

Part II 1975-1989

These fifteen years saw 330 papers published on the subject - more than during the previous century. This period saw the history of dialysis - and especially renal transplantation - become major subjects for recollection and study.

General history of nephrology

Schuck O. Treicet let Ceskoslovenske nefrologie (Thirty years of Czech nephrology). *Čas Lek Česk* 1975; 114: 1193-1194.

Black DAK. Growing points in renal disease. *Trans Med Soc London* 1975-77; 92-93: 74-77.

Radosevic Z, Radonic TI. Nefrologija kao dio interne medicinf na mediscinskom fakultetu u Zagrebu od 1950. Godine do danas.(Nephrology as a part of internal medicine at the medical school in Zagreb from 1950 to the present). *Rad Med Fak Zagrebu* 1976; 24: 33-38.

Klouda M, Rames J. Lecba chronickyh ledvinovych postizeni pred 70 lety (Treatment of chronic kidney disease 70 years ago). *Čas Lék Česk* 1976; 115: 491.

Lopatkin NA, Schabad AL. Die Urologie und Nephrologie in der UdSSR während 60 Jahren Sowjetmacht (Urology and nephrology in the USSR during 60 years of Soviet rule). *Z Urol Nephrol* 1977; 70: 785-789.

Anonymous. Looking back. Nursing in diseases of the kidneys. By Dr FW Hall 1908. *Lamp* 1979; 93: 5-6.

Vercellone A. Vent'anni di nefrologia Italiana (Twenty years of Italian nephrology). *Minerva Nefrologica* 1979; 26: 443-448.

- *the considerable Italian contribution to Nephrology in its infancy has only recently been publicised and evaluated, perhaps because almost all this early work was published in Italian, and had little international impact*

Hamburger J. Naissance et essor de la Néphrologie (Birth and flowering of nephrology). *Néphrologie* 1980; 1: 1-2.

- *in this essay which launched the French language medical nephrological journal, Hamburger - contrary to many statements that he himself introduced it - traces the origins of the word Nephrology back to at least 1801. He was however responsible for its widespread adoption*

Black D. The story of nephrology. *J Roy Soc Med* 1980; 73: 514-518.

McGeown MG. Twenty-first birthday of the renal unit at the Belfast City Hospital. *Ulster Med J* 1980; 50(suppl 1): 2-3.

Peitzman SJ. Bright's disease and Bright's generation- toward exact medicine at Guy's Hospital. *Bull Hist Med* 1981; 55: 307-321.

Belloni L. Il Morgagni tra il Malpighi e il Cotugno. Dall'anatomia microscopica (Malpighi) all'anatomia patologica (Morgagni) e vero la istologia patologica (Cotugno) (Morgagni, between Malpighi and Cotugno. From anatomic microscopy (Malpighi) to anatomic pathology (Morgagni) towards pathologic histology (Cotugno). *Gesnerus* 1982; 39: 195-213.

- in fact histology was not yet developed and Cotugno made no histological observations as this title implies

Riabov SI, Stavskaja VV. Idei SP Botkina v nefrologii [(S.P. Botkin's ideas in nephrology). *Klin Med (Mosk)* 1982; 60: 27-32.

Valek A. Ceskoslovenske nefrologické společnosti je dvacet let. (Twenty years of the Czechoslovak Society of Nephrology.) *Casopis Lekarů Ceských* 1982; 121: 568-571.

Vendi L. Dvacet let Detske nefrologické léčebny Miramonte v Mariánských Lázních (Twenty years of the Miramonte pediatric nephrological sanitarium). *Cesk pediatr* 1982; 37: 319.

Pyrig LA, Mel'man Nia, Nemirovich LI. K istorii nauchnykh issledovanií po nefrologii v Ukraínskoi SSR (History of scientific studies in nephrology in the Ukrainian SSR). *Vrachebnoe Delo* 1983; 12: 1-5.

Brod J. Nephrology in the past, in the present and perspective for the future. *Minerva Nefrologica*. 1983; 30: 1-6.

Gardner KD Jr. Looking upon the water. In which we return to the Civil War. *Am J Kidney Dis* 1984; 4: 101-102.

Watschinger B. Klinische Nephrologie (Entwicklung und Aufgaben) (Clinical nephrology- development and tasks). *Wien Med Woch* 1984; 134: 275-279.

Kerr DNS. Twenty five years of haemodialysis, a tribute to the pioneer work of the Belfast renal unit. *Ulster Med J* 1985; 54(suppl): s86-s89.

Peitzman SJ. Nephrology in the United States from Osler to the artificial kidney. *Ann Intern Med* 1986; 103: 935-946.

- an important general history of the rise of American nephrology

Pena JC. Pasado, presente y futura de nefrología (Past, present and future of nephrology). *Rev Invest Clin* 1986; 12: 277-396.

Drukker W. The birth of the EDTA revisited. *Nieren und Hochdruckkrankheiten* 1986; 15: 309-311.

Küss R. L'homme et son urine (Man and his urine). *Bull Acad Nat Méd* 1987; 171: 1165-1175.

Arneil CG. Past present and future of pediatric nephrology. in: Murakami K, Kitamura T, Yabuta K, Sakai T (eds). *Recent advances in pediatric nephrology*, Amsterdam, Excerpta Medica 1987; pp 3-12.

Black DAK. *Recollections and reflections*. British Medical Journal Publications, London, The Memoir Club. 1987. see pp. 25-27, 58.

Cunningham EE. Early patent and proprietary medicines and the treatment of kidney disorders. *Am J Nephrol* 1987; 7: 45-48.

De Wardener HE. Renal disease 1949-87. A PGM retrospective. *Postgrad Med* 1987; 82:89-92.

Ramos OL. Breve historico da nefrologia (A short history of nephrology). *AMB. Rev Ass Med Brasil* 1987; 33: 124-124.

Reubi F. Zur Geschichte der Nierenkrankheiten (On the history of renal disease). *Schweitz Med Woch* 1987; 117: 369-78, 406-410.

Pyrig LA, Mel'man Nia, Nemrirovich LI. Osnovnye etapy I napravlanii razvitiia nefrologii v USSR (1917-1987) (The main stages and trends in the development of nephrology in the Ukraine (1917-1987)). *Klin Med (Mosk)* 1987; 65: 37-41.

Carillo JL. Laboratorios clinicos y nueva patologia renal: de la obra de PFO Rayer (1839) a la de G Johnson (1852) (Clinical laboratories and the new renal pathology. From the work of PFO Rayer (1839) to that of G Johnson (1852)). *Dynamis* 1987-88, pp 7-8.

Anonymous. Trends in modern nephro- and uropathology. In honor of Steen Olsen, Professor of Pathology. *APMIS* 1988 Suppl. 4: 1-147.

Wing AJ., Brunner FP. Twenty-three years of dialysis and transplantation in Europe: experience of the EDTA registry. *Am J Kidney Dis* 1989; 14: 341-346.

Levin JD. Homer Smith, urine and modern warfare. *Perspec Biol Med* 1989; 32 (Summer): 602-604.

Chasis H. History of the renal section, New York University School of Medicine 1926-1986, New York Hospital Medical Center. *Bull NY Acad Med* 1989;65: 879-897.

Albers J. Reflections on the first nephrology nurse training program. *ANNA J* 1989; 16: 230-231.

Brodie B. A commitment to care: the development of clinical specialization in nursing. *ANNA J* 1989; 16: 181-186.

Hoffart A. A professional organization for dialysis nurses. *ANNA J* 1989; 16: 197-199.

Anonymous. Nephrology nursing; a photographic story 1949-1971. *ANNA J* 1989; 16: 188-190.

Fulton BJ, Cameron EM. Perspectives on our beginning: 1962-1989. *ANNA J* 1989; 16: 201-203.

Hoffart N. Nephrology nursing 1915-1970: a historical study of the integration of technology and care. *ANNA J* 1989; 16: 169-178.

Warren H. Changes in peritoneal dialysis nursing. *ANNA J* 1989; 16: 237-241.

Van Waleghem JP, Grammar N, Lambert MC *et al.* Development of nephrology nursing care in Europe: 1978-1988. *ANNA J* 1989; 16: 233-235.

- this series of papers represents the only extensive treatment to date of the history of nursing in renal disease, dialysis and transplantation

Ritz, E, Zeier M, Lundin P. French and German nephrologists in the mid-19th century. The impact of Richard Bright on the continent. *Am J Nephrol* 1989; 9: 167-172.

Richet G. A brief history of the International Society of Nephrology. *Kidney Int* 1989; 36: 938-940.

Kerr DNS. EDTA to ERA. *Nephrol Dial Transplant* 1989; 4: 411-415.

Shaldon S. EDTA and industry: 25 years of symbiotic synergism. *Nephrol Dial Transplant* 1989; 4: 408-410.

Drukker W. The founding of the EDTA: facts and lessons. *Nephrol Dial Transplant* 1989; 4: 401-407.

Biographical studies

Winkler EA. *Ernst Unger 1875-1938: eine Bibliographie*. Berlin, 1975.

- *Unger carried out the second set of renal transplants into humans in 1909 after extensive animal transplantation*

Anonymous. Alexander Johnson. *Med J Aust* 1975; 2: 106-107.

Anonymous. Evgenii Mikhailovich Tareev k 80-letilju so dnja rozhdeniia) (Yevgeny Mikhailivich Tareev on his 80th birthday)]. *Terapevticheskii Arkhiv* 1975; 47: 3-5.

Schiller J, Schiller T. *Henri Dutrochet (Henri du Trochet 1776-1847), le materialisme mecaniste et la physiologie générale*. Blanchard Ed, Paris 1975.

- *a biography of the physician-naturalist and "grandfather of dialysis" who first described and named osmosis.*

Bronk DW. Alfred Newton Richards (1876-1966). *Perspect Biol Med* 1976; 20: 413-422.

Lilien OM. Alfred Newton Richards (1876-1966). *Invest Urol* 1976; 13: 325.

Schmidt-Wiederkehr P. Bemerkungen zum Werke Wilhelm Pfeffer (1845-1920) aus nephrologischer sicht (Notes on the work of Wilhelm Pfeffer (1845-1920) from a nephrological point of view). *Med Monatsschr* 1976; 30: 289-290.

- *Pfeffer, as a botanist, is not much known to nephrologists but his work on osmotic pressure laid the foundation for that of Korányi*

Becker EL, Kark RM. Richard Bright in Iceland- 1810. *Trans Am Clin Climatol Assoc* 1976; 87: 179-191.

- *Bright visited Iceland with Henry Holland in 1810 whilst a medical student in Edinburgh*

Anonymous. Upstairs and downstairs at Guy's Hospital: Addison, Bright and Hodgkin. *Hosp Pract* 1977; 12: 119-122, 127, 129.

Berman LB. Harry Goldblatt 1891-1977. *JAMA* 1977; 184: 6.

Friedman EA. John P Merrill. The father of Nephrology as a craft. *Nephron* 1978; 22: 6-8.

Anonymous. Merrill JP. The publications of JP Merrill. *Nephron* 1978; 22: 265-280.

Tareev EM. Richard Bright (k 150-letiu osnovoi raboty, polozhivshei nachalo nefrologii (Richard Bright on the 150th anniversary of his fundamental work marking the beginning of nephrology). *Urol Nefrol (Mosk)* 1978; 2: 72-75.

Pierre Adolph Piorry (1794-1879): pioneer of percussion and pleximetry. *Thorax* 1979; 34: 575-581.

- although as the title and origin of this biography show, Piorry was most famous for his work in chest diseases, he studied and named for the first time "uraemia", in 1847

Harvey AM. Classics in clinical science. James L Gamble and "Gamblegrams". *Am J Med* 1959; 66:904-906.

- although little known today, Gamble's diagrams (columns adding up cations and anions) were a classic in their day, and facilitated understanding of electrolyte physiology and imbalance

Thorn G. A conversation with George Thorn (interview by Dr. W. Proctor Harvey. *Med Times* 1980; 108: 75-82.

Thorn G. 50th anniversary celebration. *Transpl Proc* 1981; 13[suppl 1]: 24-28.

- George Thorn initiated the dialysis programme in Boston in 1948 and appointed John Merrill to head it. With Charles Hufnagel and David Hume, in 1947 he was involved also with an early renal transplant on to the arm to treat a patient with post-partum acute renal failure. This kidney functioned for over two days, and may have contributed to the patient's survival. Thorn's contribution to the beginnings of uraemia treatment have been neglected.

Maire M. Une heure avec professeur Jean Hamburger (An hour with professor Jean Hamburger). *Chirurgien-Dentiste de France*. 1981; 51: 35-39.

Medawar P. The Nobel awards for medicine or physiology. *Nature* 1981; 289: 345.

Kark RM, Moore DT. The life work and geological collections of Richard Bright, M.D. (1789-1858); with a note on the collections of other members of the family. *Arch Nat Hist* 1981; 10: 119-151.

- Bright, like many other early nineteenth century physicians was a naturalist as well as physician

McBride P. Russell A. Palmer M.D. (1905-). The man behind today's permanent peritoneal catheter. *Perit Dial Bull* 1981; 1: 156

- *although Henry Tenckhoff's name is now indissolubly linked with this innovation, it was Palmer of Vancouver who first suggested and used in 1964 the idea of an indwelling plastic catheter, in together with Wayne Quinton (Lancet 1964; i : 700-702.):*

Anonymous. The George E Schreiner Festschrift. An experimental and clinical overview of kidneys in health and disease. *Nephron* 1981; 27: 161-280.

Bastin R. Eloge de André Domart. *Bull Acad Nat Méd* 1981; 165; 681-689.

James Lawder Gamble. A biographical sketch. *J Nutr.* 1981; 111: 203-207.

Merrill JP. Jean Hamburger- an appraisal of his role in medicine and nephrology. *Kidney Int* 1982; [suppl 11]: s3-s5

Enno A. Ernst Unger: a pioneer in modern surgery. *J Hist Med* 1982; 37: 269-286.

Bendiner E. Homer Smith: "master of all things renal". *Hosp Pract (Office Ed)* 1982; 17: 145-6, 151, 157-8 *passim*.

Bock HE, Hildebrand KH, Sarre HJ. *Franz Volhard. Erinnerungen*. Schattauer, Stuttgart, 1982.

-*this contains Volhard's autobiographical writings, unpublished at his death. They were also published previously in sections in 1972 in Medizinische Welt (see part I of this bibliography).*

Laher M, O'Brien E. In search of Korotkoff. *Br Med J* 1982; 285: 1796-1798.

- *at this time Korotkoff, despite his eponymous fame, was almost unknown to the West*

Bleker J. Between romantic and scientific medicine. Johann Lukas Schoenlein and the natural history school 1825-1845. *Clio Med* 1983; 18: 191-201.

Dudchenko MA. Aleksandr Mikhailovich Shumlanskii. *Klin Med (Mosk)* 1983; 61: 114-116.

- *only after Gottschalk's article in English (1994 - part III below) did the outside world become aware of Schumlanski's contribution*

Gunby P. Nephrologist Leonard P. Berman, dead at 59. *JAMA* 1983; 249: 1543.

Kjellstrand CM. Dedication to Belding H Scribner. *Nephron* 1983; 33: 77-78.

Bright P. *Dr Richard Bright (1789-1858)*. The Bodley Head, London, 1983.

- *a detailed biography by one of Bright's descendants, focussing on the personal and family life of Bright. It draws extensively on unpublished letters and papers which, unfortunately, are neither referenced nor indexed.*

Bloch H. William Charles Wells M.D. F.R.S. 1757-1817. An American physician-scientist America almost forgot. *N Y State J Med* 1983; 83: 248-250.

Jago RH. Prof Dr Med Jan Brod, professor of medicine, Medizinische Hochschule, Hanover, Captain, Royal Army Medical Corps, 1942-5. *J Roy Army Med Corps* 1984; 130: 76-78.

- *Brod spent the second world war in exile fighting for the British, and made many friends in the United Kingdom*

Bergstrand A, Ostman J. Mannen bakom syndromet: Paul Kimmelstiel och Clifford Wilson. Tysk och engelsman som mottes vid Harvard – first att beskriva speciall glomerulusska (The men behind the syndrome: Paul Kimmelstiel and Clifford Wilson. A German and an Englishman who met at Harvard – the first to describe a special glomerular lesion). *Lakartidningen* 1984; 81: 227-228.

Lazarus JM. John P. Merrill M.D., international nephrologist. *Artif Org* 1984; 8: 265-267.

Saraf PG, Cockett AK. Marcello Malpighi- a tribute. *Urology* 1984; 23: 609-625.

Hakulinen E. Mannen bakom syndromet : Richard Bright. En av de stora inom njurforskningen – hans "Reports of medical cases" epokgorande (The man behind the syndrome. Richard Bright' one of the great names in renal research- his "reports of medical cases" are epoch-making) *Lakartidningen* 1984; 81: 1722-1723.

Cooper DY. Alfred Newton Richards and the discovery of the mechanism of urine formation. *Trans Stud Coll Philadelphia* 1984; ser 5, 6: 63-73.

- *an account of the pioneer of nephron micropuncture*

Wahl RW. Eponym: the loop of Henle. *South Med J* 1984; 77: 494-495.

Hufnagel CA, Thorn GW. Observations of a colleague (Carl W Walter) *Am J Surg* 1984; 148: 581-583.

Murphy WP. Carl Walter: a pioneer in shaping medical device history. *Am J Surg* 1984; 148: 590-593.

- these three papers outline Carl Walter's role in the design, building and dissemination of the Kolff-Brigham artificial kidney

Heimbecker HO. The Gordon Murray story. ASAIO Proc 1984; 29 : 454-455.

Earley LE. Solomon Papper: clinical investigator, physician and educator. Min Elect Metab 1984; 10: 146-147.

Portmann ML. Der Basler Arzt Theodor Zwinger III (1658-1724) und seine Arbeit uber ein langes Leben (The Basel doctor Theodor Zwinger III (1658-1724) and his work on longevity). Gesnerus 1985; 42: 353-358.

- in his "Poediatrica Practica" of 1722 Zwinger gave an excellent description of childhood nephrotic syndrome, placing the disease firmly in the kidneys, as the result of tubular obstruction, well before Morgagni's "De sedibus"

Anonymous. The Rosen von Rosenstein award. Acat Paed Scand 1985; 74: 3-16.

- Rosenstein gave in 1758 the best description of post-scarlatinal nephritis prior to the nineteenth century

Kjellstrand CM. Dedication to Nils Alwall. Nephron 1985; 39: 71-72.

Lam CR. The strange story of Jay Maclean, the discoverer of heparin. Henry Ford Hosp J 1985; 33: 18-23.

- an account by a personal friend (who carried out the first tentative dialyses in the United States in 1947) of the medical student who discovered an anticoagulant principle in Howells' lab in 1916 and whose life was haunted by his failure to obtain recognition

Soderstrom U. Mannen bakom syndromet: Johann Schonlein och Eduard Henoch. Larar och elev - forkampar for klinisk empiri i brytningstid mellan naturromantik och vetenskap (The men behind the syndrome: Johann Schonlein and Eduard Henoch. Teacher and pupil- the pioneers of clinical empiricism in a time of controversy between nature-romanticism and science). Lakartidningen 1985; 82: 4022-4024.

Ledingham J. Jan Brod. J Hypertens 1985; 3: 94-96.

Carter KC. Koch's postulates in relation to the work of Jacob Henle and Edwin Klebs. Med Hist 1985; 29: 353-374.

Coley NG. George Owen Rees, MD, FRS (1813-89): pioneer of medical chemistry. Med Hist 1986; 30: 173-90.

-Owen Rees, one of Bright's pupils, contributed greatly to blood and urine chemistry and microscopy, as well as publishing a book on clinical renal disease in 1851

Kark RM. Physician Extraordinary: Dr Richard Bright (1789-1858). Fitzpatrick Lecture, Royal College of Physicians London. Horn of the Moon Enterprises, Montpelier, Vermont, 1986.

Berndt H, Andree H. Ludwig Traubes Beitrag zur Nephrologie (Ludwig Traube's contribution to nephrology). Z Nephrol Urol 1986; 79: 171-174.

Benedum J. Georg Haas (1886-1971) Pionier der H•modialyse (George Haas (1886-1971) pioneer of haemodialysis). Schweiz Rundschau Medizin Praxis 1986; 75: 390-394.

- the first modern appreciation of Haas' essential contribution to practical haemodialysis

Weisse A. Conversations in medicine: Willem J Kolff MD PhD. Hosp Prac 1987; 22: 81-4, 88, 91-92.

Smellie JM. John Hodson. An appreciation of his achievements and contributions to pediatric nephrology. Pediatr Nephrol 1987; 1: 563-565.

- Hodson, a radiologist and experimentalist, made many of the observations crucial to the concept of reflux nephropathy

Clarke W. A Canadian giant: Dr Gordon Murray and the artificial kidney. Can Med Ass J 1987; 137: 246-248.

- an early appreciation of Murray's neglected contribution to the genesis of the artificial kidney

Berliner, RW, Giebisch GH. Robert Franklin Pitts: October 24th 1980-June 7th 1977. Biogr Mem Nat Acad Sci 1987; 57: 323-344.

Richet G. J.P. Merrill: a founder of scientific clinical nephrology. Artif Organs 1987; 11: 445-446.

Kolff WJ. About John P. Merrill. Artif Org 1987; 11: 442-444.

Cummings NB. John Putnam Merrill: an appreciation. Artif Org 1987; 11: 439-441.

- Merrill had died tragically early of drowning in that year

Emancipator SN. Dr Walter Heymann (1901-1985). J Lab Clin Med 1988; 111: 259-260.

- Heymann, a paediatrician, began the study of the nephritis named after him in rats as a model of membranous nephropathy. See also Part V below, Milestones of nephrology 2000

Strauss J. Jean Hamburger- Vater der Nephrologie und Mitbegründer der modernen Medizin (Jean Hamburger- father of nephrology and founder of modern medicine). In: *XX Congrès International d'Histoire de la Médecine 1986. Actes*. Düsseldorf, 1988. pp 422-427.

Kohler W, Mochmann H. Edwin Klebs (1834-1913) Pathologe und Wegbereiter der Bakteriologie. Zum Gedenken an seinen 75. Todestag. *Ztschr. Arztl Fort (Jena)* 1988; 82: 1037-1042.

Berry DF, Mackenzie JC. *Dr Richard Bright MD, FRCP, DCL. A man of many parts*. Dr Richard Bright Society, Bristol, 1988.

Mackenzie JC. Dr Richard Bright- a man of many parts. His bicentenary year-1899-1858. *Bristol Med Churg J* 1989; 104: 63-67.

- these two papers led on to their major biography of Bright in 1992

Kark RM. *Lecture to celebrate the bicentenary of the birth of Dr Richard Bright, given at Guy's Hospital, October 10th 1989*. Ms in collection of JS Cameron.

- unfortunately Kark's major projected work on Bright was never completed, and his huge collection of material and manuscripts was damaged or lost. This, the lecture to the Royal College of Physicians (1986, above) and a paper with E L Becker (1976) on the trip to Iceland are all we have.

Anonymous. The Klaus Thureau festschrift. *Miner Electrolyte Metab* 1989; 15: 101-184.

Couch NP. About heparin, or ... whatever happened to Jay Maclean ?
Vascular Surg 1989; 10: 1-8.

Escher C. Aktuelles aus der Geschichte. Theodor Langhans (1839-1915)(Contributions from history. Theodor Langhans (1839-1915)). *Pathologe* 1989; 10: 373-374.

Holubar K. J.F.F. Theodor Langhans (1839-1915) im Gedenken (In memory of J.F.F. Theodor Langhans (1839-1915)). *Wiener Klin Wschr* 1989; 101: 867-870.

- these two articles on the sesquicentennial of Langhans' birth commemorate a great German pathologist, one of whose many contributions was the first clear histological description of the histological changes of acute glomerulonephritis, including the cellular proliferation, in 1879

Nephrology in the ancient and medieval world

Bleker J. Zur Physiologie und Pathologie der Nieren bei Galen. (Galen's physiology and pathology of the kidneys). *Sudhoffs Archiv; Zeitschrift für Wissenschaftsgeschichte* 1975; 59: 321-327.

Steinberg A, Leibowitz Y. [The kidneys and urinary tract in our ancient sources]. (Hebrew) *Harefuah* 1975; 88; 232-233.

Gwei Djen L, Needham J. Records of diseases in ancient China. *Am J Clin Med* 1976; 4: 3-16.

Scarborough J. Galen's investigations of the kidney. *Clio Medica* 1976; 11: 171-177.

Lu-Jean Feng. Theoretical foundation of the mediaeval preparations of urinary derivatives. *Am J Chinese Med* 1976; 4: 347-453.

Grmek MD, Wittern R. Die Krankheit der attischer Strategen Nikias und die Nierenlähmung im Corpus Hippocraticum (The kidney disease of the Attic strategist Nikias and the burden of the kidney in the Corpus Hippocraticum). *Arch Int Hist Sci* 1977; 27: 3-32.

Sideras A (ed). *Rufus von Ephesos über die Nieren- und Blasenleiden (Rufus on maladies of the kidney and bladder)*. Berlin, Akademie Verlag. 190 pp (Corpus Medicorum Graecorum, III 1), 1977.

- in the works of Rufus are the first descriptions of "peri scleris nephron" which were echoed in subsequent descriptions down to the middle ages and even beyond. See Major (1949) in Part I.

Ramachandra K. Kidney and urinary conditions in traditional medicine. *Trad Med Syst* 1982; 1: 47-105.

Lippi D, Lippi G. L'ematuria parassitica nell'Antico Egitto. Interpretazione alla luce degli ultimi studi (Parasitic haematuria in ancient Egypt. Interpretation in the light of recent studies). *Minerva Med* 1985; 76: 587-589.

Mujais SK. Nephrologic beginnings. The kidney in the age of Ibn Sina (980-1037 AD). *Am J Nephrol* 1987; 7: 133-136.

Eknoyan G. Origins of nephrology: Hippocrates, the father of clinical nephrology. *Am J Nephrol* 1988; 8: 408-507.

Eknoyan G. The origins of nephrology. Galen, the founding father of experimental renal physiology. *Am J Nephrol* 1989; 9: 66-82.

De Santo NG, Capasso G, Giordano DR, Aulisio M, Anastasio P, Annunziata S, Armini B, Coppola S, Musacchio R. Nephrology in the Natural History of Pliny the Elder. *Am J Nephrol* 1989; 9: 252-260.

Renal structure and function (anatomy and physiology)

Forster RP. Structure and function of aglomerular kidneys. *Forsch Zool* 1975; 23: 232-247.

Fitzsimons JT, O'Connor WJ. E.B. Verney's demonstration of "The antidiuretic hormone and the factors which determined its release". *J Physiol* 1976; 263: 92p-93p.

Pickstone JV. Vital actions and organic physics: Henri Dutrochet and French physiology during the 1820s. *Bull Hist Med* 1976; 50: 191-212.

Beyer KH jr. Discovery of the thiazides: where biology and chemistry meet. *Perspec Biol Med* 1977; 20: 410-420.

- the thiazides, introduced in 1957, were the first new effective clinical diuretics apart from organic mercurials since classical times, and heralded a period of major progress and innovation in this area

Brenner BM. Functional determinants of glomerular filtration. A brief historical perspective. *Fed Proc* 1977; 36: 2594 - 2607.

Boss JMN. Richard Bright's "Reports of Medical Cases" (1827) in the development of renal physiology. *J Physiol* 1978; 277: 54P.

Peters G. Introduction: history and problems of compensatory adaptation of renal functions and of compensatory hypertrophy of the kidney. *Yale J Biol Med* 1978; 51: 235-145.

Harvey AMcG. Classics in clinical science: the concept of renal clearance. *Am J Med* 1980; 68: 6-8.

Schwartz IL. Some historical highlights pertaining to the biology of antidiuretic hormone. *Ann NY Acad Sci* 1981; 372: 85-91.

Terreros DA, Grantham JJ. Marshall Barber and the origins of micropipette methods. *Am J Physiol* 1982; 242: F293-F296.

Gottschalk CW. Odyssey of the glomerular filtration coefficient. Proc Int Union Physiol Sci 1983; 15: 237.

Suslov VV, Gusakov NI. K 200-letiiu ucheniia A.M. Schumlanskogo o pochke (1782-1982 (On the 200th anniversary of Shumlanskii's teachings on the kidney (1782-1982)) Urologiia I Nefrologiia 1983; 1: 61-63; also same title, Gusakov NI. Sov Med 1983; 4: 117-118.

Mel'man EP, Shutka BV. [VZ Golubov's study of the microarchitectonics of the kidney]. Arch Anat Gistol Embriol 1983; 85: 87-89 (in Russian)

Schmidt-Nielsen B. A history of renal physiology at the Mount Desert Island biological laboratory. Physiologist 1983; 26: 260-266.

Arendshorst WJ, Gottschalk CW. Glomerular filtration dynamics: historical perspective. Am J Physiol 1985; 248: F163-F174.

Mujais SK, McConathy DA. The kidney in the graphic arts. Am J Nephrol 1985; 5: 375-377.

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