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# GENITOURINARY MEDICINE

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continued from front cover

**217 Emergency hormonal contraception usage in genitourinary medicine clinic attenders**

J K Evans, A Holmes, M Browning, G E Forster

**220 Why do men with urethritis in Cameroon prefer to seek care in the informal health**

sector? F Crabbé, H Carsauw, A Buvé, M Laga, J P Tchupo, A Trebucc

**223 An interview based approach to seeking user views in genitourinary medicine**

D Evans, C Farquhar

**Letters****227 Does outreach work help in the control of sexually transmitted disease?** S K Panja,

S E Tchamouroff

**227 The glittering vagina—a seasonal phenomenon?** M M Hudson, H Windle, G R Kinghorn**Book reviews • Notices • Diary of events • Current Publications****Cobblestones****181 The seed of an ulcer** S C Tayal, K N Sankar

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ISSN 0266-4348

Published by BMJ Publishing Group, and printed in England by Thanet Press Limited, Margate, Kent

demonstrate typical features. Rare conditions in which only a handful of cases have been described are also covered.

The book is aimed at dermatologists, but many conditions are the cutaneous manifestations of systemic infections and should be of interest to a wider "audience". Atypical presentations of common skin complaints frequently occur in HIV infection, and these are splendidly illustrated together with HIV specific conditions. Many rare conditions look very similar and the message seems to be: if in doubt, biopsy—the differential diagnosis may be wider than you think.

SARAH EDWARDS

### International Congress of Sexually Transmitted Diseases

12th Meeting of the International Society for Sexually Transmitted Diseases Research (ISSTD) held jointly with the International Union Against Venereal Diseases and Treponematoses (IUVD) 19–22 October 1997, Sevilla, Spain.

For further information contact: ICSTD

Congress Secretariat, Apdo 6077, 41080-Sevilla, SPAIN. Fax. 95.4377413.

### CORRECTION:

In the paper *STD control in developing countries* by M W Adler (*Genitourin Med* 1996;72:83–8) it should have been stated that the source of figure 1 was P Piot and L Fransen.

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## NOTICES

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### The International Society for Cutaneous Lymphomas

1st Consensus Conference 14 June, Hilton-Hotel, Sydney. Contact: R Dummer, M D, Department of Dermatology, Gloristr. 31, CH-8091 Zurich/Switzerland.

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## DIARY OF EVENTS

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|-----------------|---|
| 3–6 July 1996   | Fifth International Drug Resistance Workshop. Whistler, Canada.                             |
| 7–12 July 1996  | International AIDS Conference, Vancouver, Canada.   |
| 11–14 Sept 1996 | Third European Chlamydia Meeting, Vienna, Austria.  |
| 15–18 Sept 1996 | Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC). New Orleans, USA. |
| 18–20 Sept 1996 | Society for Social Medicine. Dundee, UK.  |
| 3–7 Nov 1996    | 3rd International Congress on Drug Therapy in HIV Infection. Birmingham, UK.                |
| 1–5 Dec 1996    | International Papillomavirus Workshop, Queensland, Australia.                               |

## CURRENT PUBLICATIONS

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

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

### Gonorrhoea

**Asymptomatic gonorrhoea and chlamydial infection in rural Tanzanian men**  
H GROSSKURTH, P MAYAUD, F MOSHA, *et al.* *BMJ* 1996;83:277-9.

**Risk assessment and other screening options for gonorrhoea and chlamydial infections in women attending rural Tanzanian antenatal clinics**  
P MAYAUD, H GROSSKURTH, J CHANGALUCHA, *et al.* *Bull WHO* 1995;73:621-30.

**The pathogenesis of gonococcal urethritis in men: confocal and immunoelectron microscopic analysis of urethral exudates from men infected with *Neisseria gonorrhoeae***  
MA APICELLA, M KETTERER, FKN LEE, DG ZHOU, PA RICE, MS BLAKE. *J Infect Dis* 1996;173:636-46.

**Evaluation of in vitro spectra of activity of azithromycin, clarithromycin and erythromycin tested against strains of *Neisseria gonorrhoeae* by reference agar dilution, disk dilution and Etest methods**  
PC MEHAFFEY, SD PUTNAM, MS BARRETT, RN JONES. *J Clin Microbiol* 1996;34:479-81.

**Tentative interpretive criteria and quality control parameters for in-vitro susceptibility testing of *Neisseria gonorrhoeae* to two fluoroquinolones (PD 131628 and grepafloxacin (OPC 17116))**  
DL SEWELL, AL BARRY, SD ALLEN, PC FUCHS, PR MURRAY, FC TENOVER. *J Antimicrob Chemother* 1996;37:139-44.

**Transferrin increases adherence of iron-deprived *Neisseria gonorrhoeae* to human endometrial cells**  
RP HEINE, C ELKINS, PB WYRICK, PF SPARLING. *Am J Obstet Gynecol* 1996;174:659-66.

**Assembly and antigenicity of the *Neisseria gonorrhoeae* pilus mapped with antibodies**  
KT FOREST, SL BERNSTEIN, ED GETZOFF, *et al.* *Infect Immun* 1996;64:644-73.

**Genetic diversity of *Neisseria gonorrhoeae* IB-2 and IB-6 isolates revealed by whole-cell repetitive element sequence-based PCR**

CL POH, V RAMACHANDRAN, JW TAPSALL. *J Clin Microbiol* 1996;34:292-337.

### Chlamydia

**The immunobiology and immunopathology of chlamydial infections**  
ME WARD. *APMIS* 1995;103:769-98.

**Doxycycline compared with azithromycin for treating women with genital *Chlamydia trachomatis* infection: an incremental cost-effectiveness analysis**  
D MAGID, JM DOUGLAS, JS SCHWARTZ. *Ann Int Med* 1996;124:389-99.

**Comparison of the ligase chain reaction with cell culture for the diagnosis of *Chlamydia trachomatis* infection in women**  
GL RIDGWAY, G MUMTAZ, AJ ROBINSON, *et al.* *J Clin Pathol* 1996;49:116-9.

**Evaluation of verification assays in EIA specimens presumptively positive for *Chlamydia trachomatis***  
GP LEONARDI, AM STAVROULAKIS, J CRUZ, K SZABO. *J Med Microbiol* 1996;44:147-50.

**Chlamydial antibodies in women who suffer miscarriages**  
S OSSER, K PERSSON. *Br J Obstet Gynaecol* 1996;103:137-41.

**Immune response to *Chlamydia trachomatis* heat-shock protein in infertile female patients and influence of *Chlamydia pneumoniae* antibodies**  
HM FREIDANK, A CLAD, AS HERR, M WIEDMAN-NALAHMAD, B JUNG. *Eur J Clin Microbiol Infect Dis* 1995;14:1063-9.

**Identification of two *Chlamydia trachomatis* antigens recognized by synovial fluid T cells from patients with chlamydia induced reactive arthritis**  
JSH GASTON, DKO DEANE, RM JECOCK, JH PEARCE. *J Rheumatol* 1996;23:130-6.

**The activity of azithromycin on the infectivity of *Chlamydia trachomatis* in human amniotic cells**  
DL PATTON, SL WANG, CC KUO. *J Antimicrob Chemother* 1996;36:951-60.

**Recall of original serologic response after challenge with homologous and heterologous *Chlamydia trachomatis* serovars**  
QX ZHAO, CJ LAMMEL, EA LINDQUIST, RS STEPHENS. *J Infect Dis* 1996;173:609-18.

### Candidiasis

**Risk factors for vulvovaginal candidiasis: a case-control study among university students**  
AM GEIGER, B FOXMAN. *Epidemiology* 1996;7:182-7.

**A murine model of *Candida glabrata* vaginitis**  
RL FIDEL, JL CUTRIGHT, L TAIT, JD SOBEL. *J Infect Dis* 1996;173:425-31.

### Syphilis and other treponematoses

**Serologic response to treatment of syphilis in patients with HIV infection**  
AM YINNON, P COURYDONIGER, R POLITO, RC REICHMAN. *Arch Intern Med* 1996;156:321-6.

**Untangling the persistence of syphilis in the South**  
MNE STLOUIS, TA FARLEY, SO ARAL. *Sex Transm Dis* 1996;23:1-4.

**Biomedical issues in syphilis control**  
EW HOOK. *Sex Transm Dis* 1996;23:5-8.

**The social context of syphilis persistence in the southeastern United States**  
SO ARAL. *Sex Transm Dis* 1996;23:9-5.

**Epidemiology of syphilis in the United States, 1941-1993**  
AK NAKASHIMA, RT ROLFS, ML FLOCK, P KIL-MARX, JR GREENSPAN. *Sex Transm Dis* 1996;23:16-23.

**Mathematical modeling of epidemic syphilis transmission: implications for syphilis control programs**  
GL OXMAN, K SMOLKOWSKI, J NOELL. *Sex Transm Dis* 1996;23:30-39.

**Providers of syphilis care in the southern United States**  
JJ GIBSON, W LEVERETTE, M ARVELO. *Sex Transm Dis* 1996;23:40-44.

**Serologic screening for syphilis; rationale, cost and realpolitik**  
GP SCHMID. *Sex Transm Dis* 1996;23:45-50.

**Strategies for syphilis prevention in the 1990s**  
ME STLOUIS. *Sex Transm Dis* 1996;23:58-67.

**Syphilis control: the historic context and epidemiologic basis for interrupting sexual transmission of *Treponema pallidum***  
W CATES, RB ROTHENBERG, JH BLOUNT. *Sex Transm Dis* 1996;23:68-85.

**Evaluation of a competitive enzyme immunoassay in screening for syphilis**  
E DEMAJO, G BIANCHINI, F PARRI, E TOCCI, M MONACI, C PAOLI. *Microbiologica* 1996;19:31-38.

**Expression and sequence analysis of a *Treponema pallidum* gene, tpn38(b), encoding an exported protein with homology to *T pallidum* and *Borrelia burgdorferi* proteins**  
LV STAMM, JM HARDHAM, FG FRYE. *Fems Microbiol Lett* 1996;135:57-64.

### Hepatitis

**A rational approach to the management of hepatitis C infection**  
GM DUSHEIKO, S KHAKOO, P SONI, L GRELLIER. *BMJ* 1996;312:357-63.

### Herpes

**Inoculation herpes simplex virus infections in patients with AIDS: unusual appearance and location of lesions**  
G WEAVER, JR KOSTMAN. *Clin Infect Dis* 1996;22:141-2.

**Neuropsychiatric toxicity in a patient undergoing hemodialysis and receiving treatment with oral acyclovir**

A COLLINS, D KRIEFF, C SMITH, C SINGER. *Clin Infect Dis* 1996;22:187.

**Nucleic acid vaccine encoding gD2 protects mice from herpes simplex virus type 2 disease**

JD KRIESEL, SL SPRUANCE, RA DAYNES, BA ARANEO. *J Infect Dis* 1996;173:536-41.

**Differential effects of famciclovir and valaciclovir on the pathogenesis of herpes simplex virus in a murine infection model including reactivation from latency**

AM THACKRAY, HJ FIELD. *J Infect Dis* 1996; 173:291-9.

**Downstream regulatory elements increase acute and latent herpes simplex virus type 2 latency-associated transcript expression but do not influence recurrence phenotype or establishment of latency**

T YOSHIKAWA, LR STANBERRY, N BOURNE, PR KRAUSE. *J Virol* 1996;70:1535-41.

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## Human papillomavirus infection

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**Human papillomavirus infection and risk of progression of epithelial abnormalities of the cervix**

CBJ WOODMAN, T ROLLASON, J ELLIS, R TIERNEY, S WILSON, L YOUNG. *Br J Cancer* 1996;73: 553-7.

**Natural history of cervical human papillomavirus lesions**

K KATASE, H TESHIMA, Y HIRAI, K HASUMI. *Intervirology* 1995;38:191-4.

**Vertical transmission of human papillomavirus from infected mothers to their newborn babies and persistence of the virus in childhood**

M PURANEN, M YLISKOSKI, S SAARIKOSKI, K SYRJANEN, S SYRJANEN. *Am J Obstet Gynecol* 1996;174:694-9.

**Anal and penile condylomas in HIV-negative and HIV-positive men: clinical, histological and virological characteristics correlated to therapeutic outcome**

G VONKROGH, A WIKSTROM, K SYRJANEN, S SYRJANEN. *Acta Dermatol-Venerol* 1995;75:470-4.

**Peoscopic diagnosis of flat condyloma and penile intraepithelial neoplasia. 4. Urethral reservoir**

IG KOTOULAS, E CARDAMAKIS, K RELAKIS, *et al.* *Gynecol Obstet Invest* 1996;41:55-60.

**Human papillomavirus DNA in genital cancers, metastases and lymph nodes**

E BEYERFINKLER, F GIRALDI, M SILLEM, H PFISTER. *Intervirology* 1995;38:173-80.

**Occurrence of the antibody against human papillomavirus type 16 virion protein L2 in patients with cervical cancer and dysplasia**

T KANDA, H TESHIMA, K KATASE, *et al.* *Intervirology* 1995;38:187-91.

**Human papillomavirus detection by hybrid capture in paired cervicovaginal lavage and cervical biopsy specimens**

DR BROWN, K RAWLINGS, V HANDY, KH FIFE, JT BRYAN, H CRAMER, M GRAHAM. *J Med Virol* 1996;48:210-5.

**Type-specific prevalence of human papillomavirus DNA among Jamaican patients**

C RATTRAY, HD STRICKLER, E ESCOFFERY, *et al.* *J Infect Dis* 1996;173:718-21.

**Do human papillomaviruses have a role in the pathogenesis of bladder carcinoma?**

M MVULA, T IWASAKA, A IGUCHI, S NAKANURA, Z MASAKI, H SUGIMORI. *J Urol* 1996;155:471-4.

**Protection against papillomavirus with a polynucleotide vaccine**

JJ DONNELLY, D MARTINEZ, KU JANSEN, RW ELLIS, DL MONTGOMERY, MA LIU. *J Infect Dis* 1996;173:314-20.

**Both cell proliferation and apoptosis increase with lesion grade in cervical neoplasia but do not correlate with human papillomavirus type**

C ISACSON, TD KESSIS, L HEDRICK, KR CHO. *Cancer Res* 1996;54:669-74.

**Genital papillomavirus in Greek women with high-grade cervical antigens for serodiagnosis of Japanese encephalitis**

E KONISHI, PW MASON, RE SHOPE. *J Med Virol* 1996;48:80-87.

**Correlation of apoptosis with tumour cell differentiation, progression and HPV infection in cervical carcinoma**

Y SHOJI, M SAEGUSA, Y TAKANO, M OHBU, I OKAYASU. *J Clin Pathol* 1996;49:134-8.

**Malignant transformation of HPV 16-immortalized human endocervical cells by cigarette smoke condensate and characterization of multistage carcinogenesis**

XL YANG, G JIM, Y NAKAO, M RAHIMTULA, MM PATER, A PATER. *Int J Cancer* 1996;65:338-44.

**Transgenic models for papillomavirus-associated multistep carcinogenesis**

G KONDOH, Q LI, J PAN, A HAKURA. *Intervirology* 1995;38:181-6.

**Promoter usage in the E7 ORF of HPV16 correlates with epithelial differentiation and is largely confined to low-grade genital neoplasia**

CH NILSSON, E BAKOS, KU PETRY, A SCHNEIDER, M DURST. *Int J Cancer* 1996;65:6-12.

**Resistance to retinoic acid and altered cytokeratin expression of human papillomavirus type 16-immortalized endocervical cells after tumorigenesis**

D SARMA, X YANG, G JIN, M SHINDOH, MM PATER, A PATER. *Int J Cancer* 1996;65:345-50.

**Immortalization of human adult prostatic adenocarcinoma cells by human papillomavirus HPV 16 and 18 DNA**

Z NAGHASHFAR, JA DIPAOLO, CD WOODWORTH, A PASSANITI. *Cancer Lett* 1996;100:47-54.

**Functional promoters in the genome of human papillomavirus type 6b**

S KARLEN, EA OFFORD, P BEARD. *J Gen Virol* 1996;77:11-16.

**Human papillomavirus type 16 capsid proteins produced from recombinant Semliki forest virus assemble into virus-like particles**

P HEINO, J DILLNER, S SCHWARTZ. *Virology* 1995;214:349-59.

**Sequence variation in the capsid protein genes of human papillomavirus type 16 and type 31**

JP ICENOGLA, KA CLANCY, SY LIN. *Virology* 1995;214:664-9.

**Identification of domains required for transcriptional activation and protein dimerization in the human papillomavirus type-16 E7 protein**

W ZWERSCHKE, S JOSWIG, P JANSENDURR. *Oncogene* 1996;12:213-8.

**Mutational analysis of human papillomavirus type 16 E6 demonstrates that p53 degradation is necessary for immortalization of mammary epithelial cells**

S DALAL, QS GAO, EJ ANDROPHY, V BAND. *J Virol* 1996;70:683-736.

**Alteration of cell cycle kinase complexes in human papillomavirus E6-and E7-expressing fibroblasts precedes neoplastic transformation**

Y XIONG, D KUPPUSWAMY, Y LI, *et al.* *J Virol* 1996;70:999-1008.

**Human papillomavirus E7 oncoproteins bind a single form of cyclin E in a complex with cdk2 and p107**

MC MCINTYRE, MN RUESCH, LA LAIMINS. *Virology* 1996;215:73-82.

**Temporal and histologic relationships of proliferating cell nuclear antigen and human papillomavirus type 11 in the mouse xenograft system**

DR BROWN, L PRATT, KH FIFE, JT BRYAN. *J Med Virol* 1996;48:108-13.

**Evidence for a promoter-like activity in the short non-coding region of human papillomaviruses**

H MAKI, K FUJIKAWAADACHI, O YOSHIE. *J Gen Virol* 1996;77:453-8.

**p53-dependent and independent transactivation by the E6 protein of human papillomavirus type 16**

N AKUTSU, H SHIRASAWA, T ASANO, K ISONO, B SIMIZU. *J Gen Virol* 1996;77:459-64.

**Sequence conservation within the major capsid protein of human papillomavirus type 18 and formation of HPV-18 virus-like particles in *Saccharomyces cerevisiae***

KJ HOFMANN, MP NEEPER, HZ MARKUS, DR BROWN, M MULLER, KU JANSEN. *J Gen Virol* 1996;77:465-8.

**Targeted mutagenesis of the human papillomavirus type 16 E2 transactivation domain reveals separable transcriptional activation and DNA replication functions**

H SAKAI, T YASUGI, JD BENSON, JJ DOWHANICK, PM HOWLEY. *J Virol* 1996;70:1602-11.

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## Cervical cytology and colposcopy

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**Low efficacy of cytologic screening for cancer in situ of the cervix in older women**

L GUSTAFSSON, P SPAREN, M GUSTAFSSON, *et al.* *Int J Cancer* 1995;63:804-9.

**The false negative rate in cervical cytology—comparison of monolayers to conventional smears**

E SPRENGER, P SCHWARZMANN, M KIRKPATRICK, *et al.* *Acta Cytol* 1996;40:81-9.

**Would monolayers provide more representative samples and improved preparations for cervical screening? Overview and evaluation of systems available**

E MCGOOGAN, A REITH. *Acta Cytol* 1996;40: 107-19.

**Terminology, benchmarking and reporting in cervical cytologic automation: the critical need for consistency**

P KRIEGER, S NARYSHKIN. *Acta Cytol* 1996;40:9-11.

**Computer-assisted rescreening of clinically important false negative cervical smears using the PAPNET testing system**

DL ROSENTHAL, D ACOSTA, RK PETERS. *Acta Cytol* 1996;40:120-6.

**Sensitivity of the AutoPap 300 QC system for cervical cytologic abnormalities—biopsy data confirmation**

DC WILBUR, TA BONFIGLIO, MA RUTKOWSKI, et al. *Acta Cytol* 1996;40:127-42.

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## Other sexually transmitted diseases

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**Laboratory diagnosis of chancroid using species-specific primers from *Haemophilus ducreyi* groEL and the polymerase chain reaction**

LM PARSONS, AL WARING, J OTIDO, M SHAYEGANI. *Diag Microbiol Infect Dis* 1995;23:89-98.

***Haemophilus ducreyi* elicits a cutaneous infiltrate of CD4 cells during experimental human infection**

SM SPINOLA, JN ARNO, K FORTNEY, et al. *J Infect Dis* 1996;173:394-402.

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## Public health and social aspects

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**Teenage sex—cognitive immaturity increases the risks**

S STUART SMITH. *BMJ* 1996;312:390.

**Contraception, unintended pregnancies and sexually transmitted diseases: why isn't a simple solution possible?**

W CATES. *Am J Epidemiol* 1996;143:311-8.

**Geographic variation in sexual behaviour in Britain: implications for sexually transmitted disease epidemiology and sexual health problems**

J WADSWORTH, M HICKMAN, AM JOHNSON, K WELLINGS, J FIELD. *AIDS* 1996;10:193-200.

**Reported condom use is not associated with incidence of sexually transmitted diseases in Malawi**

TET TAHA, JK CANNER, JD CHIPHANDWI, et al. *AIDS* 1996;10:207-12.

**Behavioural intervention to increase condom use among high-risk female adolescents**

DP ORR, CD LANGEFELD, BP KATZ, VA CAINE. *J Pediatr* 1996;128:288-95.

**The relevance of social network concepts to sexually transmitted disease control**

R ROTHENBERG, J NARRAMORE. *Sex Transm Dis* 1996;23:24-29.

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## Microbiology and Immunology

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***Roseomonas* sp. from purulent cervicitis and vulvovaginitis and its differentiation from *Neisseria gonorrhoeae***

P HOHL, R MANALASTAS, A VONGRAEVENITZ. *Med Microbiol Lett* 1996;5:23-32.

**Mucosal immunology: new frontiers**

MF KAGNOFF. *Immunol Today* 1996;17:57-59.

**Quantitative analysis of the immune cells in the anal mucosa**

E GERVAZ, MC DAUGEGERFFROY, I SOBHANI, et al. *Pathol Res Pract* 1995;191:1067-71.

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## Dermatology

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**Ulcerating rheumatoid nodule of the vulva**

MAC APPLETON, SM ISMAIL. *J Clin Pathol* 1996;49:85-86.

**Surface adenosquamous carcinoma of the penis: a report of three cases**

AL CUBILLA, MT AYALA, JE BARRETO, JG BELLASAI, JC NOEL. *Am J Surg Pathol* 1996;20:156-60.

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## Miscellaneous

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**Preterm labor: emerging role of genital tract infections**

WW ANDREWS, RL GOLDENBERG. *Infect Agents* 1995;4:196-211.

**Randomized investigation of antimicrobials for the prevention of preterm birth**

SM COX, VR BOHMAN, L SHERMAN, KJ LEVENO. *Am J Obstet Gynecol* 1996;174:206-10.

**The history of non-gonococcal urethritis: Thomas Parran award lecture**

D TAYLOR ROBINSON. *Sex Transm Dis* 1996;23:86-89.

**Isolation of *Mycoplasma genitalium* strains from the male urethra**

JS JENSEN, HT HANSEN, K LIND. *J Clin Microbiol* 1996;34:286-91.

**Sexually transmitted diseases, human immunodeficiency virus and pregnancy prevention: combined contraceptive practices among urban African-American early adolescents**

BF STANTON, X LI, J GALBRAITH, S FEIGELMAN, I KALJEE. *Arch Pediatr Adolesc Med* 1996;150:17-24.

**Simple algorithms for the management of genital ulcers: evaluation in a primary health care centre in Kigali, Rwanda**

J BOGAERTS, B VUYSTEKE, WM TELLO, et al. *Bull WHO* 1995;73:761-8.

**Douching and sexually transmitted disease in pregnant women in Surabaya, Indonesia**

MR JOESOEFF, H SUMAMPOUW, M LINNAN, S SCHMID, A IDAJADI, ME STLOUIS. *Am J Obstet Gynecol* 1996;174:115-9.

**A comparison of the case-finding effectiveness and average costs of screening and partner notification**

GL OXMAN, L DOYLE. *Sex Transm Dis* 1996;23:51-57.

**Editorial: Impotence**

GA BRODERICK. *J Urol* 1996;155:549-50.