

Supplementary Materials S1

Six month physical assessment form

To be completed for all bitches allocated to the prepubertal neutering study (trial and control dogs).

To be completed at **6 months** of age, within the individual timeframe specified by Canine Research. For bitches in the PPN group, this form should be completed prior to surgery.

To be completed by the Centre Vet.

Please return completed forms and digital photographs to
canine.research@guidedogs.org.uk

Dog Name:	
Computer Number:	
Trial Group:	
Assessment window:	
Date completed:	

General Physical Assessment

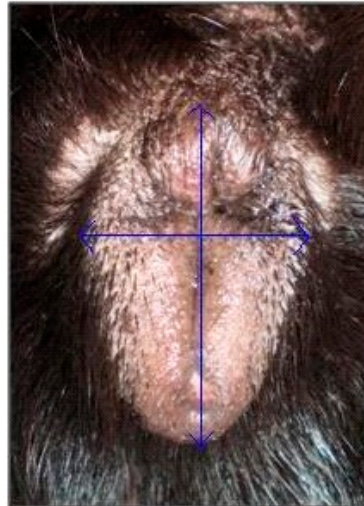
Height at the withers: To be measured using the measuring stick provided by Canine Research	cms
Weight:	Kg
BCS:	1 <input type="checkbox"/> , 2 <input type="checkbox"/> , 3 <input type="checkbox"/> , 4 <input type="checkbox"/> , 5 <input type="checkbox"/> , 6 <input type="checkbox"/> , 7 <input type="checkbox"/> , 8 <input type="checkbox"/> , 9 <input type="checkbox"/>

For 6-month-old puppies please refer to Guide Dogs' Puppy Body Condition Scoring System.

Physical Appearance of the Vulva

Please take a digital photograph of the vulva - to be emailed with this completed questionnaire to the email address above.

The photograph should be taken in portrait orientation at 90° to the vulva. The vulva should occupy the majority of the photograph - please see the photograph below as an example.



This photograph illustrates the measurement points for the required measurements below:

Overall length of the vulva:	cm
Overall width of the vulva:	cm

Does the vulva appear swollen?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
Is any vaginal discharge present?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
Does the vulva appear juvenile in appearance? (More so than expected for age)	Yes <input type="checkbox"/> , No <input type="checkbox"/>
Does the vulva appear recessed/inverted?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
Are there prominent perivulval skin folds present?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
Is there any perivulval dermatitis present?	Yes <input type="checkbox"/> , No <input type="checkbox"/>

Clinical History

To be completed from the dog's clinical history and evidence present at the time of the 6-month physical assessment.

Does the puppy have existing pre-pubertal vaginitis or history of any vulval discharge?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
Has the puppy already shown signs of oestrus?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
Is there any evidence of mammary enlargement at the time of the physical assessment?	Yes <input type="checkbox"/> , No <input type="checkbox"/>

Are there any clinical signs consistent with endocrine disease (including for example symmetrical skin disease, polydipsia, polyuria)?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
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17 Month Physical Assessment Form

To be completed for all bitches allocated to the prepubertal neutering study (trial and control dogs).

To be completed at **17 months** of age.

To be completed by the Centre Vet or Dog Health and Wellbeing Specialist.

Please return completed forms and digital photographs to
canine.research@guidedogs.org.uk

Dog Name:	
Computer Number:	
Trial Group:	
Assessment window:	
Date completed:	

General Physical Assessment

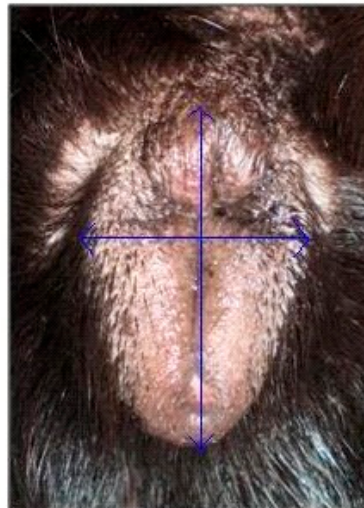
Height at the withers: To be measured using the measuring stick provided by Canine Research	cms
Weight:	Kg
BCS:	1 <input type="checkbox"/> , 2 <input type="checkbox"/> , 3 <input type="checkbox"/> , 4 <input type="checkbox"/> , 5 <input type="checkbox"/> , 6 <input type="checkbox"/> , 7 <input type="checkbox"/> , 8 <input type="checkbox"/> , 9 <input type="checkbox"/>

Please refer to Guide Dogs' Adult Dog Body Condition Scoring System.

Physical Appearance of the Vulva

Please take a digital photograph of the vulva - to be emailed with this completed questionnaire to the email address above.

The photograph should be taken in portrait orientation at 90° to the vulva. The vulva should occupy the majority of the photograph - please see the photograph below as an example.



This photograph illustrates the measurement points for the required measurements below:

Overall length of the vulva:	cm
Overall width of the vulva:	cm

Does the vulva appear swollen?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
Is any vaginal discharge present?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
Does the vulva appear juvenile in appearance?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
Does the vulva appear recessed/inverted?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
Are there prominent perivulval skin folds present?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
Is there any perivulval dermatitis present?	Yes <input type="checkbox"/> , No <input type="checkbox"/>

For dogs that have been withdrawn only (to be used in chapter 9 related to future health):

Has the dog been diagnosed with any health problems since being rehomed?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
If 'Yes', please detail	

If 'Yes', does the owner give consent for Canine Research to contact their veterinary practice to obtain further details if required?	Yes <input type="checkbox"/> , No <input type="checkbox"/>
If 'Yes', please provide contact details for the veterinary practice	