What is already known on this topic

Injecting drug users are at high risk of acquiring HIV, hepatitis C virus, and other bloodborne infections

What this study adds

The incidences of hepatitis C virus and HIV among new injecting drug users in London are 41.8 and 3.4 cases per 100 person years, respectively

Current drug policy is failing to maintain historical levels of protection from bloodborne viruses among this high risk group

syringe distribution in London provides one new needle per injecting drug user every two days and that fewer than one in four are in drug treatment at any one time.⁵ Specific targets to prevent bloodborne viruses among injecting drug users have been absent from the UK government's drug strategy in the past five years, and there has been little targeted health education or prevention campaigns. Increasing the coverage of syringe exchange and provision of drug treatment is only part of the solution. Innovative strategies are required, specific to hepatitis C virus and to HIV, to change behaviour and to deliver health education messages and harm reduction strategies early enough to make a difference.

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Prevalence and incidence of hepatitis C virus and HIV antibody among new injecting drug users in London, 2001-3

Viral antibodies	Baseline		Follow up	
	No positive/total	Prevalence (95% CI)	No of seroconversions/total (mean follow up time)	Incidence rate per 100 person years
Hepatitis C virus	187/428	43.7 (38.9 to 48.5)	53/151 (372 days)	41.8 (31.9 to 54.7)
HIV	18/428	4.2 (2.5 to 6.6)	9/273 (360 days)	3.4 (1.8 to 6.6)

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Ethical approval: This study received ethical approval from Hammersmith, Queen Charlotte's and Chelsea and Acton Hospitals research ethics committee.

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Averting a change to the date of the royal succession

I will be 90 years old in 2005 and have a very clear memory of an episode which took place at my home in Mansfield in 1926 when I was 11. My father, H L Flint, was a general practitioner but was much involved with cardiology. We understood (rightly or wrongly) that he was the first person in the Midlands able to take electrocardiographs. One fair-sized room in our house was his surgery. (Panel patients had a scruffy place in the town.) The electrocardiograph took up nearly the whole length of one wall. The patient sat with both feet and arms in saline baths and was wired up to the machine. Moreover, wires were run through our house and garden, over a high wall, through a neighbour's garden, and so to the General Hospital, which stood high above us, to enable hospital patients to be wired up there, too.

At that time, the then Prince of Wales kept his hunters at Melton Mowbray (about 35 miles away). His vet was worried about the health of the Prince's favourite hunter, "Tarzan." He had heard of my father and asked whether it would be possible to take an ECG of Tarzan. After consideration my father decided to have a try. In due course, the horse arrived with the vet, groom, and an equerry, in a large horsebox. When this was arranged, my mother promptly decided to go and stay with her mother, so we still have the details in a letter I wrote, telling my mother all about it.

My father had invited the entourage to stay to lunch, but they refused politely. The horse was taken into the garden and, with considerable trouble, made to stand with all four feet in saline and wired up. Several ECGs were taken. All this had taken longer

than expected, so my father reissued the invitation to lunch, which was accepted. This annoyed me very much because there wasn't enough cauliflower cheese to go round, so I was banished to the kitchen for plain bread and cheese.

On examining the recording my father found that Tarzan had "heart block." The Prince was informed that he must never ride the horse again. Two weeks later the horse dropped dead while galloping around its field.

My father was a very cautious man. In those days, any medical man who advertised was liable to be struck off the register. Needless to say, the local press got wind of the affair and photographers waited outside for ages and took photos of Tarzan with me included, but fortunately without my father.

My two brothers were much younger than I, so never appeared from the nursery, where they watched the proceedings through the window. One brother, now a retired consultant physician, told me that when he started medical school electrocardiographs of this size were still in use.

It is interesting to speculate that, had this ECG not been taken, the Prince of Wales might have suffered a fatal accident while riding Tarzan to hounds, and the affair with Mrs Simpson and the resulting abdication would never have taken place.

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