

'Scribe' initials	Weighed by (Initials)
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Restricted: Necropsy Data Capture Sheet for Project P10109OT-HUM

1. EID Number

Date of necropsy

2. Animal Details

Sex (√)

Male

Female

Weight

kg

3. Cutaneous/subcutaneous wounds

A. Rifle

Wound ID	(√)	Entry/Exit (Circle one answer only)	Related to En	AU (one unit only)	Perforation (Circle one answer only)	Max. diameter	Appearance	Infected? (Circle one answer only)
Wound A	ND <input type="checkbox"/>	En / Ex / U			N / P / T / U	mm	H / O / F / U / p	Y / N / U
Wound B	ND <input type="checkbox"/>	En / Ex / U			N / P / T / U	mm	H / O / F / U / p	Y / N / U
Wound C	ND <input type="checkbox"/>	En / Ex / U			N / P / T / U	mm	H / O / F / U / p	Y / N / U
Wound D	ND <input type="checkbox"/>	En / Ex / U			N / P / T / U	mm	H / O / F / U / p	Y / N / U
Wound E	ND <input type="checkbox"/>	En / Ex / U			N / P / T / U	mm	H / O / F / U / p	Y / N / U
Wound F	ND <input type="checkbox"/>	En / Ex / U			N / P / T / U	mm	H / O / F / U / p	Y / N / U

B. Shotgun

Wound ID	(√)	Entry/Exit (Circle one answer only)	Related to En	AU (one unit only)	Perforation (Circle one answer only)	Appearance	Infected? (Circle one answer only)
Cluster T	ND <input type="checkbox"/>	En / Ex / U			N / P / T / U	H / O / F / U / p	Y / N / U
Cluster W	ND <input type="checkbox"/>	En / Ex / U			N / P / T / U	H / O / F / U / p	Y / N / U
Cluster Y	ND <input type="checkbox"/>	En / Ex / U			N / P / T / U	H / O / F / U / p	Y / N / U
Cluster Z	ND <input type="checkbox"/>	En / Ex / U			N / P / T / U	H / O / F / U / p	Y / N / U

Wound ID: if possible, record entry wounds first. Consider a cluster of shotgun wounds as **one** unit.

ND: not detected – once all wounds have been identified and recorded, tick this box in any remaining unused rows in both tables.

Entry/Exit: if possible, determine if wound is an entry (En) or exit (Ex) wound. **Related to En:** if an exit wound is identified, if possible, record the related entry wound letter – if wound is an exit wound, but the related entry wound cannot be identified, record U.

AU: anatomical unit affected as shown on diagram in SOP5 Appendix 1; for shotgun wounds, record the AU in which the pellet density is highest. If the wound is in a transitional zone involving more than one AU, record the AU where there is most damage.

Perforation: N = Non-penetrating, P = Penetrating, no exit, T = Through.

Diameter: record maximum diameter of rifle wounds.

Appearance: H = Fresh frank haemorrhage and/or oedema, O = Organising blood clot/exudate, F = Fibrosis and scar formation, p = Post mortem

Infected?: Y = Yes, N = No.

For all columns where U is an option: U = Uncertain/Undetermined.

The **Entry/Exit**, **AU**, **Perforation**, **Maximum diameter**, **Appearance** and **Infected?** columns must be completed for all rifle wounds identified.

The **Entry/Exit**, **AU**, **Perforation**, **Appearance** and **Infected?** columns must be completed for all shotgun wounds identified.

Comments (skin/subcutaneous tissue)

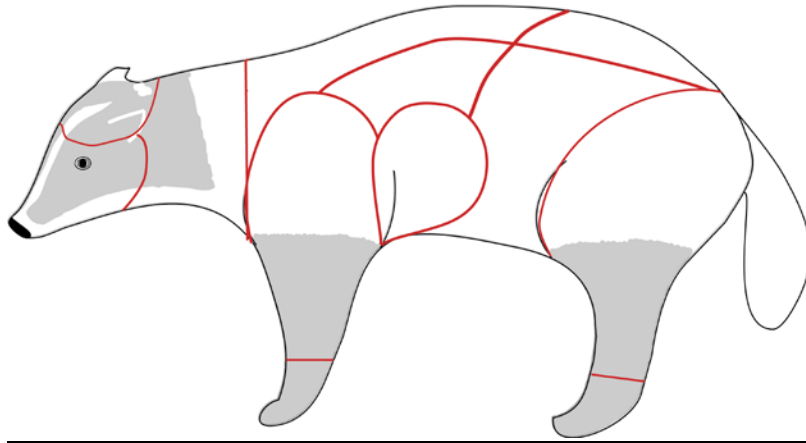
Continuation sheet used (√)

EID Number

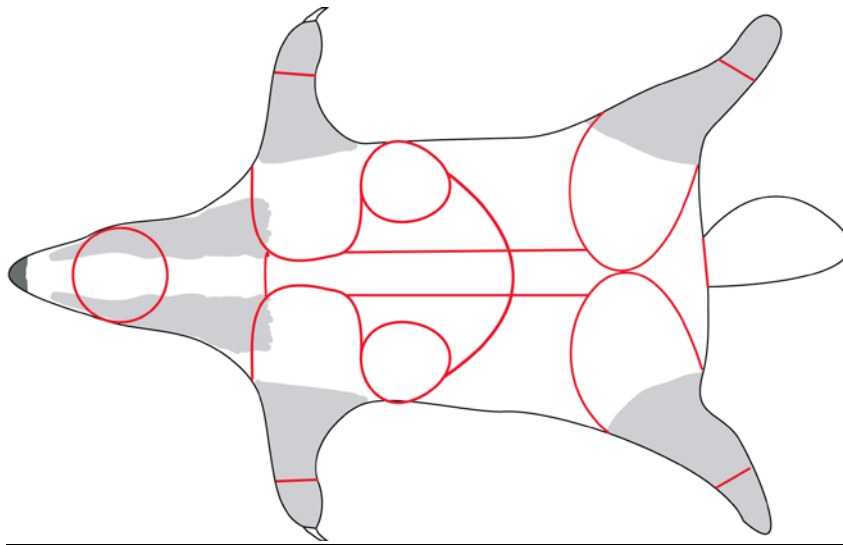
4. Plot of cutaneous/subcutaneous wounds

Plot the cutaneous/subcutaneous wounds on the diagram using the same nomenclature used in the table on the previous page (for example a cross labelled A to indicate where on the body rifle wound A was detected). **Give the location for each wound once only, and only on one of the three diagrams.** For rifle shots, note with a cross. For shotgun pellet clusters, shade the affected area and if possible give an approximate direction indicated by an arrow.

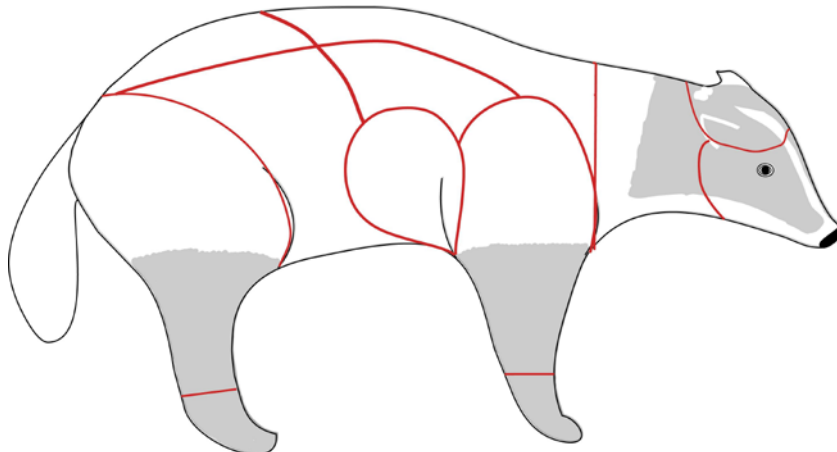
left



dorsal



right



EID
Number

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Firearms Injury: Y = Yes, N = No, U = Uncertain/Undetermined. If yes circled for heart, lung or liver, tick (✓) one box to indicate approx. percentage of damaged tissue. For kidney, circle 'One' if unilateral lesion, 'Both' for bilateral lesion. For the legs, circle 'Left' or 'Right' if unilateral; circle left and right (one large circle) if bilateral. **Appearance:** H = Fresh frank haemorrhage and/or oedema, O = Organising blood clot/exudate, F = Fibrosis and scar formation, U = Uncertain/Undetermined, p = Post mortem, c = Complex. **Infected?:** Y = Yes, N = No, U = Uncertain/Undetermined. **Attributed to entry wound:** if possible, record the letter of the entry wound(s) that correspond to any firearms injury recorded in the row – if not possible to determine, record U. The **Firearms injury** column must be completed for all anatomical regions listed. If a firearms injury is identified, then the **Appearance, Infected? and Attributed to entry wound** columns must also be completed for that row.

5. Internal tissue damage attributable to firearms injury

		Firearms Injury (Circle one answer only – except for legs; if both legs affected, circle left and right)	Appearance	Infected? (Circle one answer only)	Attributed to entry wound(s)
Head	Face	Y / N / U	H / O / F / U / p / c	Y / N / U	
	Cranium	Y / N / U	H / O / F / U / p / c	Y / N / U	
Neck	Muscles	Y / N / U	H / O / F / U / p / c	Y / N / U	
	Trachea/oesophagus	Y / N / U	H / O / F / U / p / c	Y / N / U	
	Major blood vessel	Y / N / U			
Thorax	Heart (✓)	Y / N / U If yes, ≤ ~5% <input type="checkbox"/> > ~5% to ≤ ~20% <input type="checkbox"/> > ~20% to ≤ 100% <input type="checkbox"/>	H / O / F / U / p / c	Y / N / U	
	Lungs (✓)	Y / N / U If yes, ≤ ~33% <input type="checkbox"/> > ~33% to ≤ ~66% <input type="checkbox"/> > ~66% to ≤ 100% <input type="checkbox"/>	H / O / F / U / p / c	Y / N / U	
	Diaphragm	Y / N / U	H / O / F / U / p / c	Y / N / U	
Abdomen/pelvis	Liver (✓)	Y / N / U If yes, ≤ ~33% <input type="checkbox"/> > ~33% to ≤ ~66% <input type="checkbox"/> > ~66% to ≤ 100% <input type="checkbox"/>	H / O / F / U / p / c	Y / N / U	
	Spleen	Y / N / U	H / O / F / U / p / c	Y / N / U	
	Intestine (includes stomach)	Y / N / U	H / O / F / U / p / c	Y / N / U	
	Kidney	One / Both / N / U	H / O / F / U / p / c	Y / N / U	
Front leg	Muscles/tendons	Left / Right / N / U	H / O / F / U / p / c	Y / N / U	
	Major blood vessel	Left / Right / N / U			
Front foot	Foot	Left / Right / N / U	H / O / F / U / p / c	Y / N / U	
Hind leg	Muscles/tendons	Left / Right / N / U	H / O / F / U / p / c	Y / N / U	
	Major blood vessel	Left / Right / N / U			
Hind foot	Foot	Left / Right / N / U	H / O / F / U / p / c	Y / N / U	
Tail	Tail	Y / N / U	H / O / F / U / p / c	Y / N / U	
Additional findings		(Circle one answer only)			
Whole carcass	Extreme pallor	Y / N / U			
	Thorax	Free blood in thoracic cavity (✓)	Y / N / U If yes, ≤ ~25ml <input type="checkbox"/> > ~25ml <input type="checkbox"/>		
		Pulmonary emphysema due to firearms injury	Y / N / U		
Abdomen/pelvis	Free blood in abdominal cavity (✓)	Y / N / U If yes, ≤ ~25ml <input type="checkbox"/> > ~25ml <input type="checkbox"/>			

EID Number

Comments (internal tissue damage)

Continuation sheet used (√)

6. Photography
(tick if photo taken)

Photo: Firearms injury (√)

7. Is there evidence of significant post mortem change, to the degree that this necropsy was uninterpretable with respect to the aims of the study (tick one box) (√)

Yes No

8. Are bullet fragments/shotgun pellets present on the radiographs, which are not associated with acute pathology? (tick one box) (√). If yes, please provide details in the 'tissue damage' comments section above.

Yes No

9. Overall assessment

Cause of Death (CoD) (tick one box only) (√)

- Fatal firearms injury
- Firearms injury with subsequent infection
- Firearms injury with major disablement
- Other cause with incidental firearms injury
- Other cause with no firearms injury

Level of confidence of CoD (tick one box only) (√)

- Very confident (no reasonable doubt about the CoD)
- Fairly confident (the CoD is likely to be correct, but there is some doubt)
- Not confident (the CoD recorded is considered the most likely of the 5 options, but there is significant doubt)

Signature of examining vet

Name of examining vet

Date

Signature of 'data supervisor'

Name of 'data supervisor'

Date