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**ULTRASONOGRAPHY FOR DIAGNOSIS OF
HYDROMETRA AND PYOMETRA
(TWO CASE REPORTS)
(With 2 Figures)**

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SUMMARY

Two cases of hydrometra and pyometra in dairy goats were reported. 2-4 years multiparous dairy Saanen and Damascus goats were scanned by ultrasonography for pregnancy diagnosis. The scanning was done using real-time scanner equipped with dual frequency (5-7.5 MHz) micro convex transducer, while the animals were well restrained on a dorsal recumbancy. Incidentally during the routine scanning for pregnancy diagnosis, an anechoic and hypoechoic compartmentalized fluid filled uteri; with absence of fetal parts or placentomes were observed in the two does. The cases were diagnosed as hydrometra and pyometra respectively. In conclusion ultrasound was found to be an efficient tool in diagnosing the female reproductive tract disorders; in addition to that it was found a potential tool in differentiating between fluid-filled gestational sacs of normal pregnancy and abnormally fluid accumulations in the uterus such as hydrometra and pyometra.

Key words: Hydrometra, pyometra, goats, ultrasound
