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## Comparison of intrauterine ozone and rifaximin treatment in cows with subclinical endometritis

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The aim of presented study was to compare the effect of intrauterine ozone and rifaximin treatment in cows with subclinical endometritis. The study was conducted on 53 Simmental cows with subclinical endometritis, which was diagnosed by ultrasonographic examination. According to results, interval between treatment to pregnancy ( $46.4 \pm 6.2$  vs.  $40.0 \pm 6.0$ ), interval from calving to pregnancy ( $129.4 \pm 9.0$  vs.  $125.0 \pm 13.1$ ), and insemination number ( $3.2 \pm 0.3$  vs.  $3.1 \pm 0.5$ ) after treatment were similar in the groups ( $P > 0.05$ ). In conclusion, intrauterine ozone treatment was observed as therapeutic as rifaximin and to be an alternative treatment approach in dairy cows with subclinical endometritis.

### Biography

Bülent Polat has completed his PhD at from Ankara University in Turkey. He has been working as a Professor in the Department of Obstetrics and Gynecology at Veterinary Faculty, Ataturk University. He has published more than 27 papers in many reputed journals.

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