

Practical Nephrology

Nils Alwall

Bengt (1997). "Nordiska Njurdagar (Nordic Nephrology Days)". *Hypertension, Dialysis & Clinical Nephrology*. Retrieved October 3, 2007. Alwall, Nils (1997)

Nils Alwall (October 7, 1904 – February 2, 1986) was a Swedish professor at Lund University, Sweden. He was a pioneer in hemodialysis and the inventor of one of the first practical dialysis machines. Alwall pioneered the technique of ultrafiltration and introduced the principle of hemofiltration. Alwall is referred to as the "father of extracorporeal blood treatment."

Adeera Levin

Kidney Disease: a practical guide to understanding and management", ISBN 9780199549313 "Adeera Levin | UBC Division of Nephrology". *nephrology.medicine.ubc*

Adeera Levin is a Canadian Professor of Medicine, and is head of the Division of Nephrology at University of British Columbia.

Uremic pruritus

elevated in patients with uremic pruritus: a novel finding with practical implications". *Nephrology Dialysis Transplantation*. 26 (10). Oxford University Press

Uremic pruritus is caused by chronic kidney failure and is the most common internal systemic cause of itching.

Nalfurafine, an orally administered, centrally acting κ-opioid receptor agonist, is approved to treat the condition in Japan.

Kidney dialysis

A (August 2005). "Hemodialysis in children: general practical guidelines". *Pediatric Nephrology*. 20 (8): 1054–1066. doi:10.1007/s00467-005-1876-y. PMC 1766474

Kidney dialysis is the process of removing excess water, solutes, and toxins from the blood in people whose kidneys can no longer perform these functions naturally. Along with kidney transplantation, it is a type of renal replacement therapy.

Dialysis may need to be initiated when there is a sudden rapid loss of kidney function, known as acute kidney injury (previously called acute renal failure), or when a gradual decline in kidney function, chronic kidney failure, reaches stage 5. Stage 5 chronic renal failure is reached when the glomerular filtration rate is less than 15% of the normal, creatinine clearance is less than 10 mL per minute, and uremia is present.

Dialysis is used as a temporary measure in either acute kidney injury or in those awaiting kidney transplant and as a permanent measure...

Bill Stone (nephrologist)

residency before serving there as chief resident. Subsequently he gained a nephrology fellowship at Cornell University. He served as Major in the U.S. Army

Bill Stone (1 August 1936 – 11 May 2020), was a nephrologist at Vanderbilt University Medical Center. He was head of the kidney department at the Nashville Veterans Affairs Medical Center, part of the Tennessee Valley Healthcare System, for over 45 years. There, in the 1970s, he began the first dialysis treatments that could be performed both in a healthcare setting and at home. During this time he helped work out how to administer safe doses of penicillin to people with kidney failure, who otherwise might develop toxic levels of penicillin in their blood.

Kharkiv National Medical University

Ukraine; “Nephrology and Urology” – the Department of Urology, Nephrology and Andrology and Shapoval Regional Clinical Centre for Urology and Nephrology; “Medical

The Kharkiv National Medical University (Ukrainian: Харківський національний медичний університет), formerly known as Kharkiv Medical Institute and previously Kharkiv State Medical University, is a State-sponsored medical university in Kharkiv, Ukraine. In March 2022 many buildings were heavily damaged due to the Russian invasion into Ukraine.

Over 700 teachers work at the departments of the university. Staff capacity is 5 corresponding members NAMN Ukraine, 17 Honoured Scientist of Ukraine, 2 Honored high school Ukraine, 13 distinguished doctors of Ukraine, 8 winners of the State Prize of Ukraine in Science and Engineering, 28 academicians of the public academies of Ukraine, 28 employees - Member of International Medical Associations;. Since 1951, the university has been training medical...

Hemodialysis

International Congress of Nephrology held in Evian in September 1960. Alwall was appointed to a newly created Chair of Nephrology at the University of Lund

Hemodialysis, also spelled haemodialysis, or simply "dialysis", is a process of filtering the blood of a person whose kidneys are not working normally. This type of dialysis achieves the extracorporeal removal of waste products such as creatinine and urea and free water from the blood when the kidneys are in a state of kidney failure. Hemodialysis is one of three renal replacement therapies (the other two being kidney transplant and peritoneal dialysis). An alternative method for extracorporeal separation of blood components such as plasma or cells is apheresis.

Hemodialysis can be an outpatient or inpatient therapy. Routine hemodialysis is conducted in a dialysis outpatient facility, either a purpose-built room in a hospital or a dedicated, stand-alone clinic. Less frequently hemodialysis...

Nursing in Canada

Competencies [PDF, 353.3 KB] Nephrology Nursing

i.e. Kidney related diseases and physiology. Designation: CNeph(C) — Certified in Nephrology (Canada) National - Nurses in Canada practise in a wide variety of settings, with various levels of training and experience. They provide evidence-based care and educate their patients about health and disease.

The role that nurses have played in the development of Canada has been recognized through the designation of seven National Historic Sites of Canada related to nursing. Five nurses' residences (the Ann Baillie Building, Begbie Hall, the Hersey Pavilion, the Pavillon Mailloux and the St. Boniface Hospital Nurses' Residence) were designated in commemoration of the growing professionalism of nursing and of the expanded role of nurses in health care over the course of the 20th century. The La Corne Nursing Station and the Wilberforce Red Cross Outpost were designated, in part, in honour of the role played...

Bone decalcification

Seminars in Nephrology. 12 (2): 127–45. PMID 1561493. Callis, Gyle (1998-03-01). "Decalcification of bone: literature review and practical study of various

Bone decalcification is the softening of bones due to the removal of calcium ions, and can be performed as a histological technique to study bones and extract DNA. This process also occurs naturally during bone development and growth, and when uninhibited, can cause diseases such as osteomalacia.

OR2AG1

Emerging roles for olfactory receptors in renal function". Pediatric Nephrology (Berlin, Germany). 31 (5): 715–23. doi:10.1007/s00467-015-3181-8. PMC 4752438

Olfactory receptor 2AG1 is a protein that in humans is encoded by the OR2AG1 gene.

Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms.

https://uk.fulldoc.me/chap/223925/41WM660881/daily_prophet.pdf

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