switching system. *IEEE Trans. BME*. 29, 314-321.
- ★ Jeutter, D.C. (1983) Overview of biomedical telemetry techniques. *IEEE Eng. Med. Biol.* 2, 17. Mar.1983.
- ★ Jeutter, D.C. (1983) Power sources for biotelemeters. *IEEE Eng. Med. Biol.* 2, 22-23. Mar.1983.
- Jobling, D.T., Smith, J.G. & Wheal, H.V. (1981) Active microelectrode array to record from the mammalian central neural system in vitro. *Med. Biol. Eng. Comput.* 19, 553-560.
- ★ Knutti, J.W., Allen, H.V. & Meindl, J.D. (1983) Integrated circuit implantable telemetry systems. *IEEE Eng. Med. Biol. Mag.* 2, 47-50. Mar.1983.
- Ko, W.H. & Hyncek, J. (1974) Implant evaluations of nuclear power source - Beta-cell battery. *IEEE Trans. BME* 21, 238-241.
- Ko, W.H., Lian, S.P., & Fung, C.D.F. (1977) Design of radio-frequency powered coils for implant instruments. *Med. Biol. Eng. Comput.* 6:64-640.
- ★ Ko, W.H. & Spear, T.M. (1983) Packaging materials and techniques for implantable for implantable instruments. *IEEE Eng. Med. Biol.* 2, 24. Mar.1983.
- Kupfer, D.J., Detre, T.P., Fonster, G., Tucker, G.J., & Delgado, J.M.R. (1972) The application of Delgado's telemetric mobility recorder for human studies. *Behav. Biol.* 7, 585-590.
- Leung, A.M. et al (1986) Intracranial pressure telemetry system using semicustom integrated circuits. *IEEE Trans. BME*, 33, No.4, 386-395.
- ★ Long, F.M. & Weeks, R.W. (1983) Wildlife biotelemetry. *IEEE EMB* March 42.
- ☆ Mackay, R.S. & Jacobson, B. (1957) Endoradiosonde. *Nature* 179, 1239-1240. June.
- ☆ Mackay, R.S. (1961) Radio telemetry from within the body *Science* 134, 1196.
- ☆ Mackay, R.S. (1963) Radio telemetry from inside the body. *New Sci.* 19, 650.
- ☆ Mackay, R.S. (1964) Galapagos tortoise and marine iguana deep body temperatures measured by radio telemetry. *Nature* 204, 355-358.
- ☆ Mackay, R.S. (1964) Deep body temperature of untethered dolphin recorded by ingested radio transmitter. *Science* 144, 864-866.
- ☆ Mackay, R.S. (1964) Dolphin telemetry. *Science* 145, 296.
- Mackay, R.S. (1968) **Bio-Medical Telemetry**. Wiley, New York. 388pp.
- Mackay, R.S. (1970) **Bio-Medical Telemetry (2nd ed.)** John Wiley & Sons., New York.
- Mackay, R.S. (1974) Field studies on animals. *Biotelemetry* 1, 286-312.
- Mackay, R.S. & Dolphin, W. (1982) Monitoring feeding of great whales by ingested acoustic temperature transmitter. *Proc. of 7th Int'l. Symp. on Biotelemetry*, Stanford University.
- ★ Mackay, R.S. (1983) Biomedical telemetry: The formative years. *IEEE Eng. Med. Biol.* 2, 11-17. Mar.1983.
- △ Man, Daniel (1987) Beepers in kids' heads could stop abductors.

Las Vegas Sun, October 27, 1987.

- △ Marko, A., Murray, R.H., Kissen, A.T., & McGuire, D.M. (1967) A new versatile miniature multi-channel personal telemetry system for medical research, *Aerospace Med. Res. Labs., Rept. AMRL-TR*, pp.152-156.
- △ Marko, A., McLennan, M.A., & Cornell, E.C. (1963) Research and development on pulse-modulated personal telemetry systems, *Aerospace Med. Res. Labs., AMRL-TDR-64-96*, PP.1-19.
- Matamoto Goro (1974) Fundamental design procedures of an inductance coil utilizing thin-film IC technique for biotelemetry, *Biotelem.* 1, 41.
- △ McAleenan, R.N. (1976) Computer-aided biotelemetry system applied to free-swimming fish, *Biomed. Sci. Instrum.* 12, 29-32.
- McKean, B. & Gough, D. (1988) A telemetry-instrumentation system for chronically implanted glucose and oxygen sensors, *IEEE Trans. BME*, 35, No.7, 526.
- ★ Meindl, J.D. (1980) Biomedical implantable microelectronics, *Science*, 210, 263-267.
- ★ Meindl, J.D. (1984) Implantable telemetry in biomedical Research, *IEEE Trans. BME*, 31, No.12, 817.
- ★ Meyer, J.A. Crime Deterrent Transponder System, *IEEE Trans. AES*, 7, No.1.
- △ "mind reading machine by DARPA", *National Enquirer*, 22 June, 1976.
- Raloff, Janet (1991) *Science News*, Nov. 30, 1991. (the rice the implant)
- Reid, M.H., Mackay, R.S. & Lantz, B. (1980) Noninvasive blood flow measurements by Doppler ultrasound with applications to renal artery flow determination, *Investigative Radiology* 15, 323-331.
- Rokushima, H. (1969) A multi-channel PWM/FM radio-telemetry system for EEG, *Proc. 22nd Ann. Conf. on Engineering in Medicine and Biology* (Chicago, Ill.)
- Salcman, M. & Bak, M.J. (1973) Design, Fabrication, and in vivo behavior of chronic recording intracortical microelectrodes, *IEEE Trans. BME* 20, 253-260.
- Schwitzgebel, R.L. & Schwitzgebel, R.K. (1980) Law and Psychological Practice, N.Y. John Wiley & Sons [Monahan, J. (1984) *A.J.P.* 141(1), 10]
- ★ Skutt, H.R., Fell, R.B., & Kertzer, R. (1970) A multichannel telemetry system for use in exercise physiology, *IEEE Trans. Bio-Medical Eng.* 17, 339-348.
- △ Slater, L. (ed.) (1963) *Biotelemetry*, New York, Pergamon Press.
- Stong, C.L. (1968) Amateur scientist, *Scienc. Am.* 218, 128-135.
- Takahashi K & Matsuo T (1984) Integration of multi-microelectrode and interface circuits by silicon planar and three-dimensional fabrication technology, *Sensors and Actuators* 5, 89-99.
- Towe, C.H. (1986) Passive biotelemetry by frequency keying, *IEEE Trans. BME*, 33, No.10, 905.
- △ Trotter, Robert J. (1974) A Shocking Story, *Science News*, April 13, 1974. ● ✕

ele -> scalp -> cortex

- ★ Amassian VE et al (1989) Focal stimulation of human cerebral cortex with the magnetic coil: a comparison with electrical stimulation, *EEG Clin. N.* 74, 401-416.
- Cracco RQ et al (1989) Comparison of human transcallosal responses evoked by magnetic coil and electrical stimulation, *EEG clin. N.* 74:417-424.
- Hill DK, McDonnell MJ & Merton PA (1980) *J. Physiol.* 300: 2P-3P. (ele - skin ->)
- ☆ Merton PA & Morton HB (1980) Stimulation of the cerebral cortex in the intact human subject, *Nature* 285: 227.
- Merton PA & Morton HB (1980) Electrical stimulation of human motor and visual cortex through the scalp, *J. Physiol.* 305: 9P-10P.

head --> magnetic field (MEG)

- ☆ Brenner D, Williamson SJ & Kaufman L (1975) Visually evoked magnetic fields of the human brain, *Science* 190: 480. [SQUID <- mf]
- Brenner D, Williamson SJ & Kaufman L (1978) Somatically evoked magnetic fields of the brain, *Science* 199: 81-83.
- Cohen D (1968) *Science* 161: 784. (head --> mf)

- Cohen D (1975) *IEEE Trans. Magn.* 11: 694. {head → mf}
- Farrell, E.E., Tripp, J.H., Norgren, R., Teyler, T.J. (1980) A study of the auditory evoked magnetic field of the human brain. *EEG clin. Neurol.* 49, 31-37. ●破機本
- Goff GD, Matsumiya Y, Allison T & Goff WR (1977) The scalp topography of human somatosensory and auditory evoked potentials. *EEG clin. N.* 42: 57-76.
- ○ Reite M & Zimmerman JE (1978) The magnetic phenomena of the central nervous system. *Ann. Rev. Biophys. Bioeng.* 7: 167-188.
- ● Reite M, Zimmerman JE, Edrich J & Zimmerman JT (1976) The human magnetoencephalogram: some EEG and related correlations. *EEG clin. N.* 40: 59-66.
- ★ Reite M, Edrich J, Zimmerman JT & Zimmerman JE (1978) Human magnetic auditory evoked fields. *EEG clin. N.* 45, 114-117.
- Silver AH & Zimmerman JE (1967) *Phys. Rev.* 157: 317. [SQUID]
- Teyler TJ, Cuffin BN & Cohen D (1975) The visual evoked magnetoencephalogram. *Life Sci.* 17: 683-692.
- Zimmerman JE et al (1970) *J. Appl. Phys.* 41: 1572. [SQUID]
- Zimmerman JE (1977) SQUID instruments and shielding for low level magnetic measurements. *J. Appl. Phys.* 48: 702-710.

Moscow signal

- Anderson, Jack (1972) "Moscow signal", *NYT*, May 1972.
- Anderson, J. (1975) Soviets aim rays at U.S. *The Paterson News*. 1975.5.16.
- Gwertzman, B. (1976) Moscow rays linked to U.S. bugging. *NYT* 1976.2.26.
- Gwertzman, B. (1976) Microwave perils in Moscow eased. *NYT* 1976.5.2.
- Gwertzman, B. (1976) Soviet dims beam at U.S. Embassy. *NYT* 1976.7.8.
- Pursglove, S.D. (1966) The eavesdroppers: 'Fallout' from R&D. *Electronic Design* 1966.6.21.
- Shipler, D.K. (1976) U.S. radiation report worried foreign diplomats in Moscow. *NYT* 1976.2.11
- The microwave furor. *Time* 1976.3.22, 15.
- Toth, R.C. (1976) Soviet radiation at U.S. Embassy. *NYT* 1976.2.7
- Wren, C.S. (1976) Bugging in Moscow causes Health scare. *NYT* 1976.2.9

Microwave & EMF

- ★ A new occupational disease? - of diplomats. Editorial. *Med. Res. Eng.* 12(3), 3-7.
- △ Adey, W.R., Bell, F.R. & Dennis, B.J. (1962) Effects of LSD, psilocybin and psilocin on temporal lobe EEG patterns and learned behavior in the cat. *Neurology* 12, 591-602.
- ☆ Adey, W.R., Kado, R.T., & Didio, J. (1962) Impedance measurements in brain tissue of animals using microvolt signals. *Exp. Neurol.* 5, 47-66.
- ☆ Adey, W.R., Kado, R.T., Didio, J., & Schindler, W.J. (1963) Impedance changes in cerebral tissue accompanying a learned discriminative performance in the cat. *Exp. Neurol.* 7, 259-281.
- ☆ Adey, W.R. & Walter, D.O. (1963) Application of phase detection and averaging techniques in computer analysis of EEG records in the cat. *Exp. Neurol.* 7, 186-209.
- ☆ Adey, W.R., Kado, R.T., McIlwain, J.T. & Walter, D.O. (1966) The role of neuronal elements in regional cerebral impedance changes in alerting, orienting and discriminative responses. *Exp. Neurol.* 15, 490-510.
- △ Adey, W.R., Elul, R., Walter, R.D., & Crandall, P.H. (1966) The cooperative behavior of neuronal population during sleep and mental tasks. *Proc. Am. Electroenceph. Soc.* 86.
- ☆ Adey, W.R. (1972) Organization of brain tissue: is the brain an noisy processor? *Int. J. Neurosci.* 3, 271-284.
- △ Adey, W.R. (1974) The influences of impressed electrical fields at EEG frequencies on brain and behavior. In *Behavior and Brain Electrical Activity*. H. Elshuler & N. Burch, Eds. Plenum Publishing Co., NY
- ☆ Adey, W.R. & Bawin, S.M. (1977) Efflux of calcium and amino acids from cerebral tissues with weak, low frequency electric fields. *Fed. Proc.* 36, 589.
- ★ Adey, W.R. (1980) Frequency and power windowing in tissue interactions with weak electromagnetic fields. *Proc IEEE* 68, 119.
- Adey, W.R. (1981) Tissue interactions with non-ionizing electromagnetic fields. *Physiol. Rev.* 61, 435

- [implant ---> chronic pain]
- △ Sweet, W.H., & Wepsic, J.G. (1968) *Trans. Am. Neurol. Assn.*, 93, 103-107.
[implant ---> chronic pain]
 - △ Van Buren, J.M. (1963) Confusion and disturbance of speech from stimulation in vicinity of the head of the caudate nucleus. *J. Neurosurg.*, 20, 148-157.
 - △ Van Buren, J.M. (1961) Sensory, motor and autonomic effects of mesial temporal stimulation in man. *J. Neurosurg.*, 18, 273-288.
 - ☆ Van Buren, J.M., Li, C.L., & Ljemann, G.A. (1966) The fronto-striatal arrest response in man. *Electroenceph. clin. Neurophysiol.*, 21, 114-130.
 - △ Van Buren, J.M. (1966) Evidence regarding a more precise localization of the posterior frontal-caudate arrest response in man. *J. Neurosurg. Suppl.*, 2nd Symposium on Parkinson's Disease, 416-17 (Nashold B.S., Huber, W.V., Eds.)

Visual prostheses & E.S.B.

- Brindley, G.S. (1962) Beats produced by simultaneous stimulation of the human eye with intermittent light and intermittent or alternating electric current. *J. Physiol.* 164, 157-167
- ☆ Brindley, G.S., Lewin, W.S. (1968) The sensations produced by electrical stimulation of the visual cortex. *J. Physiol.*, 196, 479-493.
- △ Brindley, G.S. (1970) Sensations produced by electrical stimulation of the occipital poles of the cerebral hemispheres, and their use in constructing visual prostheses. *Ann. Rep. Coll. Surg.* 57, 106-108.
- ☆ Brindley, G.S., Donaldson, P.E.K., Falconer, M.A., & Rushton, D.N. (1972) The extent of the region of occipital cortex that when stimulated gives phosphenes fixed in the visual field. *J. Physiol.* 225, 57-58.
- Brindley, G.S. (1973) Sensory effects of electrical stimulation of the visual and paraviscual cortex in man, in **JUNG Handbook of Physiology**, Vol.III/3B, Springer-Verlag, New York, pp.585-594.
- △ Brindley, G.S., Rushton, D.N. (1974) Implanted stimulators of the visual cortex as visual prosthetic devices. *Trans. Amer. Acad. Ophthalmol. Otolaryngol.*, 78, OP742-OP745.
- ★ Brindley, G.S., & Rushton, D.N. (1977) Observations on the representation of the visual field on the human occipital cortex. pp.261-276.
- △ Button, J. & Putnam, T.J. (1962) Visual responses in cortical stimulation in the blind. *J. Iowa Med. Soc.* 52, 17-21.
- ★ Campbell, P.K., Jones, K.E., Huber, R.J., Horch, K.W., & Norman, R.A. (1991) A silicon-based, three-dimensional neural interface: manufacturing processes for an intracortical electrode array. *IEEE Trans. BME*, 38, No.8, 758-768.
- ★ Collins, C.C. (1977) Electrotactile visual prosthesis, pp.289-301. in Hambrecht & Reswick (Ed.) **Functional electric stimulation**
- ☆ Dobbie, W.H., Mladejovsky, M.G. (1974) Phospenes produced by electrical stimulation of human occipital cortex, and their application to the development of a prosthesis for the blind. *J. Physiol.*, 243, 553-576.
- ☆ Dobbie, W.H. et al (1974) Data processing, LSI will help to bring sight to the blind. *Electronics*, 47, 81-86.
- ☆ Dobbie, W.H., Mladejovsky, M.G., Evans, J.E., Roberts, T.S., Girvin, J.P. (1976) 'Braille' reading by a blind volunteer by visual cortex stimulation. *Nature*, 259, 111-112.
- ☆ Dobbie, W.H., Mladejovsky, M.G., Girvin, J.P. (1974) Artificial vision for the blind: Electrical stimulation of visual cortex offers hope for a functional prosthesis. *Science*, 183, 440-444.
- △ Donaldson, P.E.K. (1973) Experimental visual prosthesis. *IEE Proc.*, 120, 281-298.
- Minsky, M. (1971) Development of a facility for visual prosthesis experiments on humans, in **Visual Prostheses: The interdisciplinary dialogue**, T. Sterling, Ed. New York: Academic, 315-324.
- Pollen, D.A. (1975) Some perceptual effects of electrical stimulation of visual cortex in man, in **TOWER The Nervous System**, Vol. 2. The Clinical Neurosciences, Raven Press, New York, pp.519-528.
- Pollen, D.A. (1976) Responses of single neurons to electrical stimulation of the surface of the visual cortex. *Brain, Behav. Evol.*

- △ Penfield, W. & Kristiansen, K. (1951) **Epileptic Seizure Patterns**. Springfield, Ill, Charles C Thomas, Publisher.
- Penfield, W. & Welch, K. (1951) *Arch. Neurol. Psychiat.* 66, 289.
- △ Penfield, W. & Baldwin, M. (1952) Temporal lobe seizures and the technic of subtotal temporal lobectomy, *Ann. Surg.* 136, 625-634.
- △ Penfield, W. (1952) Epileptic automatism and the centrencephalic integrating system, *Res. Publ. Ass. nerv. ment. Dis.* 30, 513-528.
- Penfield, W. (1952) *Arch. Neurol. Psychiat.* 67, 178.
- ★ Penfield, W. (1952) Memory mechanisms, *AMA Arch. Neurol. Psychiat.* 67, 178-191.
- △ Penfield, W. & Jasper H.H. (1954), **Epilepsy and the Functional Anatomy of the Human Brain**. Boston.
- ★ Penfield, W. (1954) Mechanisms of voluntary movement, *Brain*, 77, 1-17.
- ★ Penfield, W. (1955), *Acta psychol.* (Amst.), 11, 47.
- △ Penfield, W., & Paine, K. (1955) Results of surgical therapy for focal epileptic seizures, *Canad. M.A. J.* 73, 515-531.
- △ Penfield, W. (1955) Role of the temporal cortex in certain psychical phenomena, *J. Ment. Sc.* 101, 451-465. ● 欠
- △ Penfield, W. & T.Rasmussen (1957) **The cerebral cortex of man - A clinical study of localization of function**, NY, Macmillan. [The homunculus]
- △ Penfield, W. (1958) **The Excitable Cortex in Conscious Man**, Liverpool.
- ★ Penfield, W. & Milner B. (1958) Memory deficit produced by bilateral lesions in the hippocampal zone, *Arch. Neurol. Psychiat.* (Chic.), 79, 475.
- △ Penfield, W. & L.Roberts (1959) **Speech and Brain mechanisms**. Princeton, N.J., Princeton Univ. Press, .
- ★ Penfield, W. (1961) Activation of the record of human experience. *Ann.roy.Coll.Surg.Engl.*, 29, 77.
- ★ Penfield, W. & Perot P., (1963), The brain's record of auditory and visual experience - A final summary and discussion. *Brain*, 86, 595.
- ★ Penfield, W. (1968) Engrams in the human brain." *Proc. Roy.Soc.Med.*, 61: 831-840.
- △ Penfield, W. (1975) **The Mystery of the Mind**. Princeton University Press.
- Penfield, W. (1976) (1977) **No man alone: a neurosurgeon's life**, Boston. Little, Brown. ● OK 478-30
- △ Ramey, E.R., & O'Doherty, D.S. ed., **Electrical studies on the unanesthetized brain**. New York, Hoeber. 1960. [Delgado, 1975; etc ---> therapy]
- Richardson, D.E. (1967) Thalamotomy for intractable pain, *Confin. Neurol.* 29, 139-145
- △ Richardson, D.E. & Akil, H. (1973) Pain relief by electrical stimulation of the brain in human patients, Abstracts for the American Association of Neurosurgeons Meeting, Los Angeles, CA, Apr.
- ★ Richardson, D.E. (1976) Brain stimulation for pain control *IEEE BME*, 23 (4), 304-6.
- ★ Schaltenbrand, G. (1965) The effects of stereotactic electrical stimulation in the depth of the brain. *Brain*, 88, 835-40. [-> man => speech sounds]
- ★ Schechter, D.C. (1972) Background of clinical cardiac electrostimulation. *N.Y. State J. Med.*, 72, 605-619. ["Can you hear me ?"]
- ★ Scoville W.B. & Penfield, W. (1957). *J.Neurol.Neurosurg.Psychiat.*, 20, 11.
- △ Sem-Jacobsen, C.W., Petersen, M.C., Lazarte, J.A., Dodge, H.W., Jr., Holman, C.B. (1955) Intracerebral electrographic recordings from psychotic patients during hallucinations and agitation. *Amer. J. Psychiat.* 122, 278-288. ● 欠
- △ Sem-Jacobsen, C.W., Petersen, M.C., Dodge, H.W., Lazarte, J.A., & Holman, C.B. (1958) Electrocerebral rhythms from the depths of the parietal, occipital, and temporal lobes in man. *Electroencephalography and Clinical Neurophysiology*, 8, 163-178.
- △ Sem-Jacobsen, C.W., & Trkildsen, A. (1960) Depth recording and electrical stimulation in the human brain. In E.R.Ramey & D.S.O'Doherty (Eds), **Electrical studies on the unanesthetized brain**, New York, Harper & Row. (Hoeber), pp.275-290.
- △ Sem-Jacobsen, C.W. (1968) *Depth-electrographic stimulation of the human brain and behavior: From fourteen years of studies and treatment of Parkinson's disease and mental disorders with implanted electrodes*. Springfield, Ill. Thomas. —
- △ Shealy, C.N., Mortimer, J.T., & Hagfors, N.R. (1970) *J.Neurosurg.*, 32, 560-564.