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This *Journal*, founded by the Medical Society for the Study of the Venereal Diseases, publishes original work on the investigation and treatment of genitourinary and allied disorders, and review articles, correspondence, and abstracts.

**Advice to authors** Papers for publication, which will be accepted on the understanding that they have not been and will not be published elsewhere and are subject to editorial revision, should be sent in duplicate to Dr A Mindel, Academic Department of Genitourinary Medicine, James Pringle House, Middlesex Hospital, London W1N 8AA. All authors must give signed consent to publication. Submitted papers must be accompanied by the following statement, signed by all the authors: "No paper resembling the enclosed article has been or will be published except in *Genitourinary Medicine*. We transfer all copyright ownership to *Genitourinary Medicine*." Manuscripts will only be acknowledged if a stamped addressed postcard or international reply coupon is enclosed. Rejected papers will not be returned. Figures will be returned if requested at the time of submission.

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(1) *Scripts (including correspondence and book reviews)* must be typewritten on one side of the paper in double spacing with ample margins. Two copies should be sent.

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(3) *The title of the paper* should be as brief as possible.

(4) *The number of authors* should be kept to the minimum, and only their initials and family names used.

(5) *Only the institution(s)* where work was done by each author should be stated.

(6) *SI units* must be used. If old fashioned units are used, SI units should be given in parentheses or, for tables and figures, a conversion factor given as a footnote.

(7) *Only recognised abbreviations* should be used.

(8) *Acknowledgements* should be limited to workers whose courtesy or help extended beyond their paid work, and supporting organisations.

(9) *Figures* should be numbered in the order in which they are first mentioned in the text. Captions should be typed on a separate sheet. (*Diagrams*: use thick, white paper and insert lettering lightly in pencil. *Photographs*: should be marked lightly on the back with the author's name and indicating the top, and should not be attached by paper clips or pins. They should be trimmed to include only the relevant section (and will be reproduced 68 or 145 mm wide) to eliminate the need for reduction. Photomicrographs must have internal scale markers. Radiographs should be submitted as photographic prints, carefully prepared so that they bring out the exact point to be illustrated.

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teriology. These I feel should have been presented in a different order, with antimicrobial agents following bacteriology, and an attempt should have been made to highlight the clinical importance of these sections with, for example, therapeutics and basic pharmacology being blended to show their relevance in the management of urinary tract infections.

Other chapters cover such topics as urinary tract infections and urethral syndrome in women, bacterial and non-bacterial prostatitis in men, as well as urinary tract infection in childhood, the elderly, pregnancy and diabetes. Some sections such as those on infected renal calculi and genitourinary tuberculosis have little relevance to the daily practice of genitourinary medicine in the UK and the sections on sexually transmitted diseases although adequately covered were fairly uninspiring.

At times I felt the data presented were inaccurate such as "about 15% of men with gonococcal urethritis will develop urethral stricture disease" (accompanied by a 1965 reference!), and "approximately 40% of men with acute urethritis have gonococcal infections" (certainly not in Leicester in 1989 and I guess not in many parts of the USA even when the naval boat comes in!). These anachronisms together with a few factual errors made me feel uneasy about some of the less familiar information presented. Nevertheless, I feel this is a useful book either to dip into or for those genitourinary physicians with an interest in "cystitis", but I am relieved my copy of the book was complimentary because I would certainly have browsed through its competitors before parting with my money.

PETER FISK

**Acyclovir therapy for herpesvirus infections** Edited by DA Baker (\$119.50. Pp 344). New York. Marcel Dekker. (ISBN 0-8247-8091-4) 1990.

The 24 contributors to this book who are all from the United States, write well in clear English and fortunately the problem of widely differing literary styles which can be obtrusive in multi author volumes does not arise here in any way, making the text very readable.

The first chapters are devoted to detailed accounts of the molecular basis for acyclovir's antiviral activity and then to the many carefully performed preclinical and clinical safety studies so essential in the evaluation of any new drug. The general safety of the drug is confirmed though more information is required concerning its use in pregnancy and for long term suppression.

The management of HSV infections of the eye, mouth and hand are separately dealt with in very practical detail. The chapter on hand infections stresses the problems often met with in virus isolation from this site, skin puncture generally being required to achieve success. The not uncommon and often troublesome association of hand infections with lymphoedema of hand or arm presumably resulting from lymphatic damage is discussed along with the value of suppressive therapy in health care workers. (The risks of infection to others here are highlighted by the case of a dental hygienist with herpes of the hand who infected 20 of 46 patients seen over a 4 day period.)

The management of genital herpes is covered in two chapters which include good brief accounts of the virology, epidemiology, and clinical course of the illness. Diagnosis and prevention are not forgotten whilst the recommended treatment are clearly explained and do not stop at the prescription of acyclovir.

No one has so far been able to offer a treatment which will completely prevent recurrent disease and the whole question of suppressive therapy with acyclovir in this situation is examined in considerable detail with common sense recommendations.

The difficult and complex questions posed by herpes in pregnancy and herpetic illness in the neonate and infancy occupy nearly a third of the book and this section deserves to be widely read. It will be of especial interest to obstetricians and pediatricians.

The use of acyclovir in the treatment of encephalitis, in HIV infection and immunosuppression in general, and its use in zoster, varicella, and EB virus infection are all carefully and critically considered.

The book is well bound and printed (though an episode of "double vision" experienced by the reviewer turned out to be due to the visibility of the

print from the other side of a very thin page; only two pages were so affected). The text throughout is well referenced and there is a good index. It should be read by anyone who treats patients with the disease. The price will probably ensure that most of us will have to read it in the library.

JK OATES

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## NOTICE

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### International Pathogenic Neisseria Conference

The Seventh International Pathogenic Neisseria Conference will be held on 9-14 September 1990 in West Berlin, Federal Republic of Germany. For further details please contact Dr. Mark Achtman, Max-Planck-Institut für molekulare Genetik, Ihnestr. 73, 1000 Berlin 33, Federal Republic of Germany. Tel: (004930) 8307 262, telefax: (004930) 8307 382.

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## CURRENT PUBLICATIONS

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**Selected titles from recent reports published worldwide are arranged in the following sections:**

*Genital warts*  
*Genital herpes*  
*Syphilis and other treponematoses*  
*Gonorrhoea*  
*Non-specific genital infection and related disorders (chlamydial infections)*  
*Non-specific genital infection and related disorders (mycoplasmal and ureaplasma infections)*  
*Non-specific genital infection and related disorders (general)*  
*Pelvic inflammatory disease*  
*Reiter's disease*  
*Trichomoniasis*  
*Candidiasis*  
*Other sexually transmitted diseases*  
*Public health and social aspects*  
*Miscellaneous*

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### *Genital warts*

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**Human papillomavirus infection: frequency and association with cervical neoplasia in a young population**

SB SADEGHI, A SADEGHI, M COSBY, A OLINCY, SJ ROBBY (Hollywood, USA). *Acta Cytol* 1989;33:319-23.

**Correlation of histology and human papillomavirus DNA detection in condyloma acuminatum and condyloma-like vulvar lesions**

GJ NUOVO, M O'CONNELL, JS BLANCO, RU LEVINE, SJ SILVERSTEIN (New York, USA). *Am J Surg Pathol* 1989;13:700-6.

**Human papillomavirus detection in urine samples from male patients by the polymerase chain reaction**

WJG MELCHERS, R SCHIFT, E STOLZ, J LINDEMAN, WGV QUINT (Delft, The Netherlands). *J Clin Microbiol* 1989;27:1711-4.

**Localization of human papillomavirus type-16 DNA using the polymerase chain reaction in the cervix uteri of women with cervical intra epithelial neoplasia**

MTE CORNELISSEN, JG VANDENTWELL, APHB STRUYK, *et al* (Leiden, The Netherlands). *J Gen Virol* 1989;70:2555-62.

**Both episomal and integrated forms of human papillomavirus type-16 are involved in invasive cervical cancer**

T MATSUKURA, S KOI, M SUGASE (Tokyo, Japan). *Virology* 1989;172:63-72.

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### *Genital Herpes*

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**Evaluation of the Du Pont HERPCHEK herpes simplex virus antigen test with clinical specimens**

TC WU, S ZAZA, J CALLAWAY (Rockville, USA). *J Clin Microbiol* 1989;27:1903-5.

**Use of the cytobrush in the diagnosis of male urethral herpes virus infection**

R LUZZATO, C TELÖKEN (Porto Alegre, Brazil). *Acta Cytol* 1989;33:417-8.

**Detection of herpes simplex virus DNA in cutaneous lesions of erythema multiforme**

SL BRICE, D KRZEMIAN, WL WESTON, JC HUFF (Denver, USA). *J Invest Dermatol* 1989;93:183-7.

**Differentiation of primary from nonprimary genital herpes virus infections by detection of polymeric immunoglobulin A activity**

M HASHIDO, T KAWANA, S INOUE (Tokyo, Japan). *J Clin Microbiol* 1989;27:2609-11.

**Reinfections and site-specific immunity in herpes simplex virus infections**

RJ KLEIN (New York, USA). *Vaccine* 1989;7:380.

**Persistent herpes simplex virus infection and mechanisms of virus drug resistance**

HJ FIELD (Cambridge, England). *Eur J Clin Microbiol Infect Dis* 1989;8:671-80.

**Continuous infusion of high-dose acyclovir for serious herpes virus infection**

CV FLETCHER, JA ENGLUND, B BEAN, B CHINNOCK, DM BRUNDAGE, HH BALFOUR (Minneapolis, USA). *Antimicrob Agents Chemother* 1989;33:1375-8.

**National surveillance for neonatal herpes simplex virus infections**

KM STONE, CA BROOKS, ME GUINAN, ER ALEXANDER (Atlanta, USA). *Sex Transm Dis* 1989;161:152-6.

**Preventing neonatal herpes infection**

T LISSAUER, D JEFFRIES (London, England). *Br J Obstet Gynaecol* 1989;96:1015-8.

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### *Non-specific genital infection and related disorders (chlamydial infection)*

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**Pathogenesis of chlamydial infections**

J SCHACHTER (San Francisco, USA). *Pathol Immunopathol Res* 1989;8:206.

**Chlamydial disease pathogenesis. The 57-kD chlamydial hypersensitivity antigen is a stress response protein**

RP MORRISON, RJ BELLAND, K LYNG, HD CALDWELL (Hamilton, USA). *J Exp Med* 1989;170:1271-84.

**Molecular techniques for the detection of *Chlamydia trachomatis***

EM PETERSON, R ODA, R ALEXANDER, JR GREENLAND, LM DELA MAZA (Irvine, USA). *J Clin Microbiol* 1989;27:2359-63.

**Comparison of buffalo green monkey cells and McCoy cells for isolation of *Chlamydia trachomatis* in a microtiter system**

T KRECH, M BLECKMANN, R PAATZ (Berne, Switzerland). *J Clin Microbiol* 1989;27:2364-5.

**Cytobrush in collection of cervical specimens for detection of *Chlamydia trachomatis***

J MONCADA, J SCHACHTER, M SHIPP, G BOLAN, J WILBER (San Francisco, USA). *J Clin Microbiol* 1989;27:1863-6.

**Evaluation of proposed cytomorphologic criteria for the diagnosis of *Chlamydia trachomatis* in Papanicolaou smears**

JN BERNAL, MA MARTINEZ, A DABANCENS (Santiago, Chile). *Acta Cytol* 1989;33:309-13.

**Correlation of infecting serovar and local inflammation in genital chlamydial infections**

BE BATTEIGER, W LENNINGTON, WJ NEWHALL, BP KATZ, HT MORRISON, RB JONES (Indianapolis, USA). *J Infect Dis* 1989;160:332-6.

**Serovars of *Chlamydia trachomatis* causing postabortion salpingitis**

K PERSSON, S OSSER (Malmo, Sweden). *Eur J Clin Microbiol Infect Dis* 1989;8:795-8.

**Recovery of *Chlamydia trachomatis* from endometrial and fallopian tube biopsies in women with infertility of tubal origin**

MK SHEPARD, RB JONES (Indianapolis, USA). *Fertil Steril* 1989;52:232-8.

**Use of quinolones in chlamydial infection**

JD ORIEL (London, England). *Rev Infect Dis* 1989;11 suppl:1273-86.

**Dose-ranging study of fleroxacin for treatment of uncomplicated *Chlamydia trachomatis* genital infections**

WR BOWIE, V WILLETTS, DW MEGRAN (Vancouver, Canada). *Antimicrob Agents Chemother* 1989;33:1774-7.

**Evidence that *Chlamydia pneumoniae*, strain TWAR, is not sexually transmitted**

D-K LI, JR DALING, S-P WANG, JT GRAYSTON (Seattle, USA). *J Infect Dis* 1989;160:328-31.

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## Pelvic inflammatory disease

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**Epidemiology and trends in hospital discharges for pelvic inflammatory disease in England, 1975 to 1985**

H BUCHAN, M VESSEY (Oxford, England). *Br J Obstet Gynaecol* 1989;96:1219-23.

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## Syphilis

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**Overproduction and purification of *Treponema pallidum* recombinant-DNA-derived proteins TMpA and TmpB and their potential use in serodiagnosis in syphilis**

LM SCHOOLS, OE IJSSELMUIDEN, J WEEL, JDA VAN EMBDEN (Bilthoven, The Netherlands). *Infect Immun* 1989;57:2612-23.

**Visuwell reagin, a non-treponemal enzyme-linked immunosorbent assay for the sero-diagnosis of syphilis**

TJ WHITE, SA FULLER (Rexdale, Canada). *J Clin Microbiol* 1989;27:2300-4.

**In vitro model of *Treponema pallidum* invasiveness**

GR RIVIERE, DD THOMAS, CM COBB (Kansas City, USA). *Infect Immun* 1989;57:2267-71.

**Analysis of the humoral immune response to *Treponema pallidum* in the different stages of untreated human syphilis**

M MOSKOPHIDIS (Hamburg, Federal Republic of Germany). *Zentralblatt Bakteriologie* 1989;271:171-9.

**Enzyme-linked immunosorbent assays for detection of immunoglobulin M to nontreponemal and treponemal antigens for the diagnosis of congenital syphilis**

NS PEDERSEN, JP SHELLER, AV RATNAM, SK HIRA (Copenhagen, Denmark). *J Clin Microbiol* 1989;27:1835-40.

**Congenital syphilis: immunologic challenges**

RE BAUGHN (Houston, USA). *Pathol Immunopathol Res* 1989;8:161-78.

**Congenital syphilis and necrotizing funisitis**

K BENIRSCHKE, GT HENSLEY, L MOSKOWITZ (San Diego, USA). *JAMA* 1989;262:903-4.

**Is it time to review antenatal screening for syphilis?**

EFN HOLLAND, CP O'MAHONY (Liverpool, England). *Br J Obstet Gynaecol* 1989;96:1005-6.

**Antenatal screening for syphilis**

JC CLAY (Birmingham, England). *Br Med J* 1989;299:409-10.

**Syphilis serology screening in a psychogeriatric population—is the effort worthwhile?**

JA BOODHOO (Birmingham, England). *Br J Psychiatry* 1989;155:259-62.

**Syphilitic gastritis: demonstration of *Treponema pallidum* with the use of fluorescent treponemal antibody absorption complement and immunoperoxidase stains**

KY CHUNG, MG LEE, CY CHON, JB LEE (Seoul, South Korea). *J Am Acad Dermatol* 1989;21:183-5.

**Cardiolipin-fluorescent (M1) antimitochondrial antibody and cholestatic hepatitis in secondary syphilis**

GM COMER, S MUKHERJEE, RK SACHDEV, DJ CLAIN (New York, USA). *Digest Dis Sci* 1989;34:1298-302.

**Cardiovascular syphilis**

JD JACKMANN, JD RADOLF (Durham, USA). *Am J Med* 1989;87:425-33.

**Persistence of neurosyphilis despite multiple treatment regimens**

CM WHITESIDE (Sacramento, USA). *Am J Med* 1989;87:225-7.

**Syphilis and HIV infection**

EW HOOK III (Baltimore, USA). *J Infect Dis* 1989;160:530-4.

**Sero-negative syphilis in a patient with AIDS**

M STROBEL, P BEAUCLAIR, J LACAVE (Basse Terre, Guadeloupe). *Presse Medicale* 1989;18:1440.

**Neurosyphilis in acquired immunodeficiency syndrome**

DA KATZ, JR BERGER (Miami, USA). *Arch Neurol* 1989;46:895-901.

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## Gonorrhoea

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**Interactions of gonococci with phagocytic cells**

WM SHAFER, RF REST (Atlanta, USA). *Ann Rev Microbiol* 1989;43:121-46.

**Sampling methods for monitoring changes in gonococcal populations**

KM BINDAYNA, CA ISON (London, England). *Epidemiol Infection* 1989;103:203-10.

**Fluorescent-antibody-negative penicillinase-producing *Neisseria gonorrhoeae***

DT WALTON (Sacramento, USA). *J Clin Microbiol* 1989;27:1885-6.

**Clinical evaluation of ofloxacin as single-dose therapy for uncomplicated gonococcal urethritis in men**

FAB ADEYEMI-DORO, NA ROTOWA, RA BAKARE, AO OSOBA (Ibadan, Nigeria). *Curr Ther Res* 1989;46:303-7.

**Evaluation of difloxacin in the treatment of uncomplicated urethral gonorrhoea in men**

BL SMITH, M CUMMINGS, S BENES, K DRAFT, WM MCCORMACK (New York, USA). *Antimicrob Agents Chemother* 1989;33:1721-3.

**Evaluation of single dose ciprofloxacin in the treatment of rectal and pharyngeal gonorrhoea**

DM COKER, I ASHMED-JUSHUF, OP ARYA, JS CHEESBROUGH, BC PRATT (Liverpool, England). *J Antimicrob Chemother* 1989;24:271-2.

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## Trichomoniasis

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**Trichomonas vaginalis**

JL THOMASON, SM GELBART (Milwaukee, USA). *Obstet Gynecol* 1989;74:536-40.

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## Candidiasis

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**Immunological findings in patients with chronically recurrent vaginal candidosis and new therapeutic approaches**

W MENDLING, U KOLDOVSKY (Wuppertal, Federal Republic of Germany). *Mycoses* 1989;32:386-90.

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### Other sexually transmitted diseases

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#### Bacterial vaginosis: an ecologic mystery

JD SOBEL (Detroit, USA). *Ann Intern Med* 1989;111:551-3.

#### The cytologist and bacteriologist of the vaginal-ectocervical area: clues, commas and confusion

VJ SCHNADIG, KD DAVIE, SK SHAFER, RB YANDELL, MZ ISLAM, EV HANNIGAN (Galveston, USA). *Acta Cytol* 1989; 33:287-97.

#### Association between bacterial vaginosis and acute cystitis in women using diaphragms

TM HOOTON, SD FIHN, C JOHNSON, PL ROBERTS, WE STAMM (Seattle, USA). *Arch Intern Med* 1989;149:1932-6.

#### Anaerobic vaginosis: treatment with tinidazole vaginal tablets

J HEIKKINEN, S VUOPALA (Oulu, Finland). *Gynecol Obstet Invest* 1989;28:98-100.

#### Chancroid: a newly important sexually transmitted disease

AR RONALD, F PLUMMER (Winnipeg, Canada). *Arch Dermatol* 1989;125: 1413-4.

#### Clinical efficacy of antimicrobial therapy in *Haemophilus ducreyi* infections

AS BOYD (Lubbock, USA). *Arch Dermatol* 1989;125:1399-405.

#### Lymphogranuloma venereum: 27 cases in Paris

C SCIEUX, R BARNES, A BIANCHI, I CASIN, P MOREL, Y PEROL (Paris, France). *J Infect Dis* 1989;160:662-8.

#### Results of treatment with quinolones of sexually transmitted diseases in the Far East—a brief summary

ASC CHAN (Hong Kong). *Rev Infect Dis* 1989;11 suppl:1305-20.

#### Importance of heterosexual activity in the transmission of hepatitis B and non-A, non-B hepatitis

MJ ALTER, PJ COLEMAN, WJ ALEXANDER, et al (Atlanta, USA). *JAMA* 1989;262: 1201-5.

#### The effect of concurrent human immunodeficiency virus infection on chronic hepatitis B: a study of 150 homosexual men

N BODSWORTH, B DONOVAN, BN NIGHTINGALE (Sydney, Australia). *J Infect Dis* 1989;160:577-82.

#### Vaccination against hepatitis B in homosexual men—a review

C GOILAV, P PIOT (Antwerp, Belgium). *Am J Med* 1989;87 suppl:21-5.

#### Half-life of HBs antibody after hepatitis B vaccination: an aid to timing of booster vaccination

FE NOMMENSEN, ST GO, DM MACLAREN (Amsterdam, The Netherlands). *Lancet* 1989;ii:847-8.

#### Sexual transmission of human T-lymphotrophic virus type 1 (HTLV-1)

EL MURPHY, JP FIGUEROA, WN GIBBS, et al (San Francisco, USA). *Ann Intern Med* 1989;111:555-60.

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### Genito-urinary bacteriology

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#### Application of a rapid non-radio-

#### isotopic nucleic acid analysis system to the detection of sexually transmitted disease-causing organisms and their associated antimicrobial resistances

MS URDEA, J KOLBERG, J CLYNE (Emeryville, USA). *Clin Chem* 1989;35:1571-5.

#### Clue cells in bacterial vaginosis: immunofluorescent identification of the adherent gram-negative bacteria as *Gardnerella vaginalis*

RL COOK, G REID, DG POND, CA SCHMITT, JD SOBEL (Detroit, USA). *J Infect Dis* 1989;160:490-6.

#### Humoral circulatory immune response to *Gardnerella vaginalis*

M GHIONE, PA CLERICI, G PIRAGINE, E MAGLIANO (Milan, Italy). *J Clin Microbiol* 1989;27:2138-9.

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### Miscellaneous

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#### Anal and cervical intraepithelial neoplasia: possible parallel

JH SCHOLEFIELD, C SONNEX, IC TALBOT, et al (London, England). *Lancet* 1989; ii:765-8.

#### Infection and preterm birth

J DRIFE (Leicester, England). *Br J Obstet Gynaecol* 1989;96:1128-32.

#### Treatment of genitourinary tract infections with fluoroquinolones: clinical efficacy in genital infections and adverse effects

DC HOOPER, JS WOLFSON (Boston, USA). *Antimicrob Agents Chemother* 1989;33: 1662-7.