## BLOOD MONEY INTERVIEW NOTES PROF. ARIE ZUCKERMAN 14 OCTOBER 1975

Barker (US Buro of Biologics) tests on US F8 in 1972 25% positive of 250 batches. 1974 16%.

Horrifying. Not acceptable. Result of not using RIA on initial donations. Improved now as RIA on each donation.

WHO recommend Retests on each donation after June meeting. US rule September 15. BTS still not using RIA. Available when Haycock began. Soon use turkey cells. Mostly only use electropherisis.

Bidwell says cant use RIA. Reason money. RIA cost \$1. Turkey cell now cost 10p from Welcome.

Tested several hundred Elstree batches for Hep. May/September 1974 found 25% positive. MoH very unhappy. Now using turkey cell since July better results. Average now about 10%. Average overall 10-20%.

Roger Williams Kings College expert on liver disease. Evidence that Hep lead to liver damage and possibly liver cancer. Evidence of permanent damage can show after year.

Dr Prince sone studies in New York on commercial donors.

Visited Immuno in Vienna. Poor facility. Lacked medical back up. Dubious sources of plasma. Globulin banned because from Africa.

Abbott very high scientific and ethical standards. Bought California set of donor centres. Very bad then.

Baxter dubious but better than Cutter.

Should be Hep vaccine in 2/3 years. Developed from reagents. Reagents from dubious, high risk sources such as Immuno. Need to test on chimpanzees. Question is risk.

Chicago reckoned as poor standards due to concentration of black donors. Puerto Rico high risk area - 10%. Nicaragua similar risk but lack of data.

Prince research shows strong virus can break through immunisation.

US tests studied retrospectively with RIA show there is level at which virus undetectable but infectious. Still leaves 10% of virus. US prison study shows infections when diluted to level 1 in 10,000.

Initially thought Hep B only 10% of cases. Now think 40%. B using sharply by A static. Reckon 300 deaths a year in UK from Hep. Not know if A or B only fatal. Study of Middlesex population shows 1 in 10,000 donations death rate. Study in Chelsea showed 40% Hep cases. Study in west London over 3 years 12% Hep but no deaths. Large number of Hep B deaths not reported.