

informative. Children with these conditions should be given consideration on an individual basis.

#### COMMITTEE ON RADIOLOGY

Alvin H. Felman, M.D., Chairman; Norman Glazer, M.D.; William McSweeney, M.D.; William Northway, M.D.

*Liaison Representative:* Harold S. Goldman, M.D.

#### REFERENCES

1. Bureau of Radiological Health: *Population Exposure to X-rays, U.S. 1970*, publication DHEW 73-807. Rockville, Md, US Dept of Health, Education and Welfare, Public Health Service, Food and Drug Administration, November 1973.
2. Webster EW, Alpert NM, Brownell GL: Radiation doses in pediatric nuclear medicine and diagnostic x-ray procedures, in James AE, Wagner HN Jr, Cooke RE (eds): *Pediatric Nuclear Medicine*. Philadelphia, WB Saunders, 1974, pp 34-58.
3. Nealis JGT, McFadden SW, Asnes RA, et al: Routine skull roentgenograms in the management of simple febrile seizures. *J Pediatr* 90:595, 1977.
4. Hayes WG, Shopfner CE: Plain skull roentgenographic findings in infants and children with convulsions. *Am J Dis Child* 126:785, 1973.
5. Berman W, Johnson BA: The (?) value of routine skull radiography in clinical evaluation of children with recurrent convulsions. *J Pediatr* 90:598, 1977.
6. Roberts F, Shopfner CE: Plain skull roentgenograms in children with head trauma. *Am J Roentgenol* 114:230, 1972.
7. Harwood-Nash DC, Hendrick EB, Hudson AR: The significance of skull fractures in children: A study of 1,187 patients. *Radiology* 101:151, 1971.
8. Farmer TW (ed): *Pediatric Neurology*. Hagerstown, Md, Harper and Row, 1975, p 44.
9. Van den Berg GJ, Yerushalmy J: Studies on convulsive disorders in young children: I. Incidence of febrile and nonfebrile convulsions by age and other factors. *Pediatr Res* 3:298, 1969.
10. Ouellette EM: The child who convulses with fever. *Pediatr Clin North Am* 21:467, 1974.
11. Asnes RS, Novick LF, Nealis J, et al: The first febrile seizure: A study of current pediatric practice. *J Pediatr* 87:485, 1975.
12. Baird HW: Convulsions in infancy and childhood. *Pediatr Clin North Am* 10:705, 1963.
13. Grossman H, Winchester PH, Deck M, et al: Brain tumors in children with normal skull roentgenograms. *Am J Roentgenol* 112:329, 1971.
14. Kattan KR: Calvarial thickening after Dilantin medication. *Am J Roentgenol* 110:102, 1970.

---

#### ABSTRACT

##### **Genetic Aspects of Temperamental Differences in Infants: A Study of Same-Sexed Twins, by Anne Marie Torgersen, Ph.D, and Einer Kringlen, M.D.**

A sample of 53 same-sexed twin pairs has been studied at 2 and 9 months with regard to the temperamental attributes of activity level, rhythmicity, approach/withdrawal, adaptability, intensity, threshold, mood, distractibility, and attention span/persistence. By comparing the MZ and DZ groups, we found that genetic factors play an important role in the development of temperamental characteristics. In all the temperamental variables measured, MZ twins were more similar than DZ twins, statistically significant with regard to three temperamental categories at 2 months, and significant for all temperamental variables at 9 months. *J Am Acad Child Psychiatry* 17:433, 1978.

**Genetic Aspects of Temperamental Differences in Infants: A Study of Same-Sexed  
Twins, by Anne Marie Torgersen, Ph.D, and Einer Kringle, M.D**  
*Pediatrics* 1978;62;837

**Updated Information &  
Services**

including high resolution figures, can be found at:  
<http://pediatrics.aappublications.org/content/62/5/837>

**Permissions & Licensing**

Information about reproducing this article in parts (figures, tables) or in its  
entirety can be found online at:  
<http://www.aappublications.org/site/misc/Permissions.xhtml>

**Reprints**

Information about ordering reprints can be found online:  
<http://www.aappublications.org/site/misc/reprints.xhtml>

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN™



# PEDIATRICS®

OFFICIAL JOURNAL OF THE AMERICAN ACADEMY OF PEDIATRICS

**Genetic Aspects of Temperamental Differences in Infants: A Study of Same-Sexed Twins, by Anne Marie Torgersen, Ph.D, and Einer Kringlen, M.D**  
*Pediatrics* 1978;62;837

The online version of this article, along with updated information and services, is located on the World Wide Web at:

<http://pediatrics.aappublications.org/content/62/5/837>

Pediatrics is the official journal of the American Academy of Pediatrics. A monthly publication, it has been published continuously since 1948. Pediatrics is owned, published, and trademarked by the American Academy of Pediatrics, 141 Northwest Point Boulevard, Elk Grove Village, Illinois, 60007. Copyright © 1978 by the American Academy of Pediatrics. All rights reserved. Print ISSN: 1073-0397.

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN™

