

M0005142: Richard Lower's blood transfusion experiment, page from an account of 1666

Publication/Creation

14 April 1937

Persistent URL

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Keeney
in the
New
Nov. 22
1666.

An acc^t of the Experiment of the Transfusion of Blood
out of one Animal into another first performed by Dr
Lower, ~~to whom we are indebted for the method of it~~
~~to the Hon^{ble} R. Society, in Gresham College by Mr King and Mr Thomas Lower,~~
~~two of the Hon^{ble} R. Society, in Gresham College by Mr King and Mr Thomas Lower,~~

For obediently Curators by your Society for that Experiment
I ordered to go (by commands, we try'd this experiment
first upon a couple of sheeps; (viz) having try'd them
we plac'd them in a convenient Posture, we lay'd bare
the Carotid Arterie of the one sheep near 2 inches
dividing from it the nerve of the 8th Pair; then
we made a Ligature upon the upper part of the
Arterie (next the head) and try'd a fast knot; ~~then~~
we made another Ligature upon the other end
next the Clavicle with a widening knot; then
we made ~~an opening~~ ^{an opening} ~~a perforation~~ on this side of the Arterie
Knot, at a convenient distance, and put in
a Brass Pipe and try'd it fast in: the which pipe we
stop'd very close; and ~~bring~~ ^{bring} over ~~it~~ ^{it} againe till
we had prepar'd the other sheep, as follows: (viz)
we lay'd bare the Jugular ^{vein} about the same distance
as before (rather more) and made a Ligature at
either end, with a widening knot; then on
this side of each knot, (having made a p^{er}foration) we put
in a Brass pipe, Both try'd very fast in: & close
stop'd. then we order'd the position of the sheeps as
we ~~conveniently~~ ^{conveniently} plac'd other pipes, so con-
-veigh the blood from the Arterie of the one
sheep to the vein of the other. which does medi-
ately flow upon the slipping of the widening knots,
the recipient sheep being plac'd a little lower then
the emittent, and the position kept steady;
then we profently slid the widening knot also off
the upper part of the Jugular ^{vein} and receive'd blood
from thence (proportionably to what ^{was} admitted
into the lower part of it) (or near it.) We did
take away by the upper part of the vein about
4 or 5 pints according to Guess: about which time
the emittent grew faint, which made the owner
+ very earnest to kill it, the usuall way, with