

21 JUL 1965



NATIONAL BLOOD TRANSFUSION SERVICE

(REGION XI—WALES)

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REGIONAL TRANSFUSION CENTRE

RHYD-LAFAR, ST. FAGANS,

Nr. CARDIFF.

19th July, 1965.

RD/GT

Dr. Maycock,
The Lister Institute,
Elstree, Herts.

Dear Dr. Maycock,

Serum Hepatitis

We have felt for some years that the Cardiff R.I. does not notify us as many cases as it ought. I give below figures on usage of blood and plasma and cases of serum hepatitis notified to the B.T.S. These figures are for the eleven years 1954 - 1964. It would be impossible to count up the number of patients transfused, even though a knowledge of the number of patients transfused would be the idealⁱⁿ theory. Therefore, we have assessed the incidence of cases on number of bottles of blood, or plasma, used.

The figures are as follows:-

Cardiff Royal Infirmary				Entire Region			
Blood used	Plasma used	Blood plus plasma used	Cases of serum hepatitis	Blood used	Plasma used	Blood plus plasma used	Cases of serum hepatitis
34,870	5,119	39,989	9	305,103	49,350	354,453	116

In the 10 year period 1954-1964, for the entire region, units transfused were 305,103 blood plus 49,350 plasma, a total of 354,453. For the entire region 116 cases of serum hepatitis were notified to the B.T.S., which figure includes the 9 cases notified from the Cardiff R.I. Units used at Cardiff R.I. were 34,870 plus 5,119 a total of 39,989. Excluding figures for usage of protein fluid and cases of serum hepatitis at Cardiff R.I., this leaves for the rest of the region 107 cases of serum hepatitis and a usage of 354,453 minus 39,989, or 314,464. For these 314,464 units of protein fluid used there were thus 107 cases of serum hepatitis, an incidence of 0.034 per cent. On this case incidence the expected number of cases for the Cardiff R.I. would be 13.6 cases (which is 0.034 per cent) and not 9 (which is 0.023 per cent) as notified to the B.T.S.

Cont'd.....

I am not sufficient of a statistician to say precisely what interpretation should be placed on these figures, but it appears to me that 9 cases of serum hepatitis is rather too few for Cardiff R.I. I would be interested to have the views of the statisticians at the Ministry hereon.

Yours sincerely,

GRO-C

P.S. The C.R.I. (leading group) have set up a transfusion committee as a permanent affair to review use of blood and make recommendations. I attend as an adviser & H.S.T. is one of the things which will be looked at.