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History of STDs

The Internet Letters

370 The XI International AIDS Conference in Vancouver: perspectives from epidemiology and public health K Fenton

374 The history of non-gonococcal urethritis J D Oriol

380 Genitourinary medicine and The Internet No 2 R K W Lau

382 High alcohol intake and slow progression to AIDS V Soriano, J Castilla, J Gonzalez-Lahoz, R Martin, F Bru, J Del Romero

382 Dietary intervention in HIV: a comparison of patients receiving oral, enteral and parenteral nutrition H Hewls, A J Palfreeman, M J Wiselka

383 The "Kumasi modified" two glass urine test and urinary schistosomiasis Yaw Adu-Sarkodie

384 Reasons for condom failure among chalmydia infected patients attending a department of genitourinary medicine in Copenhagen Hanne Sorensen, Aase Harner Venegas, Carsten Sand Petersen

Matters arising

386 Why do patients default from follow up at a genitourinary clinic? C Thompson, J D Ross

387 Prevention and management of tuberculosis in HIV positive patients S P Higgins, N T Bateman

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BOOK REVIEW

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 15% to the value of the order 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.


This is volume 24 of the Current Problems in Dermatology series—and the level of some of the articles reflects this. It is formatted as a series of review articles on selected topics, split into the following categories: 1. Advances in diagnosis, 2. Advances in treatment, 3. New substances and methods.

The individual articles vary greatly in the amount of detail, some clearly expounding current research (up to 1994 when the articles were submitted) whilst others are too brief. However, it is well referenced and does provide readable précis on assorted topics.

When read as a whole there is a feeling of déjà vu as each section is a separate entity and there is repetition of background information. An example of this are the reviews on Genital Herpes (in: Advances in treatment), Aciclovir and its 1-oatyl ester, valaciclovir and Use of penciclovir and foscarnet in the management of genital herpes (both in: New substances and methods).

Overall the book is well produced with 34 figures and 50 tables, including WHO and CDC treatment guidelines for some conditions. Some articles are more readable than others, depending on the quality of written English and the amount of detail included. Occasional queries arise, such as the relevance of a treatment schedule for coccidioidomycosis in pregnancy when the use of zidovudine in pregnancy is only briefly mentioned, and why laser treatment has been tried in genital herpes. I feel that this book is good to dip into and is well referenced but will probably become outdated quite rapidly.

SARAH EDWARDS

NOTICES

The Liverpool course for the Diploma in Genitourinary Medicine and Venereology 1997 January to March 1997 (12 weeks)
This is a full-time postgraduate course intended for all doctors wishing to gain a theoretical and practical knowledge of genitourinary medicine leading up to the examination for the Diploma in Genitourinary Medicine and Venereology of the University of Liverpool, held in March 1997.

Fees for tuition and examination (subject to revision): Home and EEC: £623; Overseas: £3,613. Early application is advised. Application form may be obtained from: The Secretary to the Course in Genitourinary Medicine and Venereology, University of Liverpool, Dept of Medical Microbiology and GU Medicine, Duncan Building, Daulby Street, Liverpool L69 3BX, UK.

Information from 69/73 avenue du Général Leclerc, BP 304-92102 Boulogne-France.

Second European Forum on Quality Improvement in Health Care 24-26 April 1997. Paris, France
The forum will consist of one day teaching courses, invited presentations, posters and presentations selected from submissions and a scientific session.
For more information contact:
BMA, Conference Unit, PO Box 295, London, WC1H 9TE. Tel: +44 (0) 171 383 6478 Fax: +44 (0) 171 383 6869.

CORRECTIONS

In the paper by Stephenson and Williams *I rifabutin prophylaxis against Mycobacterium avium complex infection in HIV infection worthwhile? (Genitourin Med 1996;72:272-6) there was an error in Table 3. The number needed to treat (NNT) should be:

$$\frac{1}{X_{1} - X_{0}} \times 100$$

13th World Congress of Sexology "Sexuality and Human Rights" 25-29 June, 1997, Valencia, Spain

The University of Sydney
Department of Public Health, Faculty of Medicine

MASTER OF MEDICINE (Sexual Health)
one year full time, two years part-time

Applications are invited from medical graduates for enrolment in this unique course, which offers an integrated approach to Sexual Health, STDs, and HIV infection. Core units include:
*Clinical and diagnostic sciences
*Epidemiology, statistics, and health promotion
*Research methodology
*International cross-cultural, and sociological issues

Coursework begins in February, 1997 Application forms and prospectus are available from Ms Kim Hutchinson, Dr Melinda Tenant-Flowers or Professor Adrian Mindel, Academic Unit of Sexual Health Medicine, Sydney Hospital, GPO Box 1614, Sydney NSW 2001, Australia. Tel: + 61 (2) 9382-7420. Fax: + 61 (2) 9382-7425. E-mail: psweeney@extro.ucc. su.oz.au. Closing date: 30 November, 1996.
Gonorrhoea

Pyomyositis as the sole manifestation of disseminated gonococcal infection: case report and review

Gonococcal endocarditis

Characteristics of gonococci isolated from men with urethritis in Dubai

Sequential action of factors involved in natural competence for transformation of Neisseria gonorrhoeae

Detection of quinolone-resistant Neisseria gonorrhoeae

Gonococcal susceptibility to antimicrobials in Baltimore, 1988–1994: what was the impact of ciprofloxacin as first-line therapy for gonorrhoea?

Auxotypes and serogroups of tetracycline-resistant Neisseria gonorrhoeae isolated in Malaysia

Prevalence of fluorescent monoclonal antibody-nonreactive Neisseria gonorrhoeae in five North American sexually transmitted disease clinics

Chlamydia

Prevention of pelvic inflammatory disease by screening for cervical chlamydial infection

Screening for chlamydia—a key to the prevention of pelvic inflammatory disease

Selective screening versus presumptive treatment criteria for identification of women with chlamydial infection in public clinics, New Jersey

The vaginal introitus: a novel site for Chlamydia trachomatis testing in women

Declining prevalence of chlamydial infection among adolescent girls

Diagnosis of Chlamydia trachomatis infections in asymptomatic men and women by PCR assay

Diagnosis by Amplicor PCR of Chlamydia trachomatis infection in urine samples from women and men attending sexually transmitted disease clinics

Diagnosis of Chlamydia trachomatis infection in high-risk females with PCR on first void urine

Detection of Chlamydia trachomatis by a ligase chain reaction amplification method

Evaluation of the sensitivity and specificity of a ligase chain reaction test kit for the detection of Chlamydia trachomatis

Analytic performance and contamination control methods of a ligase chain reaction DNA amplification assay for detection of Chlamydia trachomatis in urogenital specimens

Comparison among performances of a ligase chain reaction-based assay and two enzyme immunoassays in detecting Chlamydia trachomatis in urine specimens from men with nongonococcal urethritis

A model of genital Chlamydia trachomatis infection using human xenografts in severe combined immunodeficiency mice

Mechanical mechanism of T-cell control of chlamydia in mice: role of nitric oxide in vivo
JU IGIESEMM. Immunology 1996;88:1–5.

The 18-kDa lectin-binding of Chlamydia trachomatis is different from the 18-kDa histidine-like protein

Candidiasis

Is vulvovaginal candidiasis an AIDS-related illness?

Candida glabrata: in vitro susceptibility of 84 isolates to eight antifungal agents

Bacterial vaginosis

Evaluation of a rapid diagnostic test for bacterial vaginosis

The preterm prediction study: fetal fibronectin, bacterial vaginosis and prepartum infection

Trichomoniasis

An incremental dosing protocol for women with severe vaginal trichomoniasis and adverse reaction to metronidazole

In vitro effect of tinidazole and furazolidone on metronidazole-resistant Trichomonas vaginalis

Pelvic inflammatory disease

Laboratory evaluation of acute upper genital tract infection
Further characterization of the potent and prolonged inhibition of herpes simplex virus replication in human cell lines by penciclovir


Detection of a transforming fragment of herpes simplex virus type 2 in clinical specimens by PCR


Differences in the susceptibility of herpes simplex virus types 1 and 2 to modified heparin compounds suggest serotype differences in viral entry


Immunohistochemical studies on the transneuronal spread of virulent herpes simplex virus type 2 and its US3 protein kinase-deficient mutant after ocular inoculation


The interferon-α responses of mice to herpes simplex virus studied at the blood and tissue level in vitro and in vivo


Locations of herpes simplex virus type 2 glycoprotein epitopes recognized by human serum immunoglobulin G antibodies


Human papillomavirus infection

Medical progress: cancer of the uterine cervix


Screening for cervical intraepithelial neoplasia grade 2/3: validity of cytologic study, cervicography and human papillomavirus detection


HPV testing in patients with low grade cervical cytological abnormalities: a follow-up study


Cellular immunity against human papillomavirus associated cervical cancer


Control of HPV replication: implications for squamous neoplasia


Papillomavirus oncoproteins as vaccine candidates


Transforming proteins of human papillomaviruses


A recombinant vaccinia virus encoding human papillomavirus types 16 and 18, E6 and E7 proteins as immunotherapy for cervical cancer


Human papillomavirus DNA after treatment of cervical dysplasia: low prevalence in normal cytologic smears


Association between human papillomavirus type and clonal status of cervical squamous intraepithelial lesions


Coxonization for cervical intraepithelial neoplasia is followed by disappearance of human papillomavirus deoxyribonucleic acid and a decline in serum and cervical mucus antibodies against human papillomaviruses antigens


Cancer-associated human papillomavirus types are selectively increased in the cervix of women in the first trimester of pregnancy


Decreased serum retinol levels in women with cervical dysplasia


Proliferative T cell responses to human papillomavirus type 16 L1 peptides in patients with cervical dysplasia


HIV-1, HIV-2, human papillomavirus infection and cervical neoplasia in high-risk African women


Prostitution, condom use and invasive squamous cell cervical cancer in Thailand


Seropositivity to human papillomavirus types 16, 18 or 33 capsids and to Chlamydia trachomatis are markers of sexual behaviour


Comparison of development of serum antibodies to HPV16 and HPV33 and acquisition of cervical HPV DNA among sexually experienced and virginal young girls: a longitudinal cohort study


Human papillomavirus type 16 in infants: use of DNA sequence analyses to determine the source of infection


Human papillomavirus deoxyribonucleic acid and ribonucleic acid in seminal plasma and sperm cells


Rare association of human herpesvirus 6 DNA with human papillomavirus DNA in cervical smears of women with normal and abnormal cytology


Cimetidine therapy for warts: a placebo-controlled, double-blind study

Topical 5-fluorouracil in the treatment of cervical human papillomavirus infection


Selective photosensitizer distribution in vulvar condyloma acuminatum after topical application of 5-aminolevulinic acid


p53 mutations and clonality in vulvar carcinomas and squamous hyperplasias: evidence suggesting that squamous hyperplasia do not serve as direct precursors of human papillomavirus-negative vulvar carcinomas


Pseudobenowenoid vulvar change: untreated condyloma acuminatum?


Bilateral primary ovarian squamous cell carcinoma associated with human papillomavirus infection and vulvar and cervical intraepithelial neoplasia: a case report with review of the literature


Human papillomavirus DNA in uterine cervix squamous cell carcinoma and adenocarcinoma detected by polymerase chain reaction


Serum antibodies to HPV 16 virus-like particles are not associated with penile cancer in Chinese males


Frequent association of human papillomavirus 16 and 18 DNA with anal squamous and basaloid carcinoma


Molecular analysis of cellular loci disrupted by papillomavirus 16 integration in cervical cancer: frequent viral integration in topologically destabilized and transcriptionally active chromosomal regions


A novel genital human papillomavirus, HPV 74, found in immunosuppressed patients


Two novel genital human papillomavirus types, HPV68 and HPV70, related to the potentially oncogenic HPV39

M LONGUET, S BEAUDENON, G ORTH. J Clin Microbiol 1996;34:738-44.

Comprehensive study of several general and type-specific promoter pairs for detection of human papillomavirus DNA by PCR in paraffin-embedded cervical carcinomas


Assessment of the serological relatedness of genital human papillomaviruses by hemagglutination inhibition


Coincidental expression of E5a and c-Jun in human papillomavirus type 6/11-infect- ed condylomata


Characterization of human papillomavirus-11 mRNAs expressed in the context of autonomously replicating viral genomes


Human papillomavirus type 16 E7 and major histocompatibility complex (MHC) class I and II expression in human keratinocytes in culture


Serum- and calcium-induced differentiation of human keratinocytes is inhibited by the E6 oncoprotein of human papillomavirus type 16


Genomic organization of human papillomavirus type 18 in cervical cancer specimens


Domains of the E1 protein of human papillomavirus type 33 involved in binding to the E2 protein


HLA-A2-restricted peripheral blood cytolytic T lymphocyte response to HPV type 16 proteins E6 and E7 from patients with neoplastic cervical lesions


Long-term culture and immortalization of epithelial cells from normal adult human pancreatic ducts transfected by the E6/E7 gene of human papilloma virus 16


High-risk human papillomavirus E6 protein has two distinct binding sites within p53 of which only one determines degradation


C/EBPB is a negative regulator of human papillomavirus type 11 in keratinocytes


Two amino acid residues confer specificity to a neutralizing, conformationally dependent epitope on human papillomavirus type 11


Detection of human papillomavirus type-16 DNA utilizing microtitre-plate based amplification reactions and a solid-phase enzyme-immunoassay detection system


Cervical cytology and colposcopy

The mildly abnormal cervical smear: patient anxiety and choice of management


Effect of smoking cessation on cervical lesion size


Estimating the efficacy of screening by auditing smear histories of women with and without cervical cancer


Early cervical neoplasia confirmed by cytology—diagnostic accuracy of cytology, colposcopy and punch biopsy


Can cervical cancer be prevented by a screen, screen and treat program? A pilot study


Observer variation in the assessment of adequacy and neoplasia in cervical cytology


Bethesda classification of cervicovaginal smears: reproducibility and viral correlates


The unique and cytobrush plus spatula for cervical cytologic sampling—a comparison


Telecytology: diagnostic accuracy in cervicovaginal smears


Automated screening of cervical cytology specimens


The effect of directed biopsy on the atypical cervical transformation zone: assessed by digital imaging colposcopy


The suitability of DNA cytometry for the prediction of the histological diagnosis in women with abnormal cervical smears


Papnet-directed rescreening of cervicovaginal smears: a study of 101 cases of atypical squamous cells of undetermined significance


MIB1, a promising marker for the classification of cervical intraepithelial neoplasia


Immunocytochemical detection of squamous intraepithelial lesions in cervical smears

Langerhan's cells and L1 antigen expression in normal and subnormal squamous epithelium of the cervical transformation zone

WAI POPPE, M DRIJKONINGEN, PS IDE, et al.

Other sexually transmitted diseases

A comparative study of two different regimens of sparfloxacin versus doxycycline in the treatment of non-gonococcal urethritis in men

J PHILLIPS, C DIMAN, D BARLOW, et al.

Negative chlamydial CF test but highly positive EIA in a patient with lymphogranuloma venereum

R GRUBER, R STETS, JR BOGNER, et al.

A history of detection of Haemophilus ducreyi, 1889-1979

GW HAMMOND.

Evaluation of humoral and cell-mediated inducible immunity to Haemophilus ducreyi in an animal model of chancroid

M DESJARDINS, KG FJILSON, S ROBERTSON, et al.

Haemophilus ducreyi hemolysin acts as a contact cytotoxin and damages human foreskin fibroblasts in cell culture

MJ ALPA, P DEGAGNE, PA TOTTEN.

Public health and social aspects

Sexual mixing patterns of patients attending sexually transmitted diseases clinics

GP GARNETT, JP HUGHES, RM ANDERSON.

The relationship between pregnancy and sexual risk taking

TE WILSON, H MINKOFF, S MCCALLA, et al.

Casual sex, extramarital sex, condom use and alcohol intake among heterosexual patients attending and STD clinic in Norway

KS TEVET, A NYFORS, A NILSEN.

Epidemiologic risk factors for incident sexually transmitted diseases in young Thai men

DD CELENTANO, KE NELSON, S SUPRASERT, et al.

Use of spermicide and impact of prophylactic condom use among sex workers in Santa Fe de Bogota, Colombia

G FARR, LAA CASTRO, R DISANTOSTEFANO, et al.

Microbiology and Immunology

Experimental genital mycoplasmasom: time of infection influences pregnancy outcome

MB BROWN, DA STEINER.

Failure to detect Mycoplasma fermentans, Mycoplasma penetrans or Mycoplasma pitt in the urethra of patients with acute nongonococcal urethritis

T DIGUCHI, CB GILROY, D TAYLOR ROBINSON.

Colonization in the rectum and uterine cervix with group B streptococci may induce specific antibody responses in cervical secretions of pregnant women

K HORDNES, T TYNNING, AI KVAM, et al.

Induction of immunoresponse by subclinical male tract infection

W EUGERTKUZE, S PROGET, G ROHR, et al.

Dermatology

Vulvar intraepithelial neoplasia: long term follow up of treated and untreated women

JD HEROD, MI SHAPI, TP ROLLASON, et al.

Vulvar intraepithelial neoplasia with superficially invasive carcinoma of the vulva

JD HEROD, MI SHAPI, TP ROLLASON, et al.

Ultrastructural study of the epithelium of the normal human vulva

P SARGEANT, R MOATE, J HARRIS, GD MORRISON.

Behcet's disease—report of twenty-five patients from the United States with prominent mucocutaneous involvement

JC MANDELSDORF, WE WHITE, IL JORISSO.

Angiomyofibrolastsoma of the vulva and vagina

GP NIELSEN, AE ROSENBERG, RH YOUNG, et al.

Miscellaneous

Editorial: Family planning, sexually transmitted diseases and the prevention of AIDS—divided we fail?

J STEIN.

Profile of callers to the Center for Disease Control and Prevention national sexually transmitted disease hotline

MS NEUMANN.

Possible sexual transmission of Q fever among humans

D KRUSEWSKA, K LEMBOWICZ, S TYLEWSKAIERZBA.

Parasitic infection of the penis

R MEYER, J NOSAMCHUK.

Translational sonography in evaluating the lower female urogenital tract—pictorial essay

O MARTIENSON, M DUCKE.

Molecular detection of bacterial DNA in venereal-associated arthritis

FL LI, R BULBUS, HR SCHUMACHER, et al.

Successful treatment of Behcet disease with pentoxifylline

K YASUI, K HOFA, M KOBAYASHI, et al.

Transurethral microwave therapy for nonbacterial prostatitis: a randomized double-blind sham controlled study using new prostatitis specific assessment questionnaires

JC NICKEL, R SORENSSEN.

Topical treatment of erectile dysfunction: randomised double blind placebo controlled trial of cream containing aminophylline, isosorbide dinitrate and co-drogenic mesylate

AG GOMAE, M SHALABY, M OSMAN, et al.

Treatment of recurrent urethral strictures—editorial

E MILROY.

Comparative in-vitro activity of sparfloxacin against genital pathogens

EJ PEREZ, J AZNAR, M García, LASIETAS, A PASCUAL.

Aphthous vaginal ulceration in two women with acquired immunodeficiency syndrome

P SCHUMAN, C CHRISTENSEN, JD SOBEL.

Vaginal douching and reduced fertility

DI BAGR, CR WEINBERG, LR VOGT, JR DALING.

Comparison of spermicides on vaginal, cervical and vaginal mucosa

AN thanking, H LEVINE, H SANGHAIHFEYH, ML FRANK, et al.

Does additional lubrication reduce condom failure?

MJ GABAY, C GIBBS.

Why are there only two sexes?

LD HURST.
Proc R Soc London 1996;263:

Current publications