Successful treatment of recalcitrant condyloma with topical cidofovir

Editor—Despite the high prevalence of condyloma acuminata, their treatment remains unsatisfactory for both patients and physicians. Epidemiological studies estimated the prevalence of genital warts between 1–3% with a peak occurring in young adults. As a consequence, the economic burden of human papillomavirus (HPV) infection in the United States is estimated to exceed $8.5 billion per year. Current treatments rely on the ablation of warts (cryotherapy, laser vaporisation, electrodissection, or trichloroacetic acid) or the interruption of cell division (podophylox, intralesional or systemic interferon, and 5-fluorouracil). Recently, imiquimod has been successfully used as a topical immune response modifier for the treatment of external anogenital warts. However, there remains a substantial number of patients who fail to respond to traditional and newer drugs. We report on such a patient with recalcitrant condylomata acuminata on the glans and shaft of the penis who was successfully treated using the novel virustatic cidofovir as a 1.5% gel.

A 48 year old man with a 2½ year history of condylomata acuminata had received laser treatment, podophylox, and imiquimod. The patient's history was remarkable for diabetes treatment, podophylox, and imiquimod. The condition may occur at younger ages. Men with bladder carcinoma typically present with painless haematuria, in a subgroup of patients they cause other urinary symptoms that may produce diagnostic confusion. We identified five patients who were referred to the genitourinary medicine service, and who were found to have bladder carcinoma (see table 1). For the patients presented to the genitourinary medicine department at High Wycombe (5500 new attendances per annum) between 1991 and 1998; the fifth patient presented to the Oxford genitourinary medicine department (9000 new attendances per annum) in 1997. None of the patients had an occupational history that placed them at higher risk for bladder cancer.

Figure 1 Condylomata acuminata with some lesions in the coronary sulcus having a more verruciform appearance.

Letters to The Editor

Bladder carcinoma presenting to genitourinary medicine departments

Editor—Large numbers of patients are seen in departments of genitourinary medicine with symptoms suggesting lower urinary tract inflammation of the genitourinary tract. Although bladder neoplasms typically cause painless haematuria, in a subgroup of patients they cause other urinary symptoms that may produce diagnostic confusion. We identified five patients who were referred to the genitourinary medicine service, and who were found to have bladder carcinoma (see table 1). For the patients presented to the genitourinary medicine department at High Wycombe (5500 new attendances per annum) between 1991 and 1998; the fifth patient presented to the Oxford genitourinary medicine department (9000 new attendances per annum) in 1997. None of the patients had an occupational history that placed them at higher risk for bladder cancer.

Men with bladder carcinoma typically present in later life (median age = 70 years), but the condition may occur at younger ages. A subgroup of patients develop frequency, urgency, and dysuria—symptoms usually associated with bladder infection. Rarely, penile and perineal pain mimicking prostatitis may be a presenting feature, as in patients 3 and 4, who have been described in more detail elsewhere. Non-specific urethritis (NSU) is diagnosed commonly in genitourinary medicine clinics in men of all ages. In this series, patient 2 was referred with presumed NSU, and patient 4 had attended previously with a diagnosis of NSU. 2 years before the bladder cancer was diagnosed (at that time there were 5–10 white cells/high power field (<1000) on a urethral smear, and a chlamydia ELISA test and cultures for Neisseria gonorrhoeae were negative; no haematuria was detected). Both patients were subsequently noted to have neoplastic infiltration in the bladder neck area and prostatic urethra. In all five cases a decrease of persistent microscopic haematuria was noted at presentation; in patient 4 this was never greater than a trace on dipstick testing. Patient 1 reported intermittent painless macroscopic haematuria at presentation; he was referred by his general practitioner with suspected
Atrial myxoma is a rare tumour that is considered to be benign although recurrence and metastases have been described. The patient was diagnosed with asymptomatic HIV infection in February 1987 when she was 50 years old. Her CD4 count was 700 × 10^6/l at this time. HIV infection was acquired through heterosexual activity with a bisexual male partner. In December 1990 the CD4 lymphocyte count had fallen to 190 × 10^6/l and zidovudine monotherapy was started. This was continued until 1996 when she was prescribed a combination regimen. Co-trimoxazole was given for Pneumocystis carinii prophylaxis, but the patient deferred starting this until December 1992. In February 1992 the patient was admitted to hospital with an acute myocardial infarction which was successfully thrombolysed. Fasting lipids were within the normal range. There were no cardiac risk factors apart from smoking.

In September 1995 the patient experienced a syncopal episode. An echocardiogram revealed a mass in the left atrium consistent with a left atrial myxoma. A coronary angiogram revealed no coronary disease. An echocardiogram carried out in 1996 confirmed the presence of the myxoma.

In December 1995 the patient’s CD4 count was 64 × 10^6/l, but apart from oral candidiasis there had been no HIV related problems since diagnosis. Two leading UK HIV physicians were asked if they considered surgery to be advisable. They estimated the patient’s likely survival from HIV disease to be 1–4 years. The risks of major heart surgery had to be balanced against the likelihood of recurrent symptoms from the myxoma in the next 1–4 years. The patient and her physician agreed to proceed with surgery.

On 4 December 1995 the patient underwent surgical resection of a pedunculated left atrial mass. Histological examination confirmed a benign atrial myxoma. The procedure was uncomplicated and she was discharged from hospital 4 days later. Annual cardiac review including an echocardiogram has shown no evidence of recurrence up to the present time. She remains free from cardiovascular symptoms. Her HIV disease is managed with combination therapy that consists of stavudine, lamivudine, and efavirenz. Current CD4 count is 564 × 10^6/l and viral load less than 50 copies/ml (Chiron bDNA v3.0).

Atrial myxoma is a rare tumour that is considered to be benign. Although recurrence and metastases have been described, the myxoma is a malignancy that can recur in the absence of the myxoma. The evidence associating bacterial vaginosis with oral sex is too strong to be ignored. The mouth is full of Gram positive and Gram negative organisms including Bacteroides oralis and, albeit in much smaller quantities, lactobacilli. These organisms are part of normal flora in the mouth, but are they normal to the vagina? Might the tiny amount of lactobacilli be enough to act as a phage which destroys the microbial flora?...
endogenous healthy vaginal lactobacillus? In an interesting hypothesis, Blackwell described the possible effect of biochemical and microbial abnormalities in the vagina on BV recurrence.1 It also quoted Berger’s description of concordant vaginal floras in lesbian couples, suggestive of a mechanical transfer of an infectious agent.2 Is it not possible for mouth organisms or hostile salivary enzymes to induce biological and microbial abnormalities in this area? Furthermore, mechanical transfer of infectious agents in lesbian couples is most likely to occur via cunnilingus, a not uncommon practice among lesbians.

Cunnilingus is a common fact of sexual life. The dynamics of this practice vary considerably. If association between BV and oral sex is ever confirmed, would the degree of tongue penetration be a factor and should it be incorporated in the aetiology equation? Further and more extensive studies are certainly indicated.

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Correspondence to: Dr Tchamouff


Accepted for publication 25 February 2000

Is partner notification in the public interest?

EDITOR,—This ethical debate ‘calls for comment. Why did the clinicians only suspect AIDS? Surely at the second attendance the diagnosis was clinically obvious. As well as continuing treatment of candidiasis and starting prophylaxis of Pneumocystis carinii pneumonia, was not treatment for AIDS indicated? For fear of court proceedings a specimen of blood untested or surplus to routine haematological tests could have been stored to confirm, if necessary, the clinical diagnosis. A perspicacious defence lawyer could make much of this in terms of doctor thoroughness, cautiousness, and thoughtfulness—on behalf of his client.

In terms of contact tracing the word “disclosure” occurs repeatedly. Surely the first thing an index case is told when his/her cooperation is sought is that under no circumstances will their name be divulged. The contacts, when attending, will be refused any information regarding who has named them and immediately assured that the same confidentiality will be maintained if their cooperation is called for in the contact tracing process.

Only when it becomes widely known in a clinic that such confidentiality is thoroughly pursued will counterproductive fears be eliminated. With understanding and cooperation it can be done.

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Sexual partner reduction and HIV infection

EDITOR,—We recently conducted a national urban random sample survey of 1400 men of sexually active status in the Dominican Republic to measure possible change in sexual behaviour. This sexual behaviour change (SBC) survey was prompted by results from the 1996 demographic and health survey, which found that 84.8% of a national random sample of Dominican men claimed that they had changed their behaviour in some way because of their fear of, or concern about, AIDS. The proportion of respondents reporting behaviour change such as becoming monogamous or reducing their number of sexual partners was about triple the proportion reporting condom adoption. In our SBC survey, 79% of respondents claimed to have changed behaviour because of concern about AIDS. A majority (52.2%) said they had become monogamous or reduced their number of sexual partners. This was followed by condom adoption (14.6%), only having sexual relations with a person they know (13.9%); avoiding relations with “prostitutes” (9.0%); or becoming abstinent (1.6%). A small proportion (2.8%) had not yet begun to have sexual relations. As with the Dominican DHS findings, we see that most answers are classifiable as behaviour change, as distinct from condom adoption. This follows a pattern found in recent studies in countries such as Uganda and Zambia. A recent review of findings from behavioural change surveys in 16 countries in Africa, Latin America, and the Caribbean shows that partner reduction is more often reported than condom adoption.1 If sizeable numbers of men reduce their number of sexual partners, can this have significant impact on HIV infection rates? Urban HIV seroprevalence among the general or low risk Dominican population seems to have stabilised at the 1.0–2.0% level since 1995, according to the US Census Bureau. Recent studies that have modelled the impact of different interventions on HIV infection rates in east Africa suggested that reduction in number of partners can have a great impact on averting HIV infections, in fact greater than either condom use or treatment of STDs.1 Of course, impact of partner reduction on HIV infection rates would be especially strong where there is relatively high HIV seroprevalence among potential partners. In view of these modelling studies as well as population based surveys such as the two cited from the Dominican Republic, perhaps there ought to be greater equity in resource allocation between HIV/AIDS prevention programmes promoting behaviour change—such as monogamy/fidelity or at least reduction of number and frequency of change of sex partners—and far more familiar programmes that promote and provide condoms.

EDWARD C GREEN
ALDO CONDE


Accepted for publication 25 February 2000

Features of AIDS and AIDS defining diseases during the highly active antiretroviral therapy (HAART) era, compared with the pre–HAART period: a case-control study

EDITOR,—To assess the features of AIDS defining illnesses during the HAART era versus those observed before the introduction of HAART, the characteristics of 72 consecutive patients diagnosed in 1996 were compared with those of 144 subjects randomly selected from the 436 patients diagnosed from 1985 to 1995, in a case-control study.

An impressive drop in AIDS diagnosis was seen shortly after the introduction of HAART, with only 38, 21, and 13 cases per 1000 patient years observed in 1997, 1998, and 1999 respectively, versus a mean frequency >60 cases per 1000 patient years, demonstrated during the pre-HAART period. This trend towards an increased incidence of female sex was shown in 1997–9 compared with 1985–95 (33.3% versus 27.1%), together with a rise of mean CD4 lymphocyte count (86.8 (SD 99.4) versus 72.1 (93.7) cells x10^3)’, while an increase in the mean patient age was highly significant (39.8 (8.3) versus 34.6 (7.7) years; p<0.0001). When considering the exposure to HIV infection, drug abuse became significantly less important in the HAART era (p<0.05), while heterosexual transmission was notably increased (34.7% versus 13.2% of cases; p<0.0003).

The distribution of AIDS defining disorders during the HAART era showed an tendency to a reduction in cytomegalovirus, cryptococcosis, mycobacteriosis, cryptosporidiosis, and HIV encephalopathy, while a relative increase in pneumocystis and mycobacteriosis, and Kaposis sarcoma were stable (table 1). However, while pneumocystis, Candida, non-Hodgkin’s lymphoma was found; neurotoxoplasmosis and Kaposis sarcoma were sevenfold more frequent in AIDS related events in both study periods, cytomegalovirus, HIV encephalopathy, cryptococcosis, and mycobacteriosis (which ranked fifth to eighth in

Table 1 BV prevalence results

<table>
<thead>
<tr>
<th></th>
<th>No of women</th>
<th>BV diagnosed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lesbians</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>17</td>
<td>6 (35%)</td>
</tr>
<tr>
<td>Practised receptive cunnilingus in previous 4 weeks</td>
<td>9</td>
<td>6 (67%)</td>
</tr>
<tr>
<td>Did not practise receptive cunnilingus in past 4 weeks</td>
<td>8</td>
<td>0</td>
</tr>
<tr>
<td><strong>Heterosexual women</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>256</td>
<td>55 (21%)</td>
</tr>
<tr>
<td>Practised receptive cunnilingus in previous 4 weeks</td>
<td>111</td>
<td>41 (37%)</td>
</tr>
<tr>
<td>Did not practise receptive cunnilingus in past 4 weeks</td>
<td>145</td>
<td>10 (7%)</td>
</tr>
</tbody>
</table>

1 Berger BJ, Kolton S, Zenilman JM, et al. Bacte-
frequency during the pre-HAART era, virtually disappeared after the introduction of HAART (28 versus four overall cases; p<0.007), together with cryptosporidiosis. Neoplasms and HIV related disorders (encephalopathy) and wasting syndrome showed a slightly increased frequency during the HAART era (16.8% and 9.2% during 1997–9, versus 13.2% and 7.9% respectively, during the pre-HAART period). A considerable increase in mean CD4+ count was found during the HAART era for all AIDS related illnesses considered, except neurotoxoplasmosis. However, this increase in CD4+ count was significant only for Candida (p<0.04), wasting syndrome (p<0.03), and tuberculosis (p<0.03), probably because of small patient samples. Only seven of the 72 patients who developed AIDS since 1997 (9.7%), were effectively treated with HAART for more than 3 months before diagnosis; in the remaining 65 cases HIV infection was detected concurrently with an AIDS defining event in subjects who were unaware of their condition (40 cases), or refused HAART or carried out it with poor adherence (25 patients).

Although a sharp decline in the incidence of multiple AIDS defining events was demonstrated with the introduction of HAART, the distribution of primary AIDS associated diseases showed limited modifications. An increased incidence of women, a higher patient age, a greater role for heterosexual transmission compared with injecting drug addiction, and a rise in CD4+ count were disclosed by us in the HAART era compared with the pre-HAART period. Appreciable modifications of the spectrum of AIDS associated illnesses were also observed during the HAART era (a drop of cytomegalovirusis, cryptococcosis, mycobacteriosis, cryptocoridiosis, and HIV encephalopathy, with a parallel increase in pneumocystosis, oesophageal candidiasis, wasting syndrome, tuberculosis (p<0.03), and non-Hodgkin’s lymphoma), together with a considerable trend towards an increased mean CD4+ count at diagnosis, as previously noted. Disorders which are directly or indirectly associated with HIV damage itself, AIDS related neoplasms, and opportunistic diseases occurring with a less profound immunodeficiency, show a substantially stable or even increasing incidence among newly diagnosed cases of AIDS. However, opportunistic diseases related to a severe immunodeficiency are still frequent among AIDS defining events, since the majority of cases identified during the HAART era occur in patients who are not aware of their disease, or fail HAART. Only early detection and aggressive treatment of HIV infection may definitively improve the epidemiology of AIDS; a continued surveillance of AIDS related disorders remains critical for the implementation of therapeutic and prophylactic strategies.

**BOOK REVIEWS**

**Hustling for Health. Developing Services for Sex Workers in Europe.** Pp 83; Price 10 euros. The European Network for HIV/STD Prevention in Prostitution (EUROPAP/TAMPEP). 1999. Contact Judith Kelvington/Helen Ward, Coordinating Centre, European Network for HIV/STD Prevention in Prostitution, Department of Epidemiology and Public Health, Imperial College School of Medicine, London W2 1PG (tel: 0207 594 3318; fax: 0207 402 2150; email: europap@ic.ac.uk). (Also available in nine other European languages (Danish, Finnish, Flemish, French, German, Greek, Italian, Portuguese, Spanish), and the full text (without illustrations) can be found online on the website (http://www.med.ic.ac.uk/dfhm/europap/hustling.htm).)

How do you begin to address the sexual health needs of commercial sex workers (CSWs)? Here you will find (most of) the answers. This immensely practical book is essential for those setting up an outreach service, or simply wishing to know more about commercial sex work. It is the outcome of a series of projects and workshops, written by providers of services to CSWs throughout Europe, and draws from the lessons learnt by these pioneering workers and clients. It is written with great clarity and frankness. The A4 layout is bold, imaginative, and attractive, with illustrations of promotional literature. Its European inclusiveness means that sadly it cannot be specific regarding, for example, the law as it applies to commercial sex. It does, however, give the broad framework within which providers must acquaint themselves whichever they work. It takes us through the steps; sources of funding, the scope of the service, useful contacts, where to make contact with CSWs, and so on. Importantly, in the current climate there are sections on evaluation and monitoring of the service, the legal and political context of the work, and dealing with the media. It stresses the heterogeneous nature of commercial sex workers whether male, female, or transsex, and the spectrum of commercial sex venues. Peer educator programmes are covered in some detail. There are fascinating pieces of practical advice—for example, cooperate with police, but don’t be identified too closely with law enforcement. Advising police of your outreach vehicle’s registration number may prevent you being stopped for kerb crawling! You can set up a flawless screening service and find only a few CSWs attend. The book reminds us middle class, health aware professionals that, for many, sexual health is not a priority. We are perplexed by, with the “indifference, hostility and self destructive behaviour”; that her next fix, a roof over her head, or the desire to have a baby might be more important to the CSW than the nebulous risk of HIV. Address some of these needs and you have the carrot to attract attention to and confidence in your service. The spin off is that clients can then benefit from STD screening and safer sex advice. Simply providing toilets and somewhere safe to have a cup of tea may be enough for some.

I would have liked to see a further reading list, but this book fulfils its remit excellently.

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**Children in Mind.** Pp 106; £20. London: Audit Commission, 1999. ISBN 186240-8. The Audit Commission, established in 1983, reports on a 2 year study of the specialist Child and Adolescent Mental Health Services (CAMHS) as provided by local authorities and NHS trusts. Local information has been processed centrally to generate facts and figures and comparative data.

“Venerable diseases are like the fine arts—it is pointless to ask who invented them.” (Voltaire, Dictionary of philosophy).

Sexually transmitted diseases (STDs) now rank among the top ten diseases for which adults in developing countries seek health care. The economic burden of STDs on both developed and developing countries is enormous. Infection with conventional STDs is a risk factor for transmission of infection with HIV, and therefore for the development and spread of the AIDS.

It is important that laboratory services are available to guide the clinician to the correct diagnosis and treatment of these conditions, and to give an accurate epidemiological picture of their prevalence in a particular community. But it is not to reason out how relevant populations and ensure optimal and economic use of available resources. Yet, the availability of both funds and technology varies widely between different settings.

This manual sets out to give comprehensive guidance on tests available and applicable to the level of expertise and funding available.

Nine chapters cover the major STDs, encompassing bacterial and viral infections, and under the umbrella of vaginitis in adults; trichomoniasis, candidiasis, and bacterial vaginosis. Each chapter begins with a brief description of the microbiology of the infective agent and the clinical spectrum of disease. The detail given is not consistent, being comprehensive for chancroid and granuloma inguinale, and surprisingly brief for HIV and chlamydia by way of contrast. Then follows a description of collection and transport requirements, and of techniques for diagnosis. The emphasis is on tests that are possible in a reasonably well equipped laboratory, and the possible uses of reference facilities. Tests that are suitable for use in the field are highlighted. An evaluation of sensitivity and specificity is also given. Other tests available in central or reference laboratories are mentioned in brief, usually with supporting references.

Two annexes cover media, reagents and stains, and details of equipment required to diagnose each condition. A third annex is an interesting table of which tests should be available at “peripheral,” “intermediate,” and “central” laboratories.

Overall, this manual is to be welcomed as an educational and reference source for medical microbiologists, technologists, and clinicians. However, I would recommend that the authors “road test” the manual to discover omissions in technical detail that would prevent the sole use of the manual in the field.

Indifferent colour reaction detracts from the quality of the text—for example, blue reactions appearing as red in the figure. For the next edition, a chapter on basic microscopic techniques and another on the general principles and interpretation of laboratory tests would provide useful introductions to an otherwise excellent publication.

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Facing HIV: A Resource for Primary Healthcare. Contributors: Annalisa Rossi, Margaret Allen, Sirrka-Lisa Nurkkala, Begona Gros, Cristina Martinez-Bueno. £29.38. East Lancashire Health Authority, South Lancashire Health Authority, University of Central Lancashire, The Faculty of Health, and The Centre for Learning Technologies at the University of Central Lancashire.

This is an interesting CD Rom which, gives a very personal guide to issues surrounding HIV—covering the experience of the patient, carer and healthcare professionals.

Four main sections cover the following areas: Living with HIV, Is HIV different? Loss, griefing and bereavement, Supporting people affected by HIV.

These areas are illustrated by short video clips and backed up by further information. Basic information is given about HIV treatment, the impact of diagnosis and of ill health, and other related topics. Unfortunately, the information about drug treatment is already outdated and there is no search facility.

The strength of this CD Rom is the view it gives of the emotional responses to HIV and AIDS by means of interactive tutorials. It is clear, concise, and up to date and has tutorials under the following headings: Overview, Biology of HIV, Natural history, Infections and malignancies, Epidemiology, Transmission and risk factors, Prevention, Diagnosis and monitoring, Women and children, Management, Social and psychological issues.

Each tutorial is self contained (which does lead to some duplication) and has self assessment questions—usually with click and drag matching of statements or true/false boxes. The information itself is well illustrated and contains animations and a video clip, together with further information/annotations in pop up boxes. At the end of each section there is a set of summary points, a reading list, and further activities such as internet sites.

There is a searchable picture index which allows you to search, view, and save sets of images for reference and lectures (although copyright does apply), and a glossary of terms.

Overall this is an excellent CD Rom providing good information, presented in an attractive and usable way, with a wealth of illustrations. I would strongly recommend it.

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NOTICES

9th International Congress on Infectious Diseases, 9–12 April 2000, Buenos Aires, Argentina
Further details: International Society for Infectious Diseases, 181 Longwood Avenue, Boston, MA 02115, USA (tel: (617) 277-0551; fax: (617) 731-1541; email: isidbox@aol.com).

Sexually Transmitted Diseases in a Changing Europe, 14–15 April 2000, Rotterdam, The Netherlands
Further details: Mediscon, Organisation for Medical Congresses, PO Box 113, 5660 AC Gouda, Netherlands (tel: +31-(0)40-2852212; fax: +31-(0)40-2851966; email: MEDISCON@IAEhvn.nl).

20th Scientific Conference of Venereological Section of the Polish Society of Dermatologists, Białystok, 28–30 April 2000
The conference will be on epidemiological and clinical aspects of sexually transmitted infections. Further details: Dept Dermatology and Venereology, Sw Rocha 3, 15-879 Białystok, Poland (tel/fax: (085) 7422778; email: bozychod@amb.ac.bialystok.pl).

Joint meeting of the MSSVD and the ASTDA, 3–7 May 2000, Baltimore Marriott Inner Harbor Hotel, Baltimore, Maryland, USA
Further details: Dr Keith Radcliffe, honorary assistant secretary, MSSVD (fax: +44(0) 121-237 5729; email: k.w.radcliffe@bham.ac.uk).

Imperial College School of Medicine, Division of Paediatrics, Obstetrics, and Gynaecology, Advanced Course in Fetal Medicine, 22–24 May 2000
Further details: Symposium Office, Imperial College School of Medicine, Queen Charlotte’s and Chelsea Hospital, Goldhawk Road, London W6 0XG (tel: 020 8383 3904; fax: 020 8383 8555; email: symprog@ic.ac.uk).

Imperial College School of Medicine, Division of Paediatrics, Obstetrics, and Gynaecology, Advanced Course for Obstetricians and Gynaecologists, 19–23 June 2000
Further details: Symposium Office, Imperial College School of Medicine, Queen Charlotte’s and Chelsea Hospital, Goldhawk Road, London W6 0XG (tel: 020 8383 3904; fax: 020 8383 8555; email: symprog@ic.ac.uk).

Australasian Sexual Health Conference, Ven Troppro, Carlton Hotel, Darwin, Northern Territory, 21–24 June 2000
Further details: Shirley Corley, Conference manager, Dart Associates, PO Box 781, Lane Cove, 2066 NSW, Australia (tel: 02 9418 9396/97; fax: 02 9418 9398; email: dartconvm@mpx.com.au).

Imperial College School of Medicine, Division of Paediatrics, Obstetrics, and Gynaecology, Caring for Sexuality in Health and Illness (for healthcare professionals and nurses), jointly with Association of Psychosocial Nursing 27 June 2000
Further details: Symposium Office, Imperial College School of Medicine, Queen Charlotte’s and Chelsea Hospital, Goldhawk Road, London W6 0XG (tel: 020 8383 3904; fax: 020 8383 8555; email: symprog@ic.ac.uk).

Sexual Health and HIV Conference: Facing the Millennium, Portsmouth Marriott Hotel, Portsmouth, 28 June 2000
Further details: Rebecca Mitchell (tel: 023 9286 6796; fax: 023 9286 6769).

6th ESC Congress on Contraception in the Third Millennium: A (R)Evolution in Reproductive and Sexual Health, Lubljana, Slovenia, 28 June–1 July 2000
Further details: Orga-Med Congress Office, Mr Peter Erard, Eissenstraat 77, B-1740 Ternat, Belgium (tel: +32 2 582 08 52; fax: +32 2 582 55 19; email: orgamed@village.u-net.be).

Imperial College School of Medicine, Division of Paediatrics, Obstetrics, and Gynaecology, New Horizons in Recurrent Pregnancy Loss, 29 June–1 July 2000
Further details: Symposium Office, Imperial College School of Medicine, Queen Charlotte’s and Chelsea Hospital, Goldhawk Road, London W6 0XG (tel: 020 8383 3904; fax: 020 8383 8555; email: symprog@ic.ac.uk).

Imperial College School of Medicine, Division of Paediatrics, Obstetrics, and Gynaecology, Bereavement, 5 July 2000
Further details: Symposium Office, Imperial College School of Medicine, Queen Charlotte’s and Chelsea Hospital, Goldhawk Road, London W6 0XG (tel: 020 8383 3904; fax: 020 8383 8555; email: symprog@ic.ac.uk).

Imperial College School of Medicine, Division of Paediatrics, Obstetrics, and Gynaecology, Advances in Obstetric Medicine: International Meeting of Obstetric Medicine Societies (satellite to ISSHP, Paris, 6–7 July 2000
Further details: Symposium Office, Imperial College School of Medicine, Queen Charlotte’s and Chelsea Hospital, Goldhawk Road, London W6 0XG (tel: 020 8383 3904; fax: 020 8383 8555; email: symprog@ic.ac.uk).

XIII International AIDS Conference, 9–14 July 2000, Durban, South Africa
Further details: Congrex Sweden AB, PO Box 5619, Linnegeatan 89A, 114 86 Stockholm, Sweden (tel: +46 8 459 6600; fax: +46 8 661 91 25; email: aids2000@congresx.se).

Further details: Congrex Sweden AB, PO Box 5619, Linnegeatan 89A, 114 86 Stockholm, Sweden (tel: +46 8 459 6600; fax: +46 8 661 91 25; email: aids2000@congresx.se).

3rd Congress of the Baltic Association of Dermatovenerology, 7–9 September 2000, Riga, Latvia
Further details: Professor Andris Y Rubins, Department of Dermatovenerology, Medical Academy of Latvia, K Valdemara Street, 76–75, Riga, LV-1013, Latvia (tel: +(371) 7370395; fax: +(371) 7361615; email: arubins@apollo.lv).

National NCCG Uptake Meeting, Bromsgrove Stakis Hotel, 23–24 September 2000
Further details: Kathy Taylor (tel: 01384 235207; email: palmtraining@tesco.net).

Consortium of Thai Training Institutes for STDs and AIDS—International Reunion and Refresher Course on Sexual Health, Lee Garden Plaza Hotel, Hat Yai, Thailand 24–26 November 2000
Further details: Hat Yai Secretariat, Dr Verapol Chandyong, Dept of OB-GYN, Faculty of Medicine, Prince of Songkla University, Hat Yai, Songkla 90110, Thailand (fax: (66-74) 446 361; email: cverapol@ratreec.ep.scu.ac.th or Bangkok Secretariat, Dr Thanan Palanuean, Bangkok Hospital, Bangkok, 189 Sathorn Road, Bangkok 10120, Thailand (fax: (66-2) 286 3013; email: pthanit@email.ksc.net).

CORRECTION

An error occurred in an original article by Hughes et al that appeared in the February issue of the journal (2000;76:18–24). In the participants section under West Midlands, “Dr Wade, Coventry and Warwickshire Hospital” should read “Dr Wade and Dr Allan, Coventry and Warwickshire Hospital.”

CURRENT PUBLICATIONS

Selected titles form recent reports published worldwide are arranged in the following sections:
- Gonorrhoea
- Chlamydia
- Candidiasis
- Bacterial vaginosis
- Trichomoniasis
- Pelvic inflammatory disease
- Syphilis and other treponematoses
- Hepatitis
- Herpes
- Human papillomavirus infection
- Cervical cytology and colposcopy
- Other sexually transmitted infections
- Public health and social aspects
- Microbiology and immunology
- Dermatology
- Miscellaneous
Pelvic inflammatory disease


Patterns of diagnosis and referral in women consulting for chronic pelvic pain in UK primary care.

Chlamydia

Chlamydia trachomatis infection as a risk factor for invasive cervical cancer.
P KOSKELA, T ANTTLA, T BJORGE et al. Int J Cancer 2000;85:35–9

Screening for Chlamydia trachomatis in subfertile women.
S MACMILLAN, A TEMPLETON. Hum Reprod 1999;14:3009–12

Analysis of Chlamydia trachomatis serovars in endocervical specimens derived from pregnant Japanese women.

Molecular epidemiology of genital Chlamydia trachomatis infection in high-risk women in Senegal, West Africa.

Evaluation of a rapid assay for detection of Chlamydia trachomatis infections in outpatient clinics in South Kalimantan, Indonesia.

Seroactivity to Chlamydia trachomatis Hsp10 correlates with severity of human genital tract disease.

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