PRACTICE OBSERVED

Practice Research

Chlamydia trachomatis and Neisseria gonorrhoeae infections in women attending inner city general practices

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are likely to be responsible for a proportion of such symptoms and may go undetected.

Reports of studies of the prevalence of Neisseria genorrhosas in general practice have concluded that the number of cases is so small that routine screening is of little value. There are no published studies of the prevalence of Oklamyshia rankowsan in recognized causes of acute salpingini, with its sequelee of chronic pelvic inflammatory diseases, infertility, and risk of ectopic pregnancy, and both cause neonatal conjunctivities in basics born to inferted mothers.

As a group of general practitioners providing full services, including family planning and obstetric care in the inner city, we care for women with symptoms and signs of genital infection, investigations normally available to us, which do not include facilities for the isolation of C trachomani. These factors led us to screen a group of women in three inner city practices to look for cases of infection with N genorrhouse or C trachomanis.

Eleven doctors working in three practices in east London partici-pated in the study. All women aged 15 to 45 years attending surgery

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SPECIMEN COLLECTION

STECLIMEN COLLECTION

Screning for Nymoorrhoose was carried out by inoculating a Till-UTest GC (Tilomed Laboratories) slide¹¹ with endocervical and
urcharl material. Corton ipped washs were used to collect material
urcharl. Corton ipped washs were with collect material
collection swebs were immediately transferred to value of transport
mediums¹¹ and placed in a liquid nitrogen container at -190°C
where they were stored until noision could be attempted. Cellular
sponger measuring 10 mm s² mm s² mm were used to collect
described elsewhere. These specimens were taken before swebbing
for chlamydial isolation. The sturated sponges were stored in
conical plastic vials at +4°C and delivered weekly to the laboratory
for the ettinisation of chlamydial authody.³

LABORATORY TESTS

Conclusions

Two hundred and forty eight women who were attending general practices and who received speculum vaginal examination were tested. Neissiera gomerhoeae was found in only four (2%) of the women, one of whom also had a concomitant chlamydial infection. Chlamydia trachomain was isolated from 19 (8%), and these women were more likely to be single or divorced and to have vaginal discharge or an abnormal cervix. Chlamydial antibodies were detected in the cervical secretions of 18, 14 of or cervical antibodies were detected in the cervical secretions of or cervical antibodies, although less specific than isolating the agent, would have correctly predicted chlamydial infection in two out of every three women in whom these antibodies were detected. Serological specimens were easier to handle in general practice.

practice.

Owing to the damaging sequelae that may arise from these sexually transmitted infections, we believe that diagnostic facilities available to general practitioners should be improved.

We are grateful to Dr R N Thin, consultant genitourinary physician at St Thomas's Hospital, London, for advice on this study, and we thank the following practitioners who willingly participated in this London, and the study of the property of the property of the provided caceller technical assistance. This project was supported by a grant from the Department of Health and Social Security administred by Moorfield's Eye Hospital.

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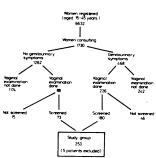
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to McCoy cell monolayers, which were centrifuged, treated with clobezimide, and after 60 hours' incubation at 35°C examined for clusions. 1°Cervical secretion fluids were clutted from cellular onges and chlamydial IgG and IgA antibodies detected using four tigen pools in a modified microimmunofluorescence text."

All patients with N powerhoose of C prodomatic or with champidal antibody in crevial secretion where recalled, and those who consend were reteated before treatment or referral. Patients with champidal infection treated in the practices were given erythromycin states 500 mg twice a day for 10 days, and contacts were traced and advised to attend a clinic for sexually transmitted disease.

During the study 6632 women aged 15 to 45 years were registered with the three practices and 1730 consulted the doctor (figure). Of



BRITISH MEDICAL JOURNAL VOLUME 287 24 SEPTEMBER 1983

BRITISH MEDICAL FOUNDAL VOLUME 287 24 SEPTEMBER 1983 who were inclain negative for Châmodia with occrucial exercision antibody, one also had a proved genoecoccal infection.

A total of four patients were indected with N pomerhoese and in all the organism grew from the cervical sweb only. One of these patients also had C Trackmants instead from her cervica, and another had châmydail antibodies in her cervical secretions.

The mean (SD) age of those women found to have infection by culture of either N pomerhoease of C Trackmants was 254 (19 y sears, of the women. Twenty out of 22 (19%) women with infection were either single or divorced compared with 117 out of 226 (52%) uninfected women.

indexed women. Vagual discharge was the most common symptom in the Chlomydus costs on positive group of women (14 out of 19), but was present in only 40 out of 15 symptomatic solidation negative women ($\rho = 0.02$), only 40 out of 15 symptomatic solidation negative women ($\rho = 0.02$). Persented with genitourinary symptoms. The table shows that women with proved chlamydui infection were more likely to have an abnormal cervix than those isolation negative women who were either symptomatic $\rho = 0.01$ or asymptomatic $\rho = 0.01$ or 0.005).

Findings	C trachomatus isolation positive (n = 19)	Symptomatic C trackomatic isolation negative (n = 163)	Asymptomatic C trachomatii isolation negative (n = 66)
Reddened cervix	2	26	3
Cervical erosion	7	12	ī
Cervical discharge Cervical bleeding on	4	18	i
contact	3	13	3
Total No of patients	12	49	8

Of 248 women screened during this study, 19 (8°,) had definite evidence of infection with C reachonaits (solution of the organism) and a further four had presumptive evidence of infection with C reachonaits (solution of the organism) and a further four had presumptive evidence of solution rates from clinics for sexually transmitted diseases of between 12°, and 31°, are are at a Family Planning Association clinic of 3°, and rates at a nationatal clinic of 2°, at 5°, and 10°, a

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New Idea

Is your deputising service really necessary?

F KELLERMAN

Much has been written in the lay press about deputising services. The purpose of this short paper is to point out that there is no need for such a service. What we do need is a complete reorganisation of our emergency services, and this should be based not on the principles and the technology of medical practice of the 1920s but on making a much better use of the resources available now in the 1980s. The following is not a blueprint for a complete emergency medical service but only broad guidelines based on facilities existing everywhere. For simplicity my proposals will apply to a theoretical community with a population of 160 000 with 80 general practitioners and one general hospital.

At 11 pm the telephone of every general practitioner participating in the schence would be switched over to ring at the hospital. At the medical staff of the accident and energency department of the hospital would go off duty and two general practitioners would atke over the department. The doctors could deal with incoming calls,

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according to circumstances, either by sending an ambulance and admitting the patient or sending him back home, or by one of the doctoror visiting the patient, preferrebly by ambulance instead of his own car. With other casualties, such as accidents and injuries, the general practitioners could use their discretion whether they should deal with representations of the such as the telephones would be switched back, the two general practitioners would go home and have the rest of the day off.

The same principles would apply to maternity losses based at the maternity hospital by another two general practitioners, and to weekends and public holidays. Thus every one of the doctors would be to weekends and public holidays. Thus every one of the doctors would be the control of the doctors when the maternity hospital by another one in 20 weekends, with the sadded benefit of some relief for the junior hospital staff.

I have no illusions about the tremendous difficulties that this scheme would meet when trying to put the theory into practice, but a feasibility study might be worth while doing. I am confident that if my colleagues would apply their intellectual energies to overcome the difficulties and solve the problems as they arise, instead of concentrating on proving that "it would not work," we could gradually develop a satisfactory alternative to the present outdated system of dealing with "out of hours" emergencies. It may be encouraging to the screen that similar schemes aleased may be encouraging to the screen that similar schemes aleased not overoptimistic, but if I could start the ball rolling and at least provoke some discussion, I would feel that I have not wasted your space and my time.

Diary of Urban Marks: 1880-1948

From Japan we went to Shanghai. This was interesting. The quay front was, as was usual in all these ports, taken by the European traders for offices while the native town is pushed into the background was a was usual in all these ports, taken by the European traders for offices while the native town is pushed into the background watched the rowr quarrer. They are timply wonderful.

We then went to Foo-Chow, some miles below Shanghai in China. Foo-Chow is none 20 miles up a wide rrear and on archoring the custom officers come on board. At that time all the custom men were Nice. They mived us to meas with them at dinner and Cable and I accepted. As we were being rowed over, I told Cable that for the night I was tenderal since I could not stand the enormous amount of the property of the pr