

Miscellaneous.

Curious Experiments in the Transfusion of Blood.

The transfer of blood from the bodies of healthy persons to those of the sick for the purpose of sustaining the strength and prolonging life has been practiced by physicians, with limited success, for several centuries.

Some very curious experiments in this direction have been lately made in Denver, Col., by Mr. G. A. Arrington, an account of which, written by his assistant, Mr. James L. Finch, was given in the Denver Daily News, from which we quote the following:

The subject operated upon was a medium sized terrier dog, in an artery in his neck, by which the animal was dead to death. He certainly passed through all the symptoms of a dog and soon after the last blood transfused from the wound his face became bright and rigid, and his eyes showed the senseless glare of death.

A large and powerful Newfoundland dog had been obtained for the purpose of being transfused with the blood of the dog which was transfused into the animal, and the attending surgeon proceeded to adjust the transfusing apparatus, and began to slowly inject the blood into the dead one.

Mr. Arrington began slowly working the respiratory bellows, while I kept rubbing the animal and bending his limbs and body to facilitate circulation. We could not have been more anxious about the issue of our efforts if they had been made on behalf of a human being instead of a dumb brute.

When a pint of fresh blood had been injected, I could see some change about the eyes of the dog. But no one spoke. One thought was common to all—would life come back? In a few moments more there was certainly a convulsive tremor noticeable in the body.

Mr. Arrington in undisturbed excitement, said to the surgeon, "Press the blood." In a minute or two more the dog gasped, and his attempts to eject the respiratory tube, which was accordingly withdrawn. This was followed by gasps and a catch of the breath, while the eyes grew brighter and more placid.

The second case was tested on the 2nd day of December. The subject selected was a calf six weeks old. The details of the treatment were similar to the foregoing, except for greater convenience a hot vapor bath was substituted for the warm water immersion.

The next experiment was of a different character, and was made with a view to see if a drowned animal could be restored to life. A small dog was forced under water, and drowned. He was then taken out, and laid with his head inclined downward to drain his lungs of water, and left for four hours in a warm room.

The Japanese dentist does not frighten his patients with an anesthetized instrument. All of his operations in tooth drawing are performed by the thumb and forefinger of one hand. The skill necessary to do this is only acquired after long practice, but once it is obtained the operator is able to extract a half dozen teeth in about 30 seconds, without once removing his fingers from the patient's mouth.

A fourth case was recently tried, in which the subject was a dog that was strangled and afterward frozen—so he could not be frozen without strangling—was unsuccessful. After four hours of labor no signs of life were noticeable. It is believed, however, that this experiment may yet succeed, and the life of a frozen animal restored.

It is proper to add that, in the first case, after the blood ceased to flow from the wound, measures were taken to prevent air entering the circulatory system as the animal cooled, and in all cases the respiratory apparatus was nicely adjusted to the capacity of the animal. If the lungs in any case had been ruptured or overstrained, hemorrhage would have subsequently ensued.

The first dog operated upon is now in the possession of Mr. Geo. Woodside, No. 831 Champa Street, and the calf in the stock lot of Mr. Boyd, west of the Plate, near the Thirtieth Street bridge.

A LETTER FROM MR. ARRINGTON. To the Editor of the Scientific American: Please find enclosed a copy of a plan of my assistant, Mr. J. L. Finch, in regard to some experiments instituted by me, in this city on restraining dogs by means of the Denver Daily News five days ago.

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Parlor Suits range in price from \$48 TO \$200. Bedroom Suits from \$32 TO \$200.

A FULL STOCK OF Household Furniture of All Kinds.

GILT WINDOW CORNICES. The Subscriber would also state that he has a quantity of

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OVER "MONITOR" OFFICE. Bridgetown, August 7th, 1884.

F. C. HARRIS, Licensed Auctioneer, Commission Merchant and Real Estate Agent.

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Public Auction. A. O. VANBUSEKIRK, Auctioneer.

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Automatic Shading Pan. FOR PLAIN, FANCY AND ORNAMENTAL PAINTING.

A. C. VANBUSEKIRK, Auctioneer. CASH SAVED Is Money Earned!

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Wanted! Wanted! A GIRL to do general house work.

BROWN'S MILLS, LAWRENCE TOWN.

Having a first-class miller, full power, three millstones, and a large quantity of flour, etc.

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For the Ladies. Household Hints.

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Having a first-class miller, full power, three millstones, and a large quantity of flour, etc.

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Joker's Corner. Burdette's Early Joking.

Burdette has quit the Burlington Herald, to which he has lent much vitality for many years.

Having a first-class miller, full power, three millstones, and a large quantity of flour, etc.

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