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Experiment 1st

March 20th. Took a puppy a month old and placed it on a piece of wood surrounded by water over which I put a glass cover so as to prevent the access of atmospheric air in ten minutes he showed great marks of uneasiness in 12 respiration became difficult, and in 17 minutes ceased altogether, at 18 minutes I took off one of the Ears, which was not followed by hemorrhage, respiration soon returned and the animal did not appear to be the least sensible of pain, in three days the Ear was perfectly healed.

2nd

Four days after the same puppy was exposed to a decomposition of the carbonate of lime by sulphuric Acid, In 1 minute respiration ceased I cut off the other Ear which was followed by very trifling hemorrhage, and as before did not appear to suffer any pain, in four days the wound healed. The day after the operation he seemed to require an additional quantity of food, which induced me to weigh him, and I found he gained 9 Oz. 1 Dr. = 24 grains in 9 days

3rd April 6th

Took the same puppy and proceeded as in Exp. 1st and respiration was acted on in much the same manner I cut off the tail and made an incision over the muscles of the loins through which I passed a ligature and made it tight. No appearance of uneasiness until the day following, when inflammation came on and subsequent Suppuration, The ligature came away on the 7th day, and the dog is remarkably increased in size and now perfectly well