J Hum Ecol, 6(1): 71-74 (1995)

DOI: 10.31901/24566608.1995/06.01.15

© Kamla-Raj 1995 PRINT: ISSN 0970-9274 ONLINE: 2456-6608

## Study of C3 Polymorphism Among the Infants Born with Neural Tube Defects and Ora-Facial Clefts

S.K. Basu<sup>1</sup>, S. Bhatnagar<sup>2</sup>, A.K. Slngla<sup>1</sup> and N. Makol<sup>1</sup>

1. Department of Population Genetics and Human Development
2. Department of Planning and Evaluation
National Institute of Health and Family Walfare, New Mehruull Road, Munirka, New Delhi
110 067, India

KEYWORDS Neural Tube Defects. Oro-Facial Clefts. Serum Proteins.

**ABSTRACT** Data are presented on the distribution of  $C_3$  polymophiam in infants with neural tube defects and orofacial clefts. The frequencies of FF and FS phenotypes were found to be higher among both the groups of congenital malformed infants as compared to their respective controls. In the total material the odd ratio was found to be 2.57 for FS phenotype which shows that infants with this phenol-type have more likelihood of developing such anomalies.