

10.10 a.m. Drew off 227 cc. blood.

11.15. Reinjecting corpuscles made up to 255 cc.

11.40. Drew off 220 cc. blood.

12.40. Reinjecting corpuscles diluted to 245 cc.

1 p.m. Drew off 205 cc.

2 p.m. Reinjecting corpuscles diluted to 230 cc.

2.25. Drew off 205 cc.

3.15. Reinjecting corpuscles diluted to 245 cc.

Stopped work as dog was weak with very rapid feeble pulse owing to accidental introduction of considerable amount of thymol with the hirudin used. Wound sewn up as before.

Dog off table at 3.40, seems better, stands up, drinks.

About 5.30 dog is in fine condition again, anxious to fight dog in adjoining cage.

Total for day. Blood drawn 857 cc. Returned 975 cc.

July 8. Dog in fine condition. Weighs 8.05 kg.

1st bleeding using needle method. Drew off 245 cc., after separation made corpuscles up to 260 cc.

12.40. Reinjecting 210 cc. of above mixture.

2 p.m. Drew off 210 cc. blood.

3 p.m. Reinjecting corpuscles made up to 220 cc. and 50 cc. left from last injection.

Stopped on account of difficulty in drawing blood. Dog is very well and cheerful.

Total for day. Blood drawn, 455 cc. Returned 480 cc.

Total for experiment (parts of 3 days). Blood drawn 1835 cc. Returned 2040 cc.

Blood volume (estimated) 600 cc.

The following is a more condensed account of our other experiments.

Experiment 1. May 21, 1914. Normal dog weight 11 kg.

3 to 3.30 p.m. Blood drawn 270 cc. Returned 160 cc.

3.45 to 4.20 p.m. Blood drawn 200 cc. Returned 160 cc.

4.45 to 5.05 p.m. Blood drawn 100 cc. Returned 270 cc.

Total for day: Blood drawn 570 cc. Returned 590 cc.

May 22. 2.50 to 3.05 p.m. Blood drawn 262 cc. Returned 190 cc.

Total for experiment: Blood drawn 832 cc. Returned 780 cc.

*Note.* This dog was in good condition a month later and was used for the nephrectomy experiment described on page 636.

Experiment 9. July 1, 1914. Brown dog about 1 year old. Weight 7.75 kg.