

**Amin J. Barakat, M.D., F.A.A.P.**  
**107 North Virginia Avenue**  
**Falls Church, VA. 22046**  
**703-532-4446 X104**  
[aybarakat@aol.com](mailto:aybarakat@aol.com)

## **CURRICULUM VITAE**

July 20, 2020

### **1. College and Medical School**

- a. B.S., American University of Beirut, Beirut (AUB), Lebanon (1963)
- b. M.D., AUB (1967)
- c. Rotating internship, AUB Medical Center (1966-67)

### **2. Post-Graduate Training**

- a. Resident, Department of Pediatrics, AUB Medical Center (1967-69)
- b. Resident, Department of Pediatrics, Johns Hopkins Hospital, Baltimore, Maryland (1969-70)
- c. Fellow, Pediatric Nephrology, Georgetown University Medical Center, Washington, D.C., including training in renal pathology at the Armed Forces Institute of Pathology (1970-72)

### **3. Certification**

- a. ECFMG, 1966
- b. American Board of Pediatrics, 1972
- c. FLEX Examination, 1976
- d. The Business of Medicine Certificate (Johns Hopkins University), 1999

### **4. Appointments**

- a. American University of Beirut, Lebanon, Department of Pediatrics: Clinical Instructor (1972-75); Clinical Assistant Professor (1977-83); Clinical Associate Professor (1983-86)
- b. Georgetown University, Washington, D.C., Department of Pediatrics: Assistant Professor (1976-77); Clinical Assistant Professor (1978-82); Adjunct Associate Professor (1983-89)
- c. Associate Professor of Pediatrics/ Nephrology, Vanderbilt University, Nashville, Tennessee (1986-89)
- d. Clinical Professor of Pediatrics/ Nephrology, Georgetown University Medical Center, Washington, D.C. (1989-present)
- e. Clinical Professor of Pediatrics, George Washington School of Medicine and Health Sciences (2009-15)

## 5. Licenses to Practice Medicine

- b. State of Virginia

## 6. Medical, Professional and Scientific Societies

- a. American Academy of Pediatrics (AAP), Fellow
- b. International Pediatric Nephrology Association
- c. Section of Nephrology, AAP
- d. Section on International Child Health, AAP
- e. Geneva Foundation for Medical Education and Research

## 7. Membership in Advisory and Editorial Boards

- a. Editorial Advisory Board, *Prescriber's Guide, Middle East and Africa* (1985-86)
- b. Editor, Section on Kidney in Systemic Diseases, *International Journal of Pediatric Nephrology*, Wichtig Editore, Napoli, Italy, (1987-89)
- c. Editorial Board, *Child Nephrology and Urology*, Karger, Basel, Switzerland (1989-94)
- d. Director, Child Kidney Disease Prevention Program, Vanderbilt University Medical Center, Nashville, Tennessee (1987-89)
- e. Member, International Editorial Board, *Journal of the Lebanese Society of Nephrology and Hypertension* (1994-97)
- f. Member, Advisory Board, Healthcare Quality International (1997-02)
- g. Reviewer for *Pediatric Nephrology* (1999)
- h. Member, Professional Advisory Board ALSAC/St. Jude Children's Research Hospital (2005-2010)
- i. Member, ALSAC/St. Jude Children's Research Hospital Leadership Council (2005-2010)
- j. Associate Editor, *Case Reports in Internal Medicine (CRIM)*(2013-)  
<http://www.sciedu.ca/journal/index.php/crim/about/editorialTeam>.

## 8. Honors

- a. Alpha Omega Alpha Honor Medical Society, 1985
- b. Special Recognition by the National Kidney Foundation of Middle Tennessee, 1988
- c. Listed among the "Top Doctors" by the *Washingtonian*, 1999-2015
- d. Listed among "America's Top-Rated Physicians" in the *Guide to Top Doctors*, published by the Center for the Study of Services, 1999
- e. Ellis Island Medal of Honor. Registered in the Congressional Record, 2000
- f. Listed in the "Guide to America's Top Pediatricians", published by the Consumer's Research Council of America, 2002-15
- g. Who's Who in Medicine and Health Care, 2003-12
- h. Who's Who in America, 2004-16
- i. Best Doctors in America, 2005-12
- j. Who's Who in Science and Engineering, 2006-17
- k. Who's Who in the World: 2007-16
- l. Patient's Choice Award 2008-2013

## List of Publications

**Barakat AJ.** Sharing how vaccinations first began and were implemented can be a useful tool in educating families of their importance. *Contemporary Pediatrics*. 2021; 38 (11): 14-16.

**Barakat AJ,** Rushton HG. Antenatal hydronephrosis: A Pediatrician's dilemma understanding, diagnosing, and treating ANH. *Contemporary Pediatrics*. 2021; 38 (5): 28-32.

**Barakat AJ.** Renal disease: Clinical presentation in children. *Ann Pediatr Res*. 2021; 5 (1): Article 1054.

**Barakat AJ,** Zalzal H. Characteristics of hearing loss in the Barakat syndrome. *Ann Pediatr Res*. 2020; 4 (5): Article 1051.

**Barakat AJ.** Association of congenital anomalies of the kidney and urinary tract with those of other organ systems: clinical implications. *Nephrol Renal Dis*, 2020; doi: 10.15761/NRD.1000167, Volume 5: 1-4.

**Barakat AJ,** Evans C, Gill M, Nelson D. Rapid strep testing in children with recently treated streptococcal pharyngitis. *Pediatr Invest*. 2019; 3: 27-30.  
<https://doi.org/10.1002/ped4.12109>.

**Barakat AJ,** Raygada M, Rennert OM. Barakat syndrome revisited. *Am J Med Genet*. 2018; 1- 8. DOI: 10.1002/ajmg.a.38693.

**Barakat AJ.** Guest Editor: Special issue on Pediatric Nephrology. Pediatric Nephrology: An Update. *The Open Urology & Nephrology Journal*. 2015; 8: 90-147.  
**DOI:** 10.2174/1874303X01508010090.

**Barakat AJ.** Editorial: Pediatric Nephrology: An Update. Special issue on Pediatric Nephrology. *The Open Urology and Nephrology Journal*, 2015;8: 90-1.  
**DOI:** 10.2174/1874303X01508010090.

Charron R, **Barakat AJ,** Tabbara S. A 12-year-old with a perplexing rash. *Contemporary Pediatrics*. 2015; 32: 50.

**Barakat AJ.** Barakat syndrome. *NORD (National Organization of Rare Disorders)* 2015.

**Barakat AJ.** Prevention of kidney disease in children. *7th Congress of Nephrology in Internet*, CIN, 2013.

**Barakat AJ.** Nephrology in the pediatric office. *7th Congress of Nephrology in Internet*, CIN, 2013.

Megas E, **Barakat AJ,** Shad A. Cyanosis leaves a girl tired and blue. *Contemporary Pediatrics*. 2013; 30: 16.

**Barakat AJ.** Editorial: Pediatric Nephrology. *Pediatr Ann*. 2013; 42: 106-7.

- Barakat AJ.** Presentation of renal disease in children. *Pediatr Ann.* 2013; 42: e40-e44.
- Barakat AJ.** Editorial: Pediatric Nephrology. *Pediatr Ann.* 2013; 42: 106-7.  
<https://doi.org/10.3928/00904481-20130222-07>
- Barakat AJ.** Presentation of renal disease in children. pp e40-e44.  
<https://doi.org/10.3928/00904481-20130222-08>
- Feghali A, **Barakat AJ.** Odontohypophosphatasia: A rare condition in children. Case report and review of the literature. *Pediatr Ann.* 2013; 42: 103-5.  
<https://doi.org/10.3928/00904481-20130222-06>.
- Barakat AJ.** Presentation of the child with renal disease and guidelines for referral to the pediatric nephrologist. *Intern J Pediatr*, volume 2012, Article ID 978673, 5 pages. doi: 10.1155/2012/978673.
- Seikaly M, Habib S, **Barakat AJ,** Gattineni J, Quigley R, Desi D. Editorial: Pediatric nephrology: Highlights for the general practitioner. *Intern J Pediatr*, volume 2012, Article ID 270725, 1page doi: 10.1155/2012/270725.
- Gower RG, Busse PJ, Aygo`ren-Pu`rsu`n E, **Barakat AJ,** et al. Hereditary Angioedema Caused by C1-Esterase Inhibitor Deficiency: A Literature-Based Analysis and Clinical Commentary on Prophylaxis Treatment Strategies. *World Allergy Organization Journal.* 2011; 4: S9-S21. <https://doi.org/10.1186/1939-4551-4-S2-S9>.
- Barakat AJ.** Editorial: Hypertension: An evolving disease in children. *Lebanese Medical Journal.* 2010; 58: 125-6.
- Barakat AJ.** Hereditary angioedema in children. *Angioedema.* 2010: 1:15-9. Bueso MB, Caballero R, Castro HJ, **Barakat A,** Bellanti JA. Recurrent infections and joint pain. *Allergy Asthma Proc.* 2006; 27: 164-71.
- Barakat AJ.** Hypoparathyroidism, sensorineural deafness and renal disease. *Orphanet Encyclopedia*, March, 2006. <http://www.orpha.net/data/patho/GB/uk-HDRsyndromw.pdf>
- Barakat AJ,** Pearl PL, Acosta MT, Runkle BP. 22q13 deletion syndrome with central diabetes insipidus: A previously undescribed association. *Clinical Dysmorphology.* 2004; 13:191-4.
- Barakat AJ,** Reese DJ, Barbey-Morel C, Evans C. West Nile virus disease also affects children. *Case Reports and Clinical Practice Review.* 2004; 5: 269-72.
- Barakat AJ,** Reese DJ, Menezes G. Carcinoid tumors of the appendix in children: a reminder. *Case Reports and Clinical Practice Review.* 2003; 4: 69-72.
- Barakat AJ.** Association of unilateral renal agenesis and genital anomalies. *Case Reports and Clinical Practice Review.* 2002; 3:57-60.

**Barakat AJ**, Rennert O. Gitelman's syndrome (familial hypokalemia-hypomagnesemia). *Journal of Nephrology*. 2001; 14:43-7.

**Barakat AJ**, Castaldo, AJ. Successful use of oxandrolone in the prophylaxis of hereditary angioedema: A case report. *Pediatric Asthma, Allergy and Immunology*. 1999; 13:189-93. <https://doi.org/10.1089/pai.1999.13.189>

Hoerlein MM, **Barakat AJ**, Reese DJ, Tunnessen, WW. A 17-month-old with another dehydration: Don't delay the diagnosis. *Contemporary Pediatrics*. 1999;16: 24.

**Barakat AJ**, Atiyeh BA. Renal disease in Lebanese children and adolescents: Findings in 118 consecutive percutaneous renal biopsies. *Lebanese Medical Journal*. 1999; 46: 306-9.

Atiyeh, BA, **Barakat AJ**, Abumrad NN. Extra-adrenal pheochromocytoma. *Journal of Nephrology*. 1997; 10:25-9.

**Barakat AJ**, Saba C, Rennert OM. Kidney abnormalities in Hajdu-Cheney syndrome. *Pediatric Nephrology*. 1996; 10: 712-15. <https://doi.org/10.1007/s004670050196>.

**Barakat AJ**. Special editorial. Kidney disease: Jade, dialysis or transplantation? *Lebanese Medical Journal*. 1996; 44: 184-6.

**Barakat AJ**, Atiyeh BA. Wilms' tumor. *Journal of Nephrology*. 1995; 8:100-6.

**Barakat AJ**, Castaldo AJ. Hereditary angioedema: Danazol therapy in a five-year-old child. *American Journal of Diseases of Children*. 1993; 147: 931-2.

**Barakat AJ**, Butler MG, Cobb CG, Coursey JW, Shah D. Reliability of ultrasound in the prenatal diagnosis of urinary tract abnormalities. *Pediatric Nephrology*. 1991; 5: 12-4.

**Barakat AY**, Drougas JG. Occurrence of renal and urinary tract abnormalities in 13,775 autopsies. *Urology*. 1991; 38: 347-50.

Roback EW, **Barakat AJ**, Dev VG, Mbikay M, Chretien M, Butler MG. An infant with distal deletion of the long arm of chromosome 15 (q26.1--qter) and loss of insulin-like growth factor 1 receptor gene. *American Journal of Clinical Genetics*. 1991; 38:74-9.

**Barakat AJ**, Arianas P, Glick AD, Butler MG. Focal sclerosing glomerulonephritis in a child with Laurence-Moon-Biedl syndrome. *Child Nephrology and Urology*. 1990; 10:109-11.

**Barakat AY**, Drougas JG, Barakat R. The association of congenital abnormalities of the kidney and urinary tract with those of other organ systems in 13,775 autopsies. *Child Nephrology and Urology*. 1989; 9: 269-72.

**Barakat AY**, Baasiri GM, Mounla NA. The incidence of congenital abnormalities of the kidney and urogenital system in Lebanon. *Lebanese Medical Journal*. 1989; 24: 43-9.

- Barakat AY.** Diagnosis, management and prevention of renal disease in children. *Comprehensive Therapy.* 1989; 15: 60-8.
- Awazu M, **Barakat AY**, Chevalier RL, Ichikawa I. The cause of uremia in obstructed kidneys. *Journal of Pediatrics.* 1989;114: 179-86.
- Barakat AY**, Awazu M, Fleischer AC. Antenatal diagnosis of renal abnormalities: A review of the state of the art. *Journal of the Southern Medical Association.* 1989; 82: 229-34.
- Barakat AY**, Butler MG, Salter JE, Fogo A. Townes-Brocks syndrome: report of three additional patients with previously undescribed renal and cardiac abnormalities. *Dysmorphology and Clinical Genetics.* 1988; 2: 104-8.
- Barakat AY.** Nomenclature of Drash Syndrome. *Clinical Nephrology.* 1988; 29:107 (letter).
- Musallam SS, **Barakat AY**, Itani M. Shigella septicemia: a reminder. *Lebanese Medical Journal.* 1987; 37: 37-8.
- Barakat AY**, Seikaly MG, Der Kaloustian VM. Urogenital abnormalities in genetic disease. *Urology Digest.* September 1987, p 17 (abstract).
- Barakat AY**, Butler MG. Renal and urinary tract abnormalities associated with chromosome aberrations. *International Journal of Pediatric Nephrology.* 1987; 8: 215-26.
- Barakat AY.** Hypertension in children. In: Symposium on Hypertension. Birbari AE, Barakat AY, Mukaddam-Daher S (editors). *Lebanese Medical Journal.* 1987: 37.
- Birbari AE, **Barakat AY**, Mukaddam-Daher S (editors). Symposium on Hypertension. *Lebanese Medical Journal.* 1987; 37.
- Itani M, **Barakat AY.** Down's syndrome and coanal atresia. *Lebanese Medical Journal.* 1986; 36:157-8.
- Barakat AY**, Noubani H. The kidney in hematologic disease. A review. *International Journal of Pediatric Nephrology.* 1986; 7: 207-12.
- Barakat AY**, Dakessian B. The kidney in heart disease. *International Journal of Pediatric Nephrology.* 1986; 7: 153-60.
- Barakat AY**, Seikaly MG, Der Kaloustian VM. Urogenital abnormalities in genetic disease. *Journal of Urology.* 1986; 136: 778-85.
- Barakat, AY.** The kidney in genetic diseases: An overview. In: Proceedings of the Symposium on Genetic Diseases in Lebanon. Der Kaloustian VM, Barakat AY, Khudr A (eds). *Lebanese Medical Journal.* 1986; 36: 76-81.

Der Kaloustian VM, **Barakat AY**, Khudr A (editors). Proceedings, Symposium on Genetic Diseases in Lebanon. *Lebanese Medical Journal*. 1986; 36: pp 47-95.

**Barakat AY**, Francis YK, Mufarrij AA. Hypokalemic alkalosis, hyperreninemia, aldosteronism, normal blood pressure and normal juxtaglomerular apparatus: A new syndrome of renal alkalosis. *International Journal of Pediatric Nephrology*. 1986; 7: 99-100.

**Barakat AY**. Thalassemia and distal renal tubular acidosis. *International Journal of Pediatric Nephrology*. 1986; 7: 125 (letter).

**Barakat AY**, Itani U, Zaytoun GM. Cultural "iatrogenic" cleft palate. *Pediatrics*. 1986; 78:511.

Ratl H, Khallouf EE, **Barakat AY**. Asphyxiating thoracic dystrophy of the newborn: Report of four cases and review of literature. *Arab Journal of Medicine*. 1986; 5: 4-9.

Traboulsi EI, El-Baba F, **Barakat AY**, Faris BM. The retinopathy of primary hyperoxaluria. *Retina*. 1985; 5: 151-3.

Alexander D, Assaf M, Khudr A, Haddad I, **Barakat AY**. Fructose-1,6-Diphosphatase deficiency: diagnosis using leukocytes and detection of heterozygotes with radiochemical and spectrophotometric methods. *Journal of Inherited and Metabolic Disease*. 1985; 8:74-7.

**Barakat AY**, Butrus SI, Faris BM, Dabbagh SMJ. Ocular abnormalities and renal disease: a review. *Metabolic Pediatric and Systemic Ophthalmology*. 1985; 8: 27-34.

Shehab M, **Barakat AY**. Thalassemia B with distal renal tubular acidosis: previously undescribed association. *International Journal of Pediatric Nephrology*. 1985; 6: 143-4.

Mikati MA, **Barakat AY**, Sulh HB, Der Kaloustian VM. Renal tubular insufficiency, cholestatic jaundice, and multiple congenital anomalies-a new multisystem syndrome? *Helvetica Paediatrica Acta*. 1984; 29: 463-71.

Georgi BA, Slim MS, Mufarrij AA, Turoczi T, **Barakat AY**. Pyloric duplication simulating pyloric stenosis: Report of a case and review of the literature. *Annals of Pediatric Surgery*. 1984; 1: 130-3.

Badr KF, **Barakat AY**. Malignant hypertension and renal failure in a child with vesico-ureteral reflux, hydronephrosis and renal artery stenosis. *Lebanese Medical Journal*. 1983; 33: 25-9.

**Barakat AY**, Khoury LA, Allam CK, Najjar SS. Diffuse mesangial sclerosis and ocular abnormalities in two siblings. *International Journal of Pediatric Nephrology*. 1982; 3: 33-5.

**Barakat AY**, Dabbagh S, de Chadarevian JP. Hypokalemic alkalosis, hyperreninemia, aldosteronism, normal blood pressure, and absence of juxtaglomerular apparatus

hyperplasia: A variant of Bartter's Syndrome or a new syndrome of renal alkalosis. *International Journal of Pediatric Nephrology*. 1981; 2: 259.

Racy AY, **Barakat AY**, Cochran WE. Computerized axial tomography in family members of patients with tuberous sclerosis. *Clinical Pediatrics*. 1978; 17: 883-5.

**Barakat AY**, Cochran WE. Tuberous sclerosis: Report of nine cases and a review. *Clinical Pediatrics*. 1978; 17: 875-9.

**Barakat AY**, Mnaymneh LG. Acute lymphoblastic leukemia diagnosed by renal biopsy. *Journal of Urology*. 1977; 118: 103-4.

**Barakat AY**, D'Albora JB, Martin MM, Jose PA. Familial nephrosis, nerve deafness, and hypoparathyroidism. *Journal of Pediatrics*. 1977; 91: 61-4.

**Barakat AY**. Pyuria. *Lebanese Medical Journal*. 1974; 27: 617-21.

**Barakat AY**, Papadoupoulou AL, August GP. A familial hyperkalemic, salt-wasting syndrome in infancy. *Clinical Proceedings of the Children's Hospital National Medical Center*. 1974; 30: 163-8.

**Barakat AY**, Papadoupoulou ZL, Chandra RS, Hollerman C, Calcagno PL. Pseudohermaphroditism, nephron disorder and Wilms' tumor: A unifying concept. *Pediatrics*. 1974; 54: 366-9.

**Barakat AY**, Bitar J, Nassar VH. Whipple's disease in a seven-year old child. *American Journal of Proctology*. 1973; 24: 132-5.

Hollerman CE, **Barakat AY**, et al. (abstract) Lipoid nephrosis, residual unilateral renal vein thrombosis, and terminal immune complex nephritis. Light, fluorescent, and electron microscopic studies. *5th International Congress of Nephrology*, Mexico City, 1972, P 56.

**Barakat AY**. The kidney in heart disease. *Clinical Proceedings of the Children's Hospital National Medical Center*. 1972; 28: 209-20.

## **Guest Editor**

**Barakat AJ. Editor. Special Issue: Pediatric Nephrology: An Update. *The Open Urology & Nephrology Journal* 8, 2015.**

- **Barakat AJ**. Editorial: Pediatric nephrology: an update. pp 90-1.  
**DOI:** 10.2174/1874303X01508010090.

- Finnell SME. Urinary tract infection: an update. pp 92-5.

- Rensing A, Austin P. The diagnosis and treatment of vesicoureteral reflux: an update. pp 96-103.

- *Kher KK. Acute glomerular diseases in children. pp 104-15.*

- Pirojsakul K, Mathews N, Seikaly MG. Chronic Kidney Disease in Children: Recent Update. pp 116-23.

- Miller RS. Fetal urinary tract obstruction. An update. pp 124-35.

- Foreman J. Genetic diseases of the kidney. pp 136-47.

**Barakat AJ. Pediatric Nephrology, Guest Editor. *Pediatric Annals*. 2013; 42.**

<https://doi.org/10.3928/00904481-20130222-07>

- **Barakat AJ.** Editorial: Pediatric Nephrology. *Pediatr Ann*. 2013; 42: 106-7.

<https://doi.org/10.3928/00904481-20130222-07>

- **Barakat AJ.** Presentation of renal disease in children. pp e40-e44.

<https://doi.org/10.3928/00904481-20130222-08>

- Tullus K. A review of guidelines for urinary tract infection in children younger than 2 years. pp e52-e56.

- Kaplan BS, Pradhan M. Urinalysis interpretation for pediatricians. e45-e51

**Barakat AJ. Guest Editor, Pediatric Hypertension. *Lebanese Medical Journal*. 2010; 58:125-84.**

- **Barakat AJ.** Editorial. Hypertension: An evolving disease in children. pp125-6.

- Yared A. Clinical aspects of hypertension in children. pp 127-31.

- LaRosa C, Meyers K. Epidemiology of hypertension in children and adolescents. pp 132-6.

- Daouk GH, Ingelfinger JR. Recent advances in the pathogenesis of hypertension in children. pp 137-41.

- Sanjad SA. Etiology of hypertension in children and adolescents. pp 142-5.

- Ghabril R. Renovascular hypertension in children. pp 146-8.

- Flynn JT. Neonatal hypertension. pp149-55.

- Sanders JT, Jones DP. Work up of the child with hypertension. pp 156-60.

- Seikaly MG, Bahlawan-Seikaly S. Strategies of treatment of pediatric hypertension. pp161- 6.

- Majdalani MN. Management of hypertensive emergencies in children. pp 167-70.

- Batsky DL. Obesity and the role of life style and dietary intervention in the management of pediatric hypertension. pp171-4.

- Butler MG. Genetics of hypertension. Current status. pp175-8.

- Villar VAM, Liu T, Jose PA. Recent trends in pediatric hypertension research. pp 179-84.

## **Barakat Syndrome**

Barakat syndrome, also known as HDR syndrome is characterized by the triad of Hypoparathyroidism, sensorineural Deafness and Renal disease. The syndrome was first described by Barakat et al in 1977 [Barakat AY, D'Albora JB, Martin MM, Jose PA: Familial nephrosis, nerve deafness, and hypoparathyroidism. *Journal of Pediatrics*. 1977; 91: 61-4]. Listed in: - *Online Mendelian Inheritance in Man (OMIM) ID # 146255*. OMIM is a comprehensive authoritative compendium of human genes and genetic phenotypes that is freely available and updated daily. OMIM is authored and edited at the McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University School of Medicine.

- Magnalini SI, et al: *Dictionary of Medical Syndromes*, 4th edition, Philadelphia, J.B. Lippencott-Raven, 1997, p 73.

- Rimoin DL, Connor, JM, Pyeritz RE, Korf BR. *Emery and Rimoin's Principles and Practice Medical Genetics*. Fourth Edition, Volume 2, London, Churchill Livingstone, 2002, p 2217.

- *GARD -Genetic and Rare Diseases Center*, National Institute of Health

- *NORD -National Organization for Rare Disorders: Rare Disease Database*. <https://rarediseases.org/rare-diseases/barakat-syndrome/>

- *NIH: US National Library of Medicine*. <https://id.nlm.nih.gov/mesh/C537907.html>

- Geneva Foundation for Medical Education and Research in Education and Research in Human Reproduction

- *Orphanet: ORPHA:2237*

- *Rare Kidney Diseases: An Integrated Strategy for Patients in the U.K.* The Renal Association and British Association for Paediatric Nephrology, April 2010

- *Dictionary of Biomedicine*, John Lackie, Oxford University Press, 2010.

- *Bioportal Medical Dictionary for Regulatory Activities Terminology (MedDRA)*, 2020

- *Global Variome shared LOVD [Leiden Open Variation Data Base]*, Disease # 01389

- *Disease Database*. Source codes & synonyms of CUI C1840333

- *GLOBAL GENES*-the Rare Disease community

- *FindZebra* (Disease #10046) search engine for rare diseases, available at: <http://www.findzebra.com/>

- *DisGeNET*, a data base of gene-disease associations (UMLS CUI: C1840333)
- MALA Cards: Hereditary Disease Database. Weizmann Institute of Science, MCID: HYP257
- Arabian Records.org

## Book Chapters

**Barakat AJ:** Conditions and Syndromes Associated with Congenital Anomalies of the Kidney and Urinary Tract. In: *Congenital Anomalies of the Kidney and Urinary Tract: Clinical Implications in Children*. Barakat AJ and H. Gil Rushton [eds]. Switzerland: Springer International Publishing, 2016, pp 337-57.

**Barakat AJ:** Association of congenital anomalies of the kidney and urinary tract with those of other organ systems. In: *Congenital Anomalies of the Kidney and Urinary Tract: Clinical Implications in Children*. Barakat AJ and H. Gil Rushton [eds]. Switzerland: Springer International Publishing, 2016, pp 323-35.

**Barakat AJ:** Some conditions and syndromes associated with renal and urinary tract abnormalities. In: *Pediatric Nephrology for Primary Care*. Barakat AJ and Chesney RW [eds]. American Academy of Pediatrics, 2009, pp 477-94.

**Barakat AJ:** Prevention of kidney disease. In: *Pediatric Nephrology for Primary Care*. Barakat AJ and Chesney RW [eds]. American Academy of Pediatrics, 2009, pp 419-31.

Fogo AB, **Barakat AJ:** Examination of the urine. In: *Pediatric Nephrology for Primary Care*. Barakat AJ and Chesney RW [eds]. American Academy of Pediatrics, 2009, pp 33-56.

Yared A, **Barakat AJ:** History and physical examination of the child with renal disease. In: *Pediatric Nephrology for Primary Care*. Barakat AJ and Chesney RW [eds]. American Academy of Pediatrics, 2009, pp 14-31.

**Barakat AJ:** Presentation of patients with renal disease, and guidelines for patient referral. In: *Pediatric Nephrology for Primary Care*. Barakat AJ and Chesney RW [eds]. American Academy of Pediatrics, 2009, pp 1-11.

Seikaly MG, **Barakat AJ:** Management of acute and chronic glomerulonephritis. In: *Gellis and Kagan's Current Pediatric Therapy* Burg FD, Ingelfinger JR, Wald ER, Polin RA [eds]. Philadelphia: W.B. Saunders Co, 1999, pp 878-82.

**Barakat AY:** Wilms' tumor-pseudohermaphroditism-glomerulopathy, Denys-Drash type. In: *Birth Defects Encyclopedia*. Buyse ML [ed]. New York: Alan R. Liss, Inc, 1990, p 1780-1.

**Barakat AY, Najjar SS:** Renal mesangial sclerosis-eye defects. In: *Birth Defects Encyclopedia*. Buyse ML [ed]. New York: Alan R. Liss, Inc, 1990, p 1464-5.

**Barakat AY:** Nephrosis-nerve deafness-hypoparathyroidism, Barakat type. In: *Birth Defects Encyclopedia*. Buyse ML [ed]. New York: Alan R. Liss, Inc, 1990, p 1226.

**Barakat AY:** Nephrosis-deafness-urinary tract and digital defects. In: *Birth Defects Encyclopedia*, Buyse ML [ed]. New York: Alan R. Liss, Inc, 1990, p 1225.

**Barakat AY:** Cystic kidney disease-cataract-congenital blindness. In: *Birth Defects Encyclopedia*. Buyse ML [ed]. New York: Alan R. Liss, Inc, 1990, p 1012.

**Barakat AY:** Medullary sponge kidney. In: *Birth Defects Encyclopedia*. Buyse ML [ed]. New York: Alan R. Liss, Inc, 1990, p 1008.

**Barakat AY:** Nephronophthisis - medullary cystic disease. In: *Birth Defects Encyclopedia*. Buyse ML [ed]. New York: Alan R. Liss, Inc, 1990, p 1008.

**Barakat AY, Ichikawa I:** Laboratory data. In: *Pediatric Textbook of Fluids and Electrolytes*. Ichikawa I [ed]. Baltimore: Williams and Wilkins, 1990, pp 478-500.

Subayti Y, Ichikawa I, **Barakat AY:** Nephrotic syndrome. In: *Pediatric Textbook of Fluids and Electrolytes*. Ichikawa I [ed]. Baltimore: Williams and Wilkins, 1990, pp 316-23.

Awazu M, **Barakat AY, Kon V:** Volume disorders. In: *Pediatric Textbook of Fluids and Electrolytes*. Ichikawa I [ed]. Baltimore: Williams and Wilkins, 1990, pp 121-9.

**Barakat AY:** Appendix. In: Barakat AY [ed]. *Renal Disease in Children: Clinical Evaluation and Diagnosis*, New York: Springer and Verlag 1990, pp 413-87.

**Barakat AY:** The role of early diagnosis and intervention in the prevention of renal disease. In: Barakat AY [ed]. *Renal Disease in Children: Clinical Evaluation and Diagnosis*, New York: Springer-Verlag, 1990, pp 395-405.

MacDonell RC, **Barakat AY:** Glomerular disease. In: Barakat AY [ed]. *Renal Disease in Children: Clinical Evaluation and Diagnosis*, New York: Springer-Verlag, 1990, pp 171-84.

Fogo A, **Barakat AY:** The urine and urinary sediment. In: Barakat AY [ed]. *Renal Disease in Children: Clinical Evaluation and Diagnosis*, New York: Springer-Verlag, 1990, pp 31-54.

Yared A, **Barakat AY:** History and physical examination of the child with renal disease. In: Barakat AY [ed]. *Renal Disease in Children: Clinical Evaluation and Diagnosis*. New York: Springer-Verlag, 1990, pp 9-29.

**Barakat AY:** Introduction to the diagnosis of renal disease and guidelines for patient referral. In: Barakat AY [ed]. *Renal Disease in Children: Clinical Evaluation and Diagnosis*, New York: Springer-Verlag, 1990, pp 1-8.

Yared A, **Barakat AY**, Ichikawa, I: Fetal nephrology. In: Eden RD, Boehm FH [eds]. *Assessment and Care of the Fetus: Physiological, Clinical and Medicolegal Principles*. Norwalk: Appleton and Lange, 1990, pp 69-91.

**Barakat AY**: Deafness, nephrosis, and hypoparathyroidism. Neurogenetic Directory Part I. Myriantopoulos N.C., editor, In: *Handbook of Clinical Neurology*, Vinken PJ and Bruyn GW [eds]. Amsterdam: North-Holland Publishing Company, 1981 p 383.

## **Books**

**Barakat AJ**, H. Gil Rushton [Editors]: *Congenital Anomalies of the Kidney and Urinary Tract: Clinical Implications in Children*. Switzerland: Springer International Publishing, 2016. ISBN 978-3-319-29217-5; e-Book ISBN 978-3 319-29219-9; DOI 10.1007/978-3-319-29219-9.

**Barakat AJ** [Editor]: *Arabic Edition of: A Parent's Guide to Childhood Obesity*. American Academy of Pediatrics, Beirut: All Prints, 2010. ISBN 978-9953-88-376-2. PubMed PMID: 25067820; PubMed Central PMCID: PMC4167356.

**Barakat AJ**, Chesney RW [Editors]: *Pediatric Nephrology for Primary Care*. American Academy of Pediatrics, 2009. ISBN 978-89-97811 05-2 PubMed PMID: 25067820; PubMed Central PMCID: PMC4167356. *Translated to Korean 2012: ISBN 978-89-97811-05-02 93510*.

**Barakat AJ** [Editor]: *Arabic Edition of Caring for Your Baby and Young Child: From Birth to Age Five*. American Academy of Pediatrics, Beirut: All Prints, 2007. ISBN 978-9953-88-376-2. PubMed PMID: 25067820; PubMed Central PMCID: PMC4167356.

**Barakat AY** [Editor]: *Renal Disease in Children: Clinical Evaluation and Diagnosis*. New York: Springer-Verlag, 1990. ISBN 0-387-97036-3. PubMed PMID:25067820; PubMed Central PMCID: PMC4167356.

**Barakat AY**, Der Kaloustian VM, Mufarrij AA, Birbari AE: *The Kidney in Genetic Disease*. Edinburgh, Churchill Livingstone, 1986. ISBN 0-443-02104-X.