

Proceedings of the Iowa Academy of Science

Volume 39 | Annual Issue

Article 68

1932

Motility in Newborn Infants

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Recommended Citation

Irwin, Orvis C. (1932) "Motility in Newborn Infants," *Proceedings of the Iowa Academy of Science*, 39(1), 243-243.
Available at: <https://scholarworks.uni.edu/pias/vol39/iss1/68>

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MOTILITY IN NEWBORN INFANTS

ORVIS C. IRWIN

The motility of 73 newborn infants under 16 days of age has been measured by the stabilimeter-polygraph technique. Some of the more important results are: the demonstration of individual differences in motility soon after birth; the absence of sex differences; the relation of motility to nutritional status, hunger, body temperature, sleep, and various physical measurements and indices such as weight, height, body surface, etc.

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INCIDENCE OF COLORBLINDNESS AT IOWA STATE COLLEGE

MARTIN F. FRITZ

During the past two years 2,163 students at Iowa State College were tested for colorblindness by means of the Ishihara Test. All the tests were given individually by the writer at the time the students were given a physical examination. This investigation was made possible through the kindness and coöperation of Dr. J. F. Edwards and Dr. H. L. Johnston of the College Hospital staff.

The following distribution of color defective vision was found:

1. 1,104 Freshmen Men — 94 colorblind or 8.5 percent.
2. 201 Graduate Men — 10 colorblind or 4.9 percent.
3. 787 Freshmen Women — 5 colorblind or .6 percent
4. 71 Graduate Women — none colorblind

Miles reports 8.2 percent colorblindness for Stanford University men which agrees very closely with the 8.5 percent found for Freshmen men in this investigation. There is further agreement in that a very low percentage was found for women, Miles reporting .3 percent as compared to our .6 percent. This confirms the generally accepted fact that defective color vision among women is relatively rare.

A point of considerable interest is the much lower percentage of colorblindness among graduate students as compared to Freshmen. This is difficult to explain but may have something to do with the fact that 92 of the 94 colorblind Freshmen for whom test scores are available are distributed 30 in the upper half and 62 in the lower half of the Freshmen Aptitude Test. If graduate students tend to be drawn from the upper ranks of ability