ascending genital tract infection and its permanent sequelae. If the partners were pregnant, there would also be risk of neonatal infection.

This small study has caused concern as (a) it reinforces the problem of the asymptomatic shedding of *Chlamydia trachomatis* in the male population (about 15% in this series), and (b) if these data are reproducible, on the first attendance as many as 16% of male patients may have this common and potentially serious sexually transmitted disease, which is missed by conventional diagnostic methods. The above results suggest that 30% of infected men would be missed in departments that use >10 PML/field, 2 although the two glass urine test may identify some of these cases.

The journal has, over the years, paid much attention to the diagnosis of non-specific urethritis in men. We wonder whether looking at isolation positive cases and referring back to microscopy may be of interest to our colleagues, and in particular ask whether colleagues with full chlamydial diagnostic services have made similar observations. Should the results of this study be supported by other centres, full diagnostic facilities should be made available urgently to all genitourinary departments as a matter of public health necessity. Failure to achieve early diagnosis in men means failure to prevent female tubal occlusive infertility, ectopic pregnancy, chronic pelvic pain, and avoidable neonatal disease.

Yours faithfully,
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References

TO THE EDITOR, Genitourinary Medicine

Indigenous intravaginal pentatrichomonads vitiate the usefulness of squirrel monkeys (*Saimiri sciureus*) as models for trichomoniasis in men

Sir,
After Street, Taylor-Robinson, and Hetherington proposed the squirrel monkey as a model for the study of human trichomoniasis, 1 we obtained two young adult female squirrel monkeys from a commercial supplier. Unfortunately they were already infected with intravaginal trichomonads. Protozoa were regularly obtained by syringing the vaginas with a small amount of serum saline, and identified by dark field illumination. Isolates were readily grown in our modification of Diamond's medium. 2

Study of the trichomonads in cooled wet preparations and in fixed silver stained smears showed five anterior flagella distributed in the "4 + 1" arrangement characteristic of the genus *Pentatrichomonas*, as described by Honigberg. 3 Other workers including Wenrich have found similar trichomonads in the vaginas and intestines of Rhesus monkeys. 4

Because *Trichomonas* and *Pentatrichomonas* species are not easily distinguished, monkeys for trichomoniasis research need to be exhaustively examined for the presence of indigenous organisms. Naturally occurring infections can be eradicated by metronidazole, but as the immunological state could be altered by a new infection with trichomonas, we suggest that the squirrel monkey is not the ideal model for human trichomoniasis.

Yours faithfully,
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References

TO THE EDITOR, Genitourinary Medicine

Tyson or not Tyson

Sir,
We report a case of gonococcal "tysonitis" in a man aged 35 who presented in March
Indigenous intravaginal pentatrichomonads vitiate the usefulness of squirrel monkeys (Saimiri sciureus) as models for trichomoniasis in men.

D H Hollander and J D Gonder

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