Correspondence

TO THE EDITOR, British Journal of Venereal Diseases

Which Neisseria?

Sir,

I have read the paper by Willcox et al. (1977) with great interest. Their conclusions are confirmed by my own results of an investigation carried out on patients attending our clinic for venereal diseases during the years 1974 and 1975 (Table).

Of 357 patients with positive tonsillar cultures for Neisseria meningitidis, 208 (58.3%) had positive genital cultures for Neisseria gonorrhoeae. Of 2055 patients with negative tonsillar cultures for N. meningitidis, 745 (36.3%) had positive genital cultures for N. gonorrhoeae. This difference is highly significant.

In conclusion, N. meningitidis was isolated 2.5 times more frequently from patients with genital gonorrhoea than from patients without, despite the fact that not only patients with recent orogenital contact had been included in our study. Genital N. gonorrhoeae was isolated almost twice as frequently from patients with tonsillar N. meningitidis than from patients without. I think, therefore, that these results from consecutive, unselected patients may be of interest.

Yours faithfully,

Th. Rufli

University Skin Clinic,
Kantonsspital,
CH 4031 Basel,
Switzerland.

References


Table Results of tonsillar and genital cultures in 2412 patients

<table>
<thead>
<tr>
<th>Tonsillar cultures (positive)</th>
<th>Total</th>
<th>N. gonorrhoeae</th>
<th>N. meningitidis</th>
<th>Other Neisseria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Genital cultures</td>
<td>Men</td>
<td>Women</td>
<td>Men</td>
<td>Women</td>
</tr>
<tr>
<td>Neisseria gonorrhoeae</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Positive</td>
<td>754</td>
<td>199</td>
<td>16</td>
<td>6</td>
</tr>
<tr>
<td>Negative</td>
<td>1002</td>
<td>457</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>1756</td>
<td>656</td>
<td>19</td>
<td>10</td>
</tr>
</tbody>
</table>

HBsAg was present in the serum of 12 (3.3%) unmarried patients—one born in Thailand and 11 in the British Isles—whose mean age was 25–7 years (age range 18–33 years). STD was present in 10 of these and eight gave a past history of STD. No history of jaundice, liver disease, or drug or alcohol abuse was obtained from eight patients; of the remaining four, one had suffered from jaundice a year previously, one was stated to have had infectious hepatitis a month earlier, one was suffering from infectious hepatitis at the time of examination, and one had been in contact with a man said to have had jaundice three months previously.

These results support previous findings on the high incidence of hepatitis B infection in homosexuals and suggest that the incidence in a provincial city is comparable with that of a large metropolitan area.

M. A. Waugh

Department of Genitourinary Medicine, General Infirmary, Leeds, LS: 3EX

M. H. Hambling

Department of Virology, Public Health Laboratory, Bridle Path, York Road, Leeds, LS15 7TR

References


TO THE EDITOR, British Journal of Venereal Diseases

Hepatitis B surface antigen in homosexuals

Sir,

Since the observation of Vahrman (1970) that hepatitis B in promiscuous homosexual men might be sexually transmitted work by others in London and New York has confirmed the original impression. However, those cities are metropolitan centres attracting homosexual men who for a variety of reasons find it easier to live in their locales, and it may be argued that the results from such centres may not be similar to those found in provincial cities. It was, therefore, decided to examine for hepatitis B surface antigen (HBsAg) all male homosexual and bisexual patients attending the department of genitourinary medicine at the General Infirmary, Leeds, between June 1975 and December 1977. All sera were tested for HBsAg by immuno-electro-osmophoresis and turkey erythrocyte haemagglutination (Hepatest); in addition, a few samples were tested by radio immunoassay.

Sera were obtained from 359 patients (mean age 31, age range 14–72 years). Inquiries showed that 316 patients were unmarried (eight stated that they were bisexual), 24 were married, 18 were separated or divorced, and one widowed. Of the 359 patients, sexually transmitted disease (STD) was present in 247 (68.8%) and a past history of STD was obtained from 186 (51.8%). The place of birth of 346 patients was the British Isles, of 10 Western Europe, of two Jamaica, and of one Thailand.

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