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INFECTED BLOOD INQUIRY

EXHIBIT WITN2189026

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PRACTICE OBSERVED

Practice Research

Epidemic of AIDS related virus (HTLV-III/LAV) infection among intravenous drug abusers

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Abstract Stored blood samples from 164 intravenous drug abusers who attended a Scottish general practice were tested for HTLV-IIL LAV (human T cell hymphotropic vitus type IIII)/hymphotropic party susceptated virus) infection. Of those tested, 83 (51%) were scropositive, which is well above the prevalence reported elsewhere in Britain and Europe and approaches that observed in New York City. The timing of taking amplies of negative sera and continued drug use suggest that at many as 5% of the prevalence of the TLV-IIILAV infection in the area. Rapid and aggressive intervention is needed to control the spread of infactions.

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Introduction

HTLV.BLAY: human T cell (imphototopic structure type: III temphototopic) associated structure, empositions that been described among groups of intravenous drug abusers in the United States and lately in Europe. Resently, in a laboratory study of drug users, in which blood samples from patients who had attended sureous departments of the Royal Informacy. Enhancing were used, 38% of herein users were infected with the virus. If has not yet been users from this civit in the same structure of the same structure o

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Method
The study group comproed 184 patients of the practice also were known to be of the three beroin users. There were long term users, causal users, and those who had experimented with because this reset developed an addiction, making the population representative of bream users as a whole addiction, making the population representative of bream users as a whole rate that had been user from the affective user most recently and stored in antibody using commercially available ELISA, and if pointive this as antibody using commercially available ELISA, and if pointive this as confirmed by immediatorisection of where hosting techniques, or both II the most recent serious recently make a potative, pression, samples, when available term users were freed until a regime result was obtained, thereby method to be a serious of the potential of the properties of the potential of the properties. The properties are serious and the potential of presents, flexible, and behaviour as recorded on studential edge of the summaries, having been criticated from the practice user notes and workly one secret sizes, when all model might to the make into their infestile and behaviour that is rarely possible in hospital studies.

Results

Forum from 164 beroin over, was tested. Of these, 83, 51% patients were
HTLVIII LAV positive, 60 men and 23 women, mean 50, age 241.

470 ivezin: Epidou over 49% patients were entongative. 55 men and
28 women, mean 50, age 269–56 vezin: There were no set difference.

28 women, mean 50, age 269–56 vezin: There were no set difference.

29 women, mean 50, age 269–56 vezin: There were no set difference.

29 women, mean 50, age 269–56 vezin: There were no set difference.

20 women, mean 50, age 269–56 vezin: There were no set difference of the set of

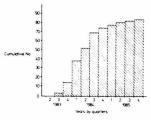
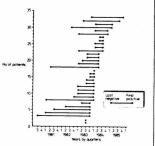


FIG. 1 - Cumulative number of first positive HTLV III LAV antibody test result among 83 intravenous drug abusers by quarters.

of time during which sericonversion occurred was known for 33 patients for 2. Fewer shee 32% of the seripositive patients and 23. 5% of the seripositive patients and 23. 5% of the seripositive patients and 24. 5% of the seripositive patients and the series of the seri

may have seroconverted after the final serum sample was taken. It all of these were now infected there would be an overall prevalence of HTLV-IIII.LAV 0.85%. Interestingly, the prevalence of hepatitis B marker was 84%, 27 patients being negative for both hepatitis B markers and HTLV-IIII.LAV antibody.



Clinical and cysdemiological information drawn from the patients' case summaries indicated consistent and repeated patients and practices of dring most. The primary route of therm administration was almost exclusively most. The primary route of therm administration was almost exclusively available reported sharing medical fractions are available reported sharing medical "scalable," "memisses," or "however how who present disablang medical "scalable," "memisses," or "reversi was stantistically significant \(\gred{x} = 12, 2, 61, 2, p = 0.01, \) "indisating a contrabation between the frequency of sharing equipment and expositions," and the proposition of the property of sharing equipment and expositions."

1881.3 1—Self reported sharing of needles and syringes in 164 heroin users with and without annihodies to the HTLV-HI-LAV zono.

Sharing needles and syntages	No. % who were HTLV III LAV antibody positive		No. %. who were HTLV III LAV antibody negative		Total No. N
Sually	4	52	12	26	48 (4)
N-metimes.	2.5	10	21	45	48 (41
Never		6	14	40	20:17
nknown	14:		34		48
500 000 111					
Total	84	100	×2	101	164 99

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BRITISH MEDICAL JOURNAL VULUME 276 2 & FERRI ARE AREA IN-inguinters provided a source of further useful before no when these could be saaked in water. These practices appear to have continued throughout 1984 and have been moderated only recently woning to ansary shout the risk of ALDS. National Health Service destification numbers it could be shown that 1889, 144 of the study group were from in Edinburgh and only 278, variable Sculand. Specific questioning about travel within the United Kingdom and about pic Jonany 1984 befored only altimatic use of heroin oursale of Edinburgh (table II). Two patients were known to have travelled use in either place, the other to Germany in 1976. The group as a whole rarely travelled outside Edinburgh.

Discussion

HTLV-III LAV infection was observed in half of the intravenous frag abusers sudded; this is well above the prevalence observed in previous European studies and approaching that reported in New Tork City; "Albusqui's into old calls how the virus was introduced into this population, the rapid spread of infection issee fig 2) appears to have resulted from a combination of the almost exclusive cowing to difficulties in obtaining sterile needles and syringes beally and intention practices that increase the risk of exposure to the virus Indeed, the frequency of needle and syringe sharing has been positively correlated with seropositivity and seems to be the most libely cause of the high incidence of infection. Preventing the friend of the production of the production of the production of the production of the production. The production of the production. For exempting the special of the production of the produc

opposed to movements away from prescribing opiate drugs to drug users. This and other interventions, however, must be considered soon and introduced where appropriate to contain the spread of infection.

Many AIDS related medical and social problems are being dealt with, especially with reference to women of child bearing age and healthy. Aft better the soft with the commended terminations, and two had given birth to infants found to be estrongative. An uncertain proportion of inferted therois users will develop AIDS related dinesses chines that specialise in user problems have been restablished. Recent evidence suggests that therois users are more at risk of eveloping AIDS sone enfected than male homosexuals. In a city such as Edinburgh, with large numbers of herois users and reinfection among male homosexuals undoubtedly of less than 5% (A McMillan, personal communication, 1985), herois users may represent most clinical AIDS cases seen. AIDS is likely to become the leading cause of death among the patients examined in this Course of the contractive training and they not be contracted and contract the ageographical variations are likely in the Our results indicate that ageographical variations are likely in the

study."

Our results indicate that geographical variations are likely in the prevalence of HTLV-HLLAV infection among intravenous drug users owing to differing equipment sharing practices and differing times of artival of the virus into populations of drug users. Areas where the seropositivity is known to be low but where needle and syringe daring is routine immoglitection users must expect the virus to spread rapidly in the absence of time-date intervenion.

We thank the doctors and staff of the West Granton Medical Group for their help in collecting samples and information. Dr E Edmond and J D Dickson, University of Edinburgh Bacterology Department, and I Collicate from the Regional Virus Laboratory, City Hospital, Edinburgh, This work was supported by the Scottah Home and Health Department and the Roseante Campbell Hepatials Research Fund.

- References

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100 YEARS AGO

A correspondent sends us the following —"An old man, nearly octogenarian, who has been in bed for twenty severy sears, being a harmless monomanus, having the delibour that His Statims (Marest valuess stood in the sloot of prevent him from prougout, suddenly one morning early in June; took it ratio he had that the Delivius gone, whereepine light out of the de, and with he had that the Delivius gone, whereepine light out of the de, and with a head that the Delivius gone, whereepine light out of the de, and with a fall uniqued over. Having been a good swinnier in his carly days, he struck cut, and although a boat print of from a versel, he swam share Nobody knowing him, he was taken to a public-house, and a medical man was sent. He was taken how, where he remande two or three days in bed, all the left He was taken how, where he remande two or three days in bed, all the first the struck of the struck of the search of

Audit Report

Monitoring care of patients with hypothyroidism in a Yorkshire practice

Recent papers have pointed out the desarability of regular monitoring of the adequacy of thyroxine replacement treatment in patients with hypothyroxidism and the importance of undertaking both clinical and bischemical assessment. Himsworth suggested that this screening should be carried usin for permicious name members of all patients who were receiving thyroxine replacement treatment were obtained from the practice computer used for repeat prescriptions. From the records of these patients, the carred 52 patients of women and six men was received. This number gives the strength of the practice of 1.2 per 1000 men and 5% per 1000 winners, which is similar to that reported clewshere.

pressure 3 per 1000 women, which is similar to that reported the second of the second

been seen during the previous year, but systematic clinical examina-tion of their thyroid state had not been carried out or at least was not recorded in their notes. End, 31% patients had had bushemical thyroid assessment carried out during the previous year, 18: 15%-between two and four years previously, and four (13%) innore than four years ago. No patient had had haematological tests to screen for the development of permicious anatema. This assessment showed that our follow up of patients was inadequate and indicated the need to monitor and review patients with hypothroidism.—w w MALL, general practitioner, Settle, North Vorkshire BD24 4]A and to Ja MALKER, Evaluation and Planning Centre, London School of Hyperon and Tropical Medicine, London WCIE 7HT. Acceptal J February 1360.

Joff AD: Theromee replacement treatment shrind adjacement beckering described for Mora 1985-291 (2) 1.
 Hammond RL: The appropriate over diagnosis services and Theroid Joseph and The Libertures Health Treats (1985) 17-75.

100 YEARS AGO

time November 22nd. Their finals, course manho of the amounts received through Mr. Lacellen from his credit at Gount and Go. They cannot be continued without our support, so I propose to keep them going for another menth at least at soor of about 12 no 15 m at al. A helpin content and a state of the source of great experience on that country looks after the contours, arrangement of great experience on that country looks after the contours, arrangement. The wounded in them, as in the other hospitals, look for the most part contents, and even cheerful. Of course, many of the hospitals do not come for the country looks after the properties. The sounded in them, as in the other hospitals, look for the most part contents, and even cheerful. Of course, many of the hospitals do not come of a diverse of the course of the court of the course of the cour