

**Supplementary Table S1**—Descriptive data for each of 15 cadaveric heads of dairy goat kids that were shot with a .22-caliber, 16-g pellet that was fired from a multi-pump air pistol at half (5 pumps; n = 2), intermediate (7 pumps; 2), or full (10 pumps; 11) power.

<b>Cadaver</b>	<b>Sex</b>	<b>Skull thickness (mm)</b>	<b>Assigned treatment (No. of pumps)</b>	<b>Entry fracture location</b>	<b>Intra-parenchymal gas tracks (Y/N)</b>	<b>Intra-parenchymal gas pockets</b>	<b>Location of largest pellet fragment</b>	<b>Penetration of brainstem (Y/N)</b>
1	F	1.25	10	Parietal bone, left side	N	Several pockets in calvarium	Left temporal lobe with extension into the rostroventral aspect of the squamous temporal bone (in line with TMJ)	N
2	F	1.25	10	Frontal bone, left side	Y	None	Medial to left mandibular ramus (in line with TMJ)	N
3	M	2.50	10	Parietal bone, left side	N	Several pockets in calvarium	Left parietal lobe, dorsal near midline, 0.5 cm depth from entry fracture	N
4	M	1.50	10	Frontal bone, left side	Y	Large volume of gas at entry fracture	Medial to left mandibular ramus (in line with TMJ)	N
5	F	1.50	10	Frontal suture, immediately rostral to fontanel	N	Several pockets in calvarium	Left-mid basisphenoid, not completely through bone	Y
6	M	1.75	10	Parietal bone, left side	Y	None	Left basisphenoid, not completely through bone	N

7	M	1.00	5	Fontanel	N	Several pockets around pellet	Left temporal lobe	Y
8	M	3.00	5	No entry fracture	N	None	No pellet observed	N
9	F	1.75	7	Fontanel	N	Several pockets in calvarium	Left basisphenoid and temporal bone junction, not completely through bone	Y
10	F	1.75	7	Frontoparietal suture, left side	N	Several pockets around pellet	Midline between parietal lobes	N
11	M	3.00	10	Frontal bone, right side	Y	None	Right temporal lobe	Y
12	M	2.50	10	Parietal bone, left side	N	None	Between crus cerebri and piriform lobe	Y
13	M	1.75	10	Frontal bone, left side	N	Multiple gas pockets; near entry, near pellet, and right orbital space	Left basisphenoid and temporal bone junction, external to calvarium	N
14	F	2.50	10	Frontoparietal suture, left side	Y	None	Nasopharynx between pterygoid bones	Y
15	F	1.25	10	Left parietal bone central	Y	None	Left temporal lobe adjacent to internal ear structures	Y

All kids were acquired from the same commercial dairy goat operation and were  $\leq 5$  days old at the time of euthanasia for reasons unrelated to the study.

Measurements and data regarding lesion and pellet locations were obtained from CT images. TMJ = Temporomandibular joint.