# Nicole S. Glaser, M.D.

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| Clinical Interests | Dr. Glaser's main research focus is on pediatric diabetic ketoacidosis DKA and brain injury related to DKA in children. In addition, she has research and clinical interests in all aspects of type 1 diabetes care in children. |
| Title | Professor |
| Specialty | Pediatric Endocrinology |
| Department | Pediatrics |
| Division | Pediatric Endocrinology |
| Center/Program Affiliation | UC Davis Children's Hospital |
| Address/Phone | Glassrock Building, Pediatric Specialty Clinics, 2521 Stockton Blvd. Suite 3200 Sacramento, CA 95817<br>**Phone:** 916-734-3112 |
| Additional Phone | Physician Referrals: 800-4-UCDAVIS (800-482-3284) |
| Languages | German, Spanish |
| Education | M.D., Harvard Medical School, Boston, Massachusetts, 1990<br>B.A., Swarthmore College, Swarthmore, Pennsylvania, 1986 |
| Residency | Childrens? Hospital, Boston, Massachusetts, 1990-93 |
| Fellowships | University of San Diego Medical Center, San Diego, California, 1994-97 |
| Board Certifications | American Board of Pediatrics, 1994<br>American Board of Pediatrics, Pediatric Endocrinology, 1999 |
| Professional Memberships | American Academy of Pediatrics<br>American Diabetes Association<br>Lawson Wilkins Pediatric Endocrine Society<br>Society for Pediatric Research<br>Western Society for Pediatric Research |
| Honors and Awards | Richard C. Woodward Memorial Endowed Fund Research Award co-recipient, 2005 |

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Outstanding Teaching Award, Department of Pediatrics, University of California, Davis, 2000
The Role Model Award, Department of Pediatrics, University of California, Davis, 1999
Outstanding Fellow Teacher Award, Department of Pediatrics, University of California, San Diego, 1995
Graduate Cum Laude, Harvard Medical School, Boston, 1990
Aesculapian Club Honor Society, Harvard Medical School, Boston, 1990
Hewlett Packard Company Medical Graduate Award, 1990
Graduate with Distinction, Swarthmore College, Pennsylvania, 1986
Phi Beta Kappa, 1986
Sigma Xi, Scientific Research Honor Society, 1986

## Select Recent Publications


Glaser NS, Wootton-Gorges SL, Buonocore MH, Tancredi DJ, Marcin JP, Caltagirone R, Lee Y, Murphy C, Kuppermann N. Subclinical cerebral edema in children with diabetic ketoacidosis randomized to 2 different rehydration protocols. Pediatrics. 2013 Jan;131(1):e73-80.

Loomba-Albrecht LA, Bremer AA, Styne DM, Glaser NS. High frequency of cardiac and behavioral complaints as presenting symptoms of hyperthyroidism in children. J Pediatr Endocrinol Metab. 2011;24(3-4):209-13.

Glaser NS, Geller DH, Haqq A, Gitelman S, Malloy M; Lawson Wilkins Pediatric Endocrine Society Committee on Drugs and Therapeutics. Detecting and treating hyperlipidemia in children with type 1 diabetes mellitus: are standard guidelines applicable to this special population? Pediatr Diabetes. 2011 Jun;12(4 Pt 2):442-59.

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Ghetti S, Lee JK, Sims CE, Demaster DM, Glaser NS. Diabetic ketoacidosis and memory dysfunction in children with type 1 diabetes. J Pediatr. 2010 Jan;156(1):109-14.

Glaser N, Yuen N, Anderson SE, Tancredi DJ, O'Donnell ME. Cerebral metabolic alterations in rats with diabetic ketoacidosis: effects of treatment with insulin and intravenous fluids and effects of bumetanide. Diabetes. 2010 Mar;59(3):702-9.

Wootton-Gorges SL, Buonocore MH, Caltagirone R, Kuppermann N, Glaser NS. Progressive Decrease in NAA/Cr Ration in a Teenager with Type 1 Diabetes and Repeated Episodes of Ketoacidosis without Clinically Apparent Cerebral Edema: Evidence for Permanent Brain Injury. Am J Neuroradiol, 2010; 31: 780-1.

Loomba-Albrecht LA, Glaser NS, Styne DM, Bremer AA. An Oral Sulfonylurea in the Treatment of

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Transient Neonatal Diabetes Mellitus. Clinical Therapeutics 2009; 31: 816-20.

Marcin J, Kuppermann N, Glaser N. Diabetic Ketoacidosis: Pathophysiology, Clinical Manifestations, Treatment and Complications. Current Concept in Pediatric Critical Care 2009; 53-60

Oh G, Anderson S, Tancredi D, Kuppermann N, Glaser N. Hyponatremia in Diabetic Ketoacidosis: Re-evaluating the Correction Factor for Hyperglycemia. Arch Pediatr Adolesc Med 2009; 163: 771-2

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