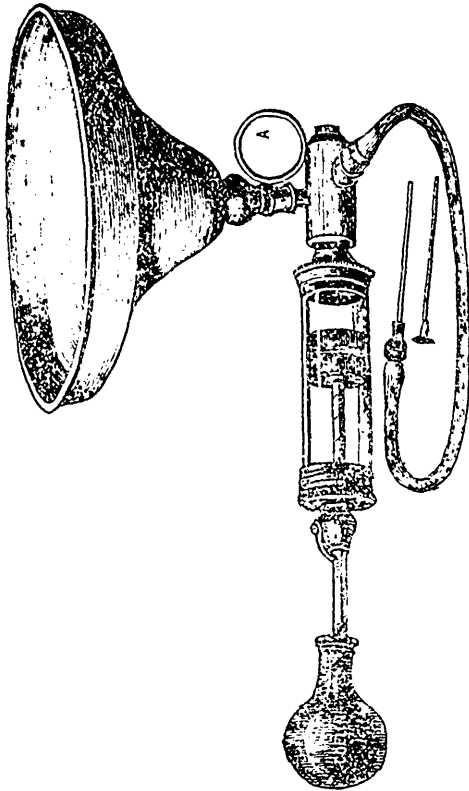


New Instruments.

APPARATUS FOR TRANSFUSION

The following wood-cut engraving, shows a new form of apparatus for the transfusion of blood, by M Collier (Paris.)



By a very simple and ingenious contrivance the valves which generally form part of these instruments, and which are so objectionable, are dispensed with. The extremity or nozzle of the syringe fits closely in a short cylinder, which communicates on the one hand with a funnel-shaped cup or reservoir, into which the blood is received, and on the other, with the injection tube. There is a lateral opening in the nozzle of the syringe, which corresponds with the opening, at the bottom of the reservoir. When the syringe is filled with blood, drawn from the reservoir, it is rotated one-fourth of a circle so that the lateral opening in the nozzle, shall correspond with the orifice of the injection tube, and the blood is forced on. The syringe is then rotated back again towards the reservoir, and

refilled and so on, the movements being effected with the greatest precision. The syringe holds about 10 grammes (154.3 grs) so that the operator can tell exactly, how much blood he has injected. This instrument may also be used with facility for injecting medicinal substances into the veins as in cases of tetanus, and the like, where the difficulty of swallowing fluids is very great. It is exceedingly simple in its construction, and is likely to come into general use.

Toronto Hospital Reports.

Detailed Analysis of the Diseases or Ailments for which patients received treatment, for the year ending Sept. 30th, 1874.

DISEASE.	Male.	Female.
Acne	1	
Anasarca	4	2
Amputations	16	12
Aneurism		1
Amblyopia Potatorum.....	1	
Anæmia.....		2
Alcoholism	4	1
Abortion		1
Asthma	1	1
Anchylosis.....	3	
Amenorrhœa		2
Abscess.....	12	5
Albuminuria	7	2
Apoplexy	1	
Abscision of Staphyloma	1	
Bubo	2	
Bronchitis	8	5
Contusion	6	1
Choroiditis, Serosa.....	1	
Chlorosis		2
Cancer, os Uteri		4
Cut Throat	1	1
Cataract	2	1
Canthoplasty	3	
Constipation	2	3
Cancer	8	6
Cerebritis	1	
Choræa		1
Catarrh	2	1
Concussion	2	
Cystitis	1	
Colica Pictonum	1	
Condylomata		1
Delirium Tremens	46	3
Dysentery	3	1
Diarrhœa	7	5
Debility	35	14
Distichiasis	1	
Dyspepsia	2	2