

TRANSFUSION EQUIPMENT FOR A HOSPITAL

A. APPARATUS

1. Plain glass bottles of 1 litre capacity, marked 100 c. c., 400 c. c. and 700 c. c. at the proper levels.....	4
2. Rubber stoppers to fit the bottle (2 perforations).....	6
3. Glass tubing. The glass tubing has a total diameter of 3 mm., thickness of wall 1 mm.; opening 3 mm. (for identification see interpretation of Figures I and II). ^a	
C. Long right angle tubes, one arm 10 cm. long, the other 5 cm. long.....	3
F. } Short right angle tubes, each arm 5 cm. long.....	6
G. } Tube for suction or compression (dilated in center for reception of small bit of Q. cotton), 1 cm. long.....	4
K. Straight tubes, narrow at the top, 10 cm. long.....	2
M. U tube, short arm 4 cm. in length, long arm 25 cm. in length.....	3
4. Rubber tubing. The rubber tubing has a total diameter of 6½ mm., thickness of wall 1¼ mm., opening 3 mm.	
B. Short tubing for collection needle, 12 cm. long.....	3
G. } Tubing for suction or compression 30 cm. long.....	3
J. } Short tubing for introduction needle, 7 cm. long.....	3
L. Long tubing for introduction apparatus, 1 meter 30 c. long.....	2
5. Transfusion needles. These are made of steel. The total length of each needle is 4 cm.; the length of the shaft is 2½ cm.; the length of the point is 4 mm., the length of the base is 1¼ cm. with a flat portion on two opposite sides. The size of the needles and the number required are: 25/10 mm., 2; 20/10 mm., 2; 16/10 mm., 2; 13/10 mm., 2.	
6. Stone for sharpening needles.....	1
7. Small infusion cannulae. The total length of the cannula is 39 mm.; the length of the tip is 2 mm. and there is a small collar at the base of the tip, giving a diameter 1 mm. larger than that of the shaft; the length of the tip and shaft together is 33 mm.; the length of the base is 6 mm.; the sizes of the cannulae are: one of 20/10 mm., the other 25/10 mm.....	2
8. Pinchcock.....	1
9. Test tubes for needles.....	12
10. Small test tubes for cannulae.....	13
11. Paraffin 54° C.....	kilo 1
12. Emery paper small sheets.....	10
13. Wooden box, well made and finished, to carry above apparatus, labeled: "Transfusion, Medical Dept., U. S. Army."	

B. LABORATORY TRANSFUSION SUPPLIES

I. Bottles of Group II and Group III sera, labeled as below:

<i>Serum II</i>		<i>Serum III</i>	
Sodium citrate.....	1.5	Sodium citrate.....	1.5
Tricresol.....	.25	Tricresol.....	.25
Date.....		Date.....	

^a Figures 106 and 107.