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THE KATHARINE DORMANDY HAEMOPHILIA CENTRE & HAEMOSTASIS UNIT Ext. **GRO-C**

Ref: ET/LG

19th November 1980

Mr. David Heath,
Speywood Laboratories Ltd.,
Chancel House, East Street,
Bingham, Nottingham NG13 8DR

Dear David,

I enclose the full assay data on the three trial infusions that we have carried out to date. I have calculated the in vivo recoveries according to the formula used by Nilsson & Hedner (Ref.1) and more recently by Toolis et al (Ref.2), not because I think it a particularly valid method but simply to have comparative data with their studies.

It is evident that recovery is well within the range found with cryo-precipitate and various concentrates in those reports. Calculations of half-lives from what is obviously bi- if not triphasic decay, are somewhat artistic rather than strictly scientific, but again the early and late rates of fall-off are very similar to those shown in the two reports mentioned.

We are now trying to get hold of some more PE VIII to test on a bleeding patient.

You will be glad to hear that we have now appointed a technician to work on porcine VIII. We advertised in the 'New Scientist' and received a fair number of applications but in the end we selected Nigel Thomas who is an MLSO in our laboratory. He has a lot of experience with all the relevant assays and in fact did the inhibitor assays against human and porcine VIII, details of which Peter has already sent you. We plan to start him full-time early in the new year as soon as we have a replacement for him in the routine lab. Meanwhile he is getting the project going in his own time by immunising animals and carrying out preliminary purification on the porcine material which you sent us for laboratory use. We will need some normal pig plasma and would be grateful if you could drop some in sometime.

I would be grateful if you could keep the PE infusion data moderately confidential, at least until we have drafted a paper for publication.

Yours sincerely,

GRO-C

Edward Tuddenham, MRCP, MRCPATH,
Co-Director

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21 NOV 1980

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