

Journal of Andrology, Vol 5, Issue 1 17-20, Copyright © 1984 by The American Society of Andrology

JOURNAL ARTICLE

Reproductive history and semen analysis in prevasectomy fertile men with and without varicocele

M. P. de Castro and D. A. Mastrorocco

A group of 598 allegedly fertile men requesting vasectomy were investigated; varicocele was found in 97 (16.2%) of these men. The mean ages and age distributions of men with and without varicocele were not significantly different. Reproductive histories (number of pregnancies, living children and spontaneous abortions, as well as incidence of present pregnancy) were similar in both groups. The average seminal characteristics (semen volume, sperm count, total sperm count, percentage of motile spermatozoa, quality of motility, morphology) were not different for men with and without varicocele, except for a slight, but significantly higher incidence of oval-headed sperm in men without varicocele. However, the incidence of varicocele was significantly higher in men with sperm counts below 40 million/ml. Three important observations may be made from this study: 1) the incidence of varicocele in this prevasectomy population was similar to that reported for the general population, but lower than the incidence reported for male partners of infertile couples; 2) in this population of allegedly fertile men, the presence of a varicocele did not significantly affect reproductive performance; 3) even though the incidence of varicocele was higher in men with sperm counts below 40 million/ml, the average seminal characteristics were not different in men with and without varicocele.

This Article

- ▶ [Full Text \(PDF\)](#)
- ▶ [Alert me when this article is cited](#)
- ▶ [Alert me if a correction is posted](#)

Services

- ▶ [Similar articles in this journal](#)
- ▶ [Similar articles in PubMed](#)
- ▶ [Alert me to new issues of the journal](#)
- ▶ [Download to citation manager](#)

Citing Articles

- ▶ [Citing Articles via Google Scholar](#)

Google Scholar

- ▶ [Articles by de Castro, M. P.](#)
- ▶ [Articles by Mastrorocco, D. A.](#)
- ▶ [Search for Related Content](#)

PubMed

- ▶ [PubMed Citation](#)
- ▶ [Articles by de Castro, M. P.](#)
- ▶ [Articles by Mastrorocco, D. A.](#)