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PRACTICE OBSERVED

New Idea

Practice sharing: a way of providing services in unpopular areas?

I C BIGNALI.

Over the past 20 years much effort has been spent on improving general practice. The specialty's scademic have won a broad measure of agreement on the sort of service that general practitioners should be providing for patients, and the National Health Service has backed this up with the appropriate sticks and carrots. Yet there are still practices that provide unacceptably bad services for their patients. Most of these are in inner city or decayed industrial areas, where it has proved hard to recruit or decayed industrial areas, where it has proved hard to recruit or decayed industrial areas, where it has proved hard to recruit or decayed industrial areas, where it has proved hard to recruit hugh, proper premise difficult to find, and there are obtous problems in bringing up a family in a community that is socially disrupted, maybe even violent, and inadequately provided with facilities for education or recreation. But the people living there have as much right to—and probably a greater need for—a good general practitioner service than those who enjoy more salubrous surroundings.

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Outside the Wall End Surgery in Blackton there is a list of doctors. Two names are permanently recorded. The third is on a removable plate that alternately bears the names of Dr Rusticus and Dr Urbanicus. There is a similar board outside the surgery permises in the rural village of Woldham, 150 miles from the city Dr Urbanicus and Dr Rusticus, general practitioners in both Bacton and Woldham, are the pioneers of practice sharing in

De Urbanicus and Dr. Rusticus, general practitioners in both Blackton and Wodham, are the pioneers of practice sharing in Britain.

Dr. Urbanicus had struggled in the Blackton practice for five years before the pressures of inner city life began to get him down. He was on the point of resigning and seehing a less demanding job in more pleasant surroundings when he met Dr practitioner in Woldham, 30 miles from the nearest district hospital, was getting bored and out of touch with advances in medical treatment. The two decided to do locumis in each other's practices. Dr Urbanicus unwound contentedly in sleepy Woldham, and Dr Rusticus was invigorated by the challenge of the city. Their respective families also enjoyed the change of sene, and it was they who suggested that Dr Urbanicus and Dr and it was they who suggested that Dr Urbanicus and Dr the practices of the practice of the practice would not be satisfying in the long term. They needed to share the responsibility for the care of the patients and the administration. After protracted negotions with their partners, the two family practitioner committees, and the Department of Health an agreement was reached whereby Dr Urbanicus and Dr Rusticus were admitted by the family

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The aim of this study was to test whether an appreciable number of women who complained of lower urinary tract symptoms in general practice had a genitourinary tract infection with C rachomatis.

Methods
All women sped 16-44 years who were not pregnant and presented at the Lambeth Road group practice between February 1881 and January 1882, with symptoms of unitrary frequency or dysuria were included in the study. The control group consisted of asymptomatic women who came for cervical cytology or for family planning advice over the same period. The women's histories and the results of coded form. The practice must enugle the women how to provide a specimen of urine with minimum contamination and a displified was taken and sent to the laboratory for culture. **

Secretions were taken from the cervical using 4 ray reliables Secretions were taken from the cervical using 4 ray reliables. Secretions were taken from the cervical using 4 ray reliables for transformative "unit product and tight and 16th against Crackmanist" using pooled antigens in a modified microimmunofluorescent test. Blood was not taken because this was not thought justifiable in general practice.

Using Exogen series (one the worthing put into transport medium, and frozen in a portable liquid integen consistent as 1-170°C for transport to the laboratory. These specimens were cultured on

	Symptomatic women (n = 54)	Asymptomatic women (n = 39)
Age (years) (median)	25.5	27.7
Married ()	42	41
Caucasian ()	81	87
House		
Owner occupied (*.)	10	0
Local authority housing (*,)	69	78
Privately rented (",.)	21	20
Not recorded ('',)	ō	2
Contraceptive wie		
Oral ()	42	51
Intrauterine contraceptive device (")	19	51 20 5 23
Other (%.)	25	- 5
None (",)	17	23
Not recorded ("",)	2	ō
Past history of "cystitis"		
In past year (*)	44	13
Not in past year (%)	32	26
Never (%.)	21	51
Not recorded (",,)	*2	10

TABLE 11—Results of dipshide test for 122 women according to symptoms

Results	Symptomatic women (n = 84)	Asymptomatic women (n = 39
Positive	35*	4
Negative	11	18
Contaminated	38	16
Missing	0	1
Total No tested	84	38

*Includes three with C allecans and two with bacterial counts $\sim 100\ 000/\mathrm{ml}$ (see text).

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cycloheximide treated McCoy cells.16 The cultures were stained by Giernsa's method and examined after 68 to 72 hours.11

Results

During the year 2211 women aged 16 to 45 were registered as the practice. Of these, 123 were examined and 84 had work to the practice. Of these, 123 were examined and 84 had work to the practice of the search of the search of the search of the search of the practice of the practice of the practice of the search of the search of the practice of the practic

Discussion

In this survey evidence of a low prevalence of chlamydial infection was found in women presenting with lower unnary tract symptoms in a London group practice. Of the three women with evidence of chlamydial infection, two had negative results on the dipslide test, and the third, who had the most convincing evidence of infection with C trachomatis, had a contaminated dipslide. No evidence was found of past or present infection with C trachomatis in 39 asymptomatic women. The low prevalence of chlamydial infection in this study is unlikely to be due to the loss of some of the specimens. The missing specimens were from the last group of patients to be seen at the end of the study. All three women with serological

TABLE 111-Evidence of infection with C trachomatis in 123 women according to lower urinary tract symptom

	Symptomatic women (n = 84)				Asymptomatic women (n = 39)				All women (n = 123)		
	Positive	Total No tested	NT*	Prevalence (95°, confidence limits)	Positive	Total No tested	NT*	Prevalence (95°, confidence hmuts)	Positive	Total No tested	NT*
Cervical IgA titre > 1/8	1	81	31	1.2 (-: 6.7)	0	39	0	0.0 (< 9.0)	1	120	3+
Cervical IgG titre > 1/8	,	81	3+	37 (07-104)	ō	39	ō	00(-90)	3	120	31
Cervical culture	1	49	351	20(:108)	0	26	13	0.0 (< 13.2)	i	75	481
Urethral culture	0	52	32	00(-68)	0	25	14	00(<137)	ó	77	46

*NT - Not tested or test invalid.
*Three women had had hysterectom

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practitioner committees as joint principals (with no increase in their basic remuneration) and undertook to provide, between them, a partner's share of general practitioner services in each

their ossic remuneration) and undertook to province, oetween them, a partner's share of general practitioner services in each members, and the state of the state

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Practice Research

Chlamydia trachomatis and lower urinary tract symptoms among women in one general practice

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Urinary frequency and dysuria are common symptoms among women. In a survey of women in the Rhondda Fach, Waters estimated that 22", of women aged 20 to 64 years had had dysuria in the previous 12 months. The second national morbidity survey estimated an annual reported incidence of "acute cystist" of 44 per 1000 women aged between 15 and

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Department of General Practice, S. Thomas's Hospital Medical School, London Sill, General Practice, S. Thomas's Hospital Medical School, London Sill, Sill,

BRITISH MEDICAL JOURNAL VOLUME 286 14 MAY 1983 to easier man to live with no v." The family practitioner committees asked the community health councils in both areas to question a sample of the patients affected. They found some more than blanded by the praise for improvements that had come about in both practices. Expressing an unofficial view, the administrator of the Blackton family practitioner committee remarked wryly, "The two halves of two doctors who are keen on their work is better than a whole one who sint, and a lot better than no doctor at all." We didn't think of practice sharing for the patients' sake. We did it because we were both in a rut, but I think they've felt the benefit as much as we have. It could work for other general practitioners, maybe even within a town doctors could share practices between the "good end" and the "bad end," not just to see how the other half itse, but as a way doubt whether anyone the will be tempted to try it, though, unless the National Health Service gives financial support. At present it is costing us both a packet. Couldn't the Royal College of General Practitioners take it up? I've heard them disapprove of the standards of practice in places like Blackton. Disapproval on its own will get nowhere. I recken it's time they got down to doing something constructive."

with urinary tract infection, less than 50 of women with these symptoms can be shown to have severe bacteriuria. Those who cannot be shown to have bladder bacteriuria are said to have abacterial cystines or "urethral syndrome." Several explanations have been suggested for this syndrome and various cures advocated on the strength of them."

Abacterial cystitis is in some ways analogous to the syndrome of "non-gonosocial urethritis" found in men, which is also characterised by dysuria, frequency, and urine which is sterile on routine culture. Between 52°, and 65° of cases of home for the control of the syndrometric control of the syndrometr

on routine culture. Between 5.2", and 68", of cases of non-gonococcal urethrits have been associated with Chlamydia trachomatis."

Since the isolation of C trachomatis from the urethra of two women with symptoms of frequency and dysuria, "several case-control studies have associated the organism with lower urinary tract symptoms in women with odds ratios (approximate relative risks) ranging from 54 to 91.1" (Sorbei J. Chlamydia 1981.) Stamm et al. "thave also shown that doxycycline is more effective than a placebo in the treatment of women with lower urinary tract symptoms associated with C trachomatis. Furthermore, Paavonen's noted a higher prevalence of urinary tract symptoms in women when C trachomatis was solated from the urethra than when the organism was isolated only from the cervix.

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evidence of infection were examined by culturing specimens from both the cervix and the urethra. This is circumstantial evidence that the group whose culture results are known had a higher rather than a lower overall prevalence of infection. The culture method used in this study is very sensitive. It The culture method used in this study is very sensitive. It The culture method used in this study is very sensitive. It of 90°, of women with sexually transmitted paratrachoma," and form 68°, of men with severe non-specific uterhits. Although culture is less sensitive in chronic infections, "19 88°, of the symptomatic women in this study had had symptoms for less than a week. The assay of genital tract secretions for local antibody is more specific than the estimation of antibody concentrations in blood," "1 and local antibodies do not seem. The discovery of such a low prevalence of chlamydial infection in this group of women with lower urinary tract symptoms leaves open the question of whether Chlamydia may be a common cause of such symptoms in populations with a higher overall prevalence of the organism. The prima facie evidence for thinking that the organism could cause these symptoms has been summarried already. The epidemiological evidence is, however, contradictory and not altogether satisfactory since it is become in the second of the study of the control of th

Conclusions

The results of our study show that lower urinary tract symptoms reported by women in one British general practice are not commonly associated with chlamydail infection. This may be because the overall prevalence of C trachomatis in this group of women is low—between I. ", and 4"... It is still possible that when there is a high prevalence of the organism it may be an important cause of "abacterial cystits." Though chlamydail infections in women should be fruited contact are few facilities of the organism in this study suggests that C trachomatis should not be sought routinely in women with lower urinary tract symptoms in general practice when there are no other indications of chlamydail infection, such as cervicitis or suspected pelvic inflammatory disease. Since the strength and lower urinary tract symptoms are still unclear, whether this policy should also obtain in practices with a high prevalence of C trachomatis has yet to be determined.

We thank the patients, doctors, and nurses of the group practi-for their help, and our collesques for their comments on diract pa-pager. We also thank Mr P Yeariley of the Institute of Ophthalmolog who did the chlamydial cultures, and the Department of Micri bology at St Thomas's Hospital, for culturing the dipidies. This study was in part supported by a grant from the Department Health and Social Security.

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Waters WE. Prevalence of symptoms of urinary tract infection in women. Br J Prev. Social Med 1969;23:263-6.

Reference

Waters WE, Prevalence of ymptoms of uniary tract infection in women.
Br J Per Sould Med 1996/22 20-be.

Royal College of General Practitioners and Office of Population Consuser
and College of General Practitioners and Office of Population Consuser
and College of General Practitioners of Med 1997 and 1972/1974.

Paroda D, Mudde A. Pathogenesis of the urchral syndrome in women
and in diagonation in general practice. Lacest 1972/18 paris. 1972-1974.

Landon: HMSO, 1976.

HMSO, 1976

Salz GR, Lunemann CC, Brookman RR, Rash JL. Chlomyda reach-main cervical infections in female adolescents. J Patient 198, 381-391.
(SI)
C. L. Wettom L, Madth PA, Chlomyda trachmant in woman strending a synancological outpattent clinic with lower genial tract infection. Br J View. Dis 1981;37:299-62.
Invays OP, Mallinson H, Goddraf D. Epidemiological and clinical correlates of chlamydial infection of the cervix. Br J View Dis 1981; 57:118-23.

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