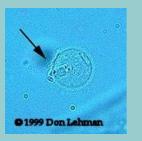


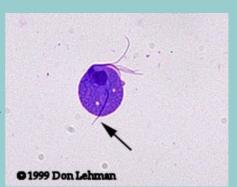
UNIVERSITY OF DELAWARE

Diagnostic Parasitology

Trichomonas vaginalis

Trichomonas vaginalis is a common cause of vaginitis. The trophozoite (shown at right, Giemsa stain) measures about $15 \ge 10 \ \mu\text{m}$. The auxostyle (arrow) is often clearly visible. The trophozoite has a single nucleus and four flagella. The undulating membrane is sometimes visible and extends about halfway down the side. **Trichomonas** spp. do not have a cyst stage.





T. vaginalis infections are generally diagnosed by examining wet-mounts of vaginal discharge. It is important to examine these samples soon after collection so that the parasites are still motile. It is easy to confuse nonmotile **T. vaginalis** with WBCs. In the image on the left, the flagella (arrow) are just discernable.

Diagnostic Parasitology Home Page Diagnostic Parasitology Index Copyright 2008 Don Lehman