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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Advice to authors Papers for publication, which will be accepted on the understanding that they have not been and will not be published elsewhere and are subject to editorial revision, should be sent in duplicate to Dr A Mindel, Academic Department of Genitourinary Medicine, James Pringle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.

(10) *Tables* should be numbered, have titles, and be typed on separate sheets. Please avoid large tables and use the format which appears in current issues.

(11) *References* should be numbered consecutively the first time they are cited and identified by arabic numbers in the text, tables, and legends to figures. Authors must take full responsibility for the accuracy of their references, and the list should be kept as short as practicable. It should be in the order in which references are first mentioned, and should include (in the following order), *journals*: author's name and initials, title of paper, name of journal (in full or abbreviated according to the list in *Index Medicus*), year of publication, volume number, and first and last page numbers; *books*: author's name and initials, full title, edition, place of publication, publisher, and year of publication. When a chapter in a book is referred to, the name and initials of the author of the chapter, title of the chapter, "In:", name and initials of the editor, and "ed" should precede book title, etc as above. In references to journals or books, when there are seven or more authors the names of the first three should be given followed by "et al." Names of journals no longer published or not in *Index Medicus* should be given in full — for example, *British Journal of Venereal Diseases*.

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and management; another leaves the reader in no doubt as to how to manage a urethral stricture in a male patient and the latest urethral stenting techniques are included.

Of particular interest are the chapters on male urethritis and dermatological lesions of the penis. The latter chapter is illustrated with black and white photographs that cannot be faulted.

Within this massive textbook there is reference material that is completely up to date for all those interested in urology and genitourinary medicine.

ROBERT H WHITAKER

All titles reviewed here are available from the BMJ Bookshop, PO Box 295, London WC1H 9TE. Prices include postage in the UK and for members of the British Forces Overseas, but overseas customers should add £2 per item for postage and packing. Payment can be made by cheque in sterling drawn on a UK bank, or by credit card (MASTERCARD, VISA or AMERICAN EXPRESS) stating card number, expiry date and full name.

Slide set review

Sexually Transmitted Diseases by AS Latif and K Murtagh (24 slides + text pp26; £6 (£5 for developing countries, p&p inc.): Teaching-aids at low cost (TALC) PO Box 49, St Albans, Herts AL1 4AX, United Kingdom.

This set of 24 slides and accompanying text gives an overview of those STDs and their complications that are prevalent in underdeveloped countries. Produced in Zimbabwe and distributed in the UK by Teaching-aids at low cost (TALC) a non profit-making organisation, the set is designed for doctors, nurses, midwives, auxiliaries, primary health care workers and medical students working in areas with limited STD services. Some of the slides are better than others but most are good examples and include algorithms for managing urethral and vaginal discharge and genital ulcer disease (GUD). The text gives a clear commentary on the slides and provides numerous points of interest for teachers of students with differing levels of knowledge. A major emphasis is rightly placed on the diagnosis of GUD which has assumed increasing importance as a co-factor in HIV transmission. There are helpful points in differentiating between the various causes of GUD but no mention is made of donovanosis (*granuloma inguinale*). A section on congenital infections contains interesting and unusual examples of congenital syphilis. A multiplicity of treatment regimes are covered in the text and are of particular relevance for areas where drugs are in short supply.

Finally, a few words about the price. By any standards this set, on a cost-per-slide basis alone, is a bargain and should readily find a place in departmental slide libraries. The set can be recommended to those in charge of HIV/STD control programmes for distribution in peripheral areas and also to Western-educated medical staff unfamiliar with STD problems faced by underdeveloped countries.

N O'FARRELL

NOTICE

Northern Genitourinary Physicians Colposcopy Group

The Annual General Meeting, with a lecture by Dr P Blomfield, "*Lower Orders of CIN—to Treat or Leave?*" will take place on 23 November 1991, at 11 am, at the Excelsior Hotel, Manchester Airport, Manchester. All members and interested parties are invited.

CURRENT PUBLICATIONS

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

Gonorrhoea
Chlamydia
Candidiasis
Bacterial vaginosis
Trichomoniasis
Syphilis and other treponematoses
Herpes simplex virus
Human papillomavirus infection
Cervical cytology and colposcopy
Other sexually transmitted diseases
Public health and social aspects
Microbiology and Immunology
Dermatology
Miscellaneous

Gonorrhoea

Transformation of *Neisseria gonorrhoeae*—physical requirements of the transforming DNA
DC STEIN, *Can J Microbiol* 1991;37:345.

First isolation of a penicillinase non-producing *Neisseria gonorrhoeae* with high level tetracycline resistance, (in French)

JC LEFEVRE, E GAUBERT, MB LARENG, *Pathol Biol* 1991;39:491.

Sultamicillin as single-dose therapy for gonococcal infections in women
FAB ADEYEMIDORO, NA ROTOWA, AO OSOBA, SB OLUPITAN, *Curr Ther Res* 1991;49:1011.

Identification and characterization of a conserved outer-membrane protein of *Neisseria gonorrhoeae*
RC JUDD, JC STRANGE, RK PETTIT, WM SHAFER, *Mol Microbiol* 1991;5:1091.

In situ expression and localization of *Neisseria gonorrhoeae* opacity proteins in infected epithelial cells—apparent role of Opa proteins in cellular invasion
JFL WEEL, CTP HOPMAN, JPM VANPUTTEN, *J Exp Med* 1991;173:1395.

Virulence of transparent and opaque colony types of *Neisseria gonorrhoeae* for the genital tract of mice
E KITA, N KATSUI, M EMOTO, M SAWAKI, D OKU, F NISHIKAWA, A HAMURO, S KASHIBA, *J Med Microbiol* 1991;34:355.

Chlamydia

***Chlamydia trachomatis*—female pelvic infection**
S FARO, *Am J Obstet Gynecol* 1991;164:1767

Genital chlamydial infections—epidemiology and reproductive sequelae
W CATES, JN WASSERHEIT, *Am J Obstet Gynecol* 1991;164:1771.

***Chlamydia trachomatis* infection during pregnancy**
JA MCGREGOR, JI FRENCH, *Am J Obstet Gynecol* 1991;164:1782.

Perinatal transmission of *Chlamydia trachomatis*—the use of serological tests in detecting infected women
L DANNEVIG, B SCHIVE, BK STRAUME, K MELBY, *Infection* 1991;59:135.

Detection of *Chlamydia trachomatis* in first-void urine collected from men and women attending a venereal clinic
M GENC, A STARY, S BERGMAN, PA MARDH, *APMIS* 1991;99:455.

Comparison of cervical, urethral and urine specimens for the detection of *Chlamydia trachomatis* in women
JW SELLORS, JB MAHONY, D JANG, L PICKARD, CH GOLDSMITH, A GAFNI, MA CHERNESKY, *J Infect Dis* 1991;164:205, 30.

False-positive chlamydiazyme results during urine sediment analysis due to bacterial urinary tract infections
J DEMAIO, RS BOYD, R RENSI, A CLARK, *J Clin Microbiol* 1991;29:1436.

Evaluation of the rapid Clearview Chlamydia test for direct detection of chlamydiae from cervical specimens
NJ STRATTON, L HIRSCH, F HARRIS, LM DELAMAZA, EM PETERSON, *J Clin Microbiol* 1991;29:1551.

Detection of *Chlamydia trachomatis* DNA in patients with non-gonococcal urethritis using the polymerase chain reaction
G RATTI, A MORONI, R CEVENINI, *J Clin Pathol* 1991;44:564.

Isolation of *Chlamydia trachomatis* from prostatic tissue of patients undergoing transurethral prostatectomy
M DAN, Z SAMRA, YI SIEGAL, D KORCZAK, A LINDER, *Infection* 1991;59:162.

Serotyping of *Chlamydia trachomatis* by indirect fluorescent-antibody staining of inclusions in cell culture with monoclonal antibodies
SP WANG, JT GRAYSTON, *J Cell Sci* 1991;99:1295.

Simplified microtiter cell culture method for rapid immunotyping of *Chlamydia trachomatis*
RJ SUCHLAND, WE STAMM, *J Cell Sci* 1991;99:1333.

New treatments for *Chlamydia trachomatis*
RB JONES, *Am J Obstet Gynecol* 1991;164:1789.

The role of azalide antibiotics in the treatment of *Chlamydia*
RB JOHNSON, *Am J Obstet Gynecol* 1991;164:1794.

Comparative activities of amoxycillin, amoxycillin/clavulanic acid and tetracycline against *Chlamydia trachomatis* in cell culture and in an experimental mouse pneumonitis
AS BEALE, E FAULDS, SE HURN, J TYLER, B SLOCOMBE, *J Antimicrob Chemother* 1991;27:627.

Evidence that the major outer membrane protein of *Chlamydia trachomatis* is glycosylated
AF SWANSON, CC KUO, *Infect Immun* 1991;59:2120.

Candidiasis

Role of CD4+ lymphocytes in resistance to mucosal candidiasis
MT CANTORNA, E BALISH, *Infect Immun* 1991;59:2447.

Bacterial vaginosis

Vaginal infection and preterm labour
JM MCDONALD, KA OLOUGHLIN, P JOLLEY, R VIGNESWARAN, PJ MCDONALD, *Br J Obstet Gynaecol* 1991;98:427.

Vaginal *Bacteroides* species are associated with an increased rate of preterm delivery among women in preterm labour
MA KROHN, SL HILLIER, ML LEE, LK RABE, DA ESCHENBACH, *J Infect Dis* 1991;164:88.

Purification and characterization of *Gardnerella vaginalis* hemolysin
UM KRETZSCHMAR, R HAMMANN, HJ KUTZNER, *Curr Microbiol* 1991;23:7.

Trichomoniasis

The phenotypically variable surface protein of *Trichomonas vaginalis* has a single tandemly repeated immunodominant epitope
DC DAILEY, JF ALDERETE, *Infect Immun* 1991;59:2083.

Syphilis

Serological response to treatment of infectious syphilis

B ROMANOWSKI, R SUTHERLAND, GH FICK, D MOONEY, EJ LOVE, *Ann Int Med* 1991; 114:1005.

Serologic testing after therapy for syphilis—is there a test for cure

SA LUKEHART, *Ann Int Med* 1991;114:1057.

Syphilis, neurosyphilis, penicillin and AIDS

DM MUSER, *J Infect Dis* 1991;163:1201.

Syphilis treatment response in HIV-infected individuals

EE TELZAK, MSZ GREENBERG, J HARRISON, RL STONEBURNER, S SCHULTZ, *AIDS* 1991; 5:591.

Herpes simplex virus

Episodic acyclovir therapy to abort recurrent attacks of genital herpes simplex infection

JD WHATLEY, RN THIN, *J Antimicrob Chemother* 1991;27:677.

Detection of herpes simplex virus using the polymerase chain reaction followed by endonuclease cleavage

BB ROGERS, SL JOSEPHSON, SK MAK, *Am J Pathol* 1991;139:1.

Suitability of infection of cells in suspension for detection of herpes simplex virus

G LUKER, C CHOW, DF RICHARDS, FB JOHNSON, *J Clin Microbiol* 1991;29:1554.

Type-common and type-specific monoclonal antibodies to herpes simplex virus type-1 and type-2

M BYSTRICKA, M VANCIKOVA, J RAJCANI, M KOSTAL, M MURANYIOVA, K POLAKOVA, G RUSS, *Acta Virol* 1991;35:152.

Effect of interferon treatment on expression of gC and gE glycoproteins in herpes simplex virus-infected cells

M HOLBERG-PETERSEN, E BOHMER, E NAMORK, M DEGRE, *APMIS* 1991;99:307.

Human papillomavirus infection

Contact tracing of condylomata acuminata

BE JONES, *J Am Acad Dermatol* 1991; 3124:1030.

Human papillomavirus in exophytic condylomatous lesions on different female genital regions

M SUGASE, S MORIYAMA, T MATSUKURA, *J Med Virol* 1991;34:1.

Human papillomaviruses and cancer

G NIEDOBITEK, H HERBST, *Cancer J* 1991; 314:163.

Natural history of vaginal intraepithelial neoplasia

M AHO, EW VESTERINEN, B MEYER, E PUROLA, J PAAVONEN, *Cancer* 1991;68:195.

Analysis of invasive squamous cell carcinoma of the vulva and vulvar intraepithelial neoplasia for the presence of human papillomavirus DNA

D RUSK, GP SUTTON, KY LOOK, A ROMAN, *Obstet Gynecol* 1991;77:918.

Human papillomavirus (HPV) DNA in focal epithelial hyperplasia by in situ hybridization

A PADAYACHEE, CW VANWYK, *J Oral Pathol & Med* 1991;20:210.

Identification of human papillomavirus antigen in a bladder tumor

F ROUSSEL, JM PICQUENOT, O ROUSSEAU, *Acta Cytol* 1991;35:273.

Pearly penile papules—absence of human papillomavirus DNA by the polymerase chain reaction

A FERENCZY, RM RICHART, TC WRIGHT, *Obstet Gynecol* 1991;78:118.

Use of human papillomavirus type-11 virions in an ELISA to detect specific antibodies in humans with condylomata acuminata

W BONNEZ, CD RIN, RC ROSE, RC REICHMAN, *J Gen Virol* 1991;72:1343.

Difference in prevalence of human papillomavirus genotypes in cytologically normal cervical smears is associated with a history of cervical intraepithelial neoplasia

AJC VANDENBRULE, JMM WALBOOMERS, M DUMAINE, P KENEMANS, CJLM MEIJER, *Int J Cancer* 1991;48:404.

Detection of human papillomavirus DNA in genital lesions by using a modified commercially available in situ hybridization assay

MP MEYER, CA MARKIW, RR MATUSCAK, A SAKER, K MCINTYRESELTMAN, AJ AMORTEGUI, *J Clin Microbiol* 1991;29:1308.

Prevalence of low and high risk human papillomavirus types in cervical cells from Hong Kong Chinese using filter in situ hybridization

EWK IP, RJ COLLINS, ANY CHEUNG, G SRIVASTAVA, *Arch Gynecol Obstet* 1991; 249:1.

Cervical papillomavirus infection and cervical dysplasia in Hispanic, native American and non-Hispanic white women in New Mexico

YM BECKER, CM WHEELER, NS MCGOUGH, SW JORDAN, M DORIN, J MILLER, *Am J Public Health* 1991;81:582.

Relatively low prevalence of human papillomavirus 16, 18 and 33 DNA in the normal cervixes of Japanese women shown by polymerase chain reaction

A NISHIKAWA, M JUKISHIMA, M SHIMADA, Y YAMAKAWA, S SHIMAND, I KATO, K FUJINAGA, *Jap J Cancer Res* 1991;82:532.

Estrogen and progesterone receptors in cervical human papillomavirus related lesions

J MONSONEGO, H MAGDELENATM, F CATALAN, Y COSCAS, L ZERAT, X SASTRE, *Int J Cancer* 1991;48:533.

Local immunity and the uterine cervix—implications for cancer-associated viruses

JK ROCHE, CP CRUM, *Cancer Immunol Immunother* 1991;33:203.

Papillomavirus DNA replication

PF LAMBERT, *J Virol* 1991;65:3417.

Detection of human papillomavirus type-6 and type-11 E4 gene products in condylomata acuminata

DR BROWN, J BRYAN, M RODRIGUEZ, RC ROSE, DG STRIKE, *J Med Virol* 1991;34:20.

Detection and typing of multiple genital human papillomaviruses by DNA amplification with consensus primers

H YOSHIKAWA, T KAWANA, K KITAGAWA, M MIZUNO, H YOSHIKURA, A IWAMOTO, *Jap J Cancer Res* 1991;82:524.

Reduction of vector contamination in detection of human papillomavirus DNA using full-length genomic DNA probes

SN TABRIZI, AJ BORG, SM GARLAND, *J Virol Methods* 1991;32:41.

Densitometric determination of human papillomavirus DNA quantities by chromatoscanning in the fluorescent mode

M CHINAMI, K YUGE, H HACHISUKA, E TANIKAWA, M GOTO, Y OHTSU, Y SASAI, M SHINGU, *J Virol Methods* 1991;32:101.

Viral transcription in human keratinocyte cell lines immortalized by human papillomavirus type-16

M ROHIFS, S WINKENBACH, S MEYER, T RUPP, M DURST, *Virology* 1991;183:331.

Biochemical and biological differences between E7 oncoproteins of the high-risk and low-risk human papillomavirus types are determined by amino-terminal sequences

K MUNGER, CL YEE, WC PHEKPS, JA PIETENPOL,

HL MOSES, PM HOWLEY, *J Virol* 1991; 65:3943.

Loss of HPV-16 E7 dependence in cells transformed by HPV-16 E7 plus EJ-ras correlates with increased c-myc expression

D PIM, L BANKS, *Oncogene* 1991;6:589.

A public T-helper epitope of the E7 transforming protein of human papillomavirus-16 provides cognate help for several E7 B-cell epitopes from cervical cancer-associated human papillomavirus genotypes

RW TINDLE, GJP FERNANDO, JC STERLING, IH FRAZER, *Proc Nat Acad Sci USA* 1991; 88:5887.

Expression of RB and p53 proteins in HPV-positive and HPV-negative cervical carcinoma cell lines

D WREDE, JA TIDY, T CROOK, D LANE, KH VOUSDEN, *Mol Carcinogen* 1991;4:171.

Cervical cytology and colposcopy

Cervical samplers

M WOLFENDALE, *BMJ* 1991;302:1554.

Colposcopic evaluation of human immunodeficiency virus seropositive women

M MAIMAN, N TARRICINE, J VIEIRA, J SUAREZ, E SERUR, JG BOYCE, *Obstet Gynecol* 1991;78:84.

Lesion size and histology of atypical cervical transformation zone

MI SHAFI, CB FINN, DM LUESLEY, *Br J Obstet Gynaecol* 1991;98:490.

Is large loop excision of the transformation zone (LLETZ) more accurate than colposcopically directed punch biopsy in the diagnosis of cervical intraepithelial neoplasia

DT HOWE, AC VINCENTI, *Br J Obstet Gynaecol* 1991;98:588.

Pattern of treatment failure following laser for cervical intraepithelial neoplasia—implications for follow-up protocol

E PARASKEVAIDIS, L JANDIAL, EMF MANN, PM FISHER, HC KITCHENER, *Obstet Gynecol* 1991;78:80.

Other sexually transmitted diseases

Hepatitis-C virus—evidence for sexual transmission

RS TEDDER, RJC GILSON, M BRIGGS, C LOVEDAY, CH CAMERON, JA GARSON, GE KELLY, IVD WELLER. *BMJ* 1991;302:1299.

Epidemiology of scabies—the new epidemic

NH COX, WD PATERSON, *Lancet* 1991; 337:1547.

Community control of scabies

C HENDERSON, *Lancet* 1991;337:1548.

An outbreak of molluscum contagiosum in a Kibbutz

B OREN, SO WENDE, *Infection* 1991;19:159.

Rectal lymphogranuloma venereum in a bisexual patient

RC GHINSBERG, E FIRSTETERGILBURD, A MATES, Y NITZAN, *Microbiologica* 1991;14:161.

Public health and social aspects

Sexual behaviour in Scottish prisons

KG POWER, I MARKOVA, A ROWLANDS, KJ MCKEE, PJ ANSLOW, C KILFEDDER, *BMJ* 1991;302:1507.

Prevention of sexually transmitted diseases—a randomised community trial

L MEYER, N JOBSPIRA, J BOUYER, E BOUVERT, A SPIRA, *J Epidem Commun Health* 1991; 45:152.

Microbiology and Immunology

Control of the microbial flora of the vagina by H₂O₂-generating lactobacilli

SJ KLEBANOFF, SL HILLIER, DA ESCHENBACH, AM WALTERSDORPH, *J Infect Dis* 1991; 164:94.

Dermatology

Smooth muscle tumours of the external genitalia—clinicopathological analysis of a series

PL NEWMAN, CDM FLETCHER, *Histopathology* 1991;18:523.

Alveolar rhabdomyosarcoma of the vulva—report of two cases

M IMACHI, N TSUKAMOTO, T KAMURA, T SHIGEMATSU, K FUNAKOSHI, H NAKANO, *Acta Cytol* 1991;35:345.

Miscellaneous

Excretion of the Epstein-Barr virus from the genital tract of men

V ISRAELE, P SHIRLEY, JW SIXBEY, *J Infect Dis* 1991;163:1341.

Failure to deliver hepatitis-B vaccine—confessions from a genitourinary medicine clinic

M BHATTI, RJC GILSON, M BEECHAM, P WILLIAMS, MP MATTHEWS, RS TEDDER, IVD WELLER, *BMJ* 1991;303:97.

Immunization against urinary tract infection with a multi-valent vaginal vaccine

DT VEHLING, LJ JAMES, WJ HOPKINS, E BALISH, *J Urol* 1991;146:223.

The mysterious urethral syndrome

W BRUMFITT, JMT HAMILTON MILLER, WA GILLESPIE, *BMJ* 1991;303:1.

Vulvodynia and selective IgA deficiency—case reports

F SCRIMIN, C VOLPE, G TRACANZAN, RG TOFFOLETTI, F BARCIULLI, *Br J Obstet Gynaecol* 1991;98:592.

Streptococcus-pyogenes vulvovaginitis in children in Nottingham

JE DONALD, RCB SLACK, G COLMAN, *Epidemiol Infect* 1991;106:459.

Current concepts—management of abnormal genital bleeding in girls and women

BD COWAN, JC MORRISON, *N Engl J Med* 1991;324:1710.

Priapism as a manifestation of isolated genital vasculitis

S LAKHANPAL, JT LIE, RE KARPEN, LE ANDERSON, SB COHEN, RM FLEISCHMANN, *J Rheumatol* 1991;18:902.