



## JoAnne E. Natale, M.D., Ph.D.

<b>Clinical Interests</b>	Dr. Natale has clinical interests in pediatric critical care medicine. Her research interests focus on quality improvement, neurocritical care and clinical trials in critically ill children.
<b>Title</b>	Medical Director, UC Davis Children's Hospital Pediatric Intensive Care Unit Professor
<b>Specialty</b>	Pediatric Critical Care
<b>Department</b>	<a href="#">Pediatrics</a>
<b>Division</b>	Pediatric Critical Care
<b>Center/Program Affiliation</b>	<a href="#">UC Davis Children's Hospital</a>
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<b>Education</b>	M.D., Michigan State University, East Lansing, Michigan, 1993 Ph.D., University of Michigan Medical School, Ann Arbor, Michigan, 1988 B.S., Allentown College, Center Valley, Pennsylvania, 1984
<b>Internships</b>	Albert Einstein/Montefiore Medical Center, Bronx, New York, 1994
<b>Residency</b>	Albert Einstein/Montefiore Medical Center, Bronx, New York, 1996
<b>Fellowships</b>	Johns Hopkins Hospital, Baltimore, Maryland, 1999
<b>Board Certifications</b>	American Board of Pediatrics, 1996 American Board of Pediatrics, Critical Care Medicine, 2000
<b>Professional Memberships</b>	American Academy of Pediatrics, Fellow National Neurotrauma Society Neurocritical Care Society Society for Pediatric Research, Elected member Society of Critical Care Medicine Western Society for Pediatric Research



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### Honors and Awards

Ambassador of Diversity, UC Davis Health System, 2008

Award for Scientific and Academic Achievement, Clinical Research by Junior Faculty, Children's Research Institute, Children's National Medical Center, 2005

### Select Recent Publications

Natale J, Joseph J, Rogers A, Mahajan P, Cooper A, Wisner D, Miskin M, Hoyle J, Atabaki S, Dayan P, Holmes J, Kuppermann N. Cranial CT use for minor head trauma in children is associated with race/ethnicity. *Arch Child Adolescent Med.* 166(8):732-777.

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Shaikh, U, Natale J, Nettiksimmons J, Li ST. Improving pediatric healthcare delivery by engaging residents in team-based quality improvement projects. *Amer J Med Quality.* 2012; 28(2):120-126.

Natale JE, Joseph JG, Honomichl RD, Bazanni LG, Kagawa KJ, Marcin JP. Benchmarking, public reporting, and pay-for-performance: A mixed-methods survey of California pediatric intensive care unit medical directors. *Pediatr Crit Care Med.* 2011 Nov;12(6):e225-32.

Plymale J, Park J, Natale J, Moon-Grady A. Corrected QT Interval in Children With Brain Death. *Pediatr Cardiol.* 2010 Oct;31(7):1064-9. Epub 2010 Aug 20.

Natale JE, Hamburger E, Aman M, Asmerom W, Faisal A, Gebremichael F, Haile S, Maekele M, Mohammed M, Tesfaye D, Ghiorgis B, Joseph JG. Intervention to Reduce Parental Bypass of Community Pediatric Primary Health Facilities in Asmara, Eritrea. *Journal of Primary Care Community Health* 2010 Oct; 1(3): 213-217.

Salorio CF, Slomine BS, Guerguerian AM, Christensen JR, White JR, Natale JE, Shaffner DH, Grados



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MA, Vasa RA, Gerring JP. Intensive care unit variables and outcome after pediatric traumatic brain injury: a retrospective study of survivors. *Pediatr Crit Care Med*. 2008 Jan;9(1):47-53.

Natale JE\*, Guerguerian A-M\*, Joseph JG, McCarter R, Shao C, Slomine B, Christensen J, Johnston J, Shaffner DH. (\*equal contributors). Randomized trial of magnesium sulfate infusion in children with severe traumatic brain injury: Feasibility and hemodynamic safety. *Pediatric Critical Care Medicine*, 8(1):1-9, 2007. (feature article)

Natale JE, Joseph JG, Pretzlaff R, Silber T, Guerguerian AM. Clinical trials in pediatric traumatic brain injury: Unique challenges and potential responses. *Developmental Neurosci*, 28:276-290, 2006.

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