

## Gamete Alerts

### Sperm DNA fragmentation: Focusing treatment on seminal transport fluid beyond sperm production

This gamete alert we bring you a recent study which included 98 men who underwent treatment with oral antibiotics and anti-inflammatory drugs. Their semen parameters and sperm DNA fragmentation index (DFI) were compared prior to their medication versus after the treatment. Both the macroscopic and microscopic parameters of the study group showed significant improvement with respect to the pH, count, motility, and morphology. Also, the mean sperm DFI showed significant decrease from  $28.24 \pm 12.39\%$  to  $16.2 \pm 7.1\%$ . There were no significant changes seen in the motility and volume of semen. Thus, concluding the positive effect of medical management of the male partner in improving semen quality.

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