

Journal of Andrology, Vol 5, Issue 3 176-180, Copyright © 1984 by The American Society of Andrology

---

## JOURNAL ARTICLE

# Heterogeneity of sperm density profiles following 20-week therapy with high-dose LHRH analog plus testosterone

D. Rabin, R. M. Evans, A. N. Alexander, G. C. Doelle, J. Rivier, W. Vale and G. W. Liddle

Eight normal male volunteers received an LHRH analog, 100 to 500 micrograms daily, for 20 weeks. Testosterone enanthate, 100 mg, was given by injection every second week. Sperm density fell to  $5.5 \times 10^6$ /ml and to 0 in two of the subjects receiving 100 micrograms, but was unchanged in the third. Three of the subjects who received 500 micrograms displayed azoospermia, whereas the other two showed no significant change in sperm density. The reasons for the heterogeneity are not clear. Only one of the three nonresponders had testosterone values that were higher than the other subjects. Gonadotropin levels were similar in responders and nonresponders. It is possible that the response to LHRH analog in man is determined by the extent of the reduction in LH bioactivity.

### 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 Rabin, D.](#)
- ▶ [Articles by Liddle, G. W.](#)
- ▶ [Search for Related Content](#)

### PubMed

- ▶ [PubMed Citation](#)
- ▶ [Articles by Rabin, D.](#)
- ▶ [Articles by Liddle, G. W.](#)