ASSESSMENT FOR CERTIFICATION OF COMPETENCE IN FETAL MORPHOLOGICAL EXAMINATION

LABORATORY LITTER ASSESSMENT - BOUIN'S FLUID FIXED HEAD SECTION EXAMINATION



THE INTERNATIONAL REGISTER OF FETAL MORPHOLOGISTS

Name of Candio	date: LC	OUISE SP	EIGHT	11.000	
Name of Applicant (Laboratory):		Louise Speight, Labcorp (Harrogate)			
Examination type assessed (species):			BOUIN'S FLUID FIXED HEAD SECTION EXAMINATION RABBIT		
Date of assessment:		07 Decembe	07 December 2022		
Names of assessors:		Nancy Pow	ell, Julian French		
Specimens used for assessment: [insert Study code, litter and fetus ID in each box]					
Training	Taum 2	Ć			
Key for abbreviations: P - Needed prompting PP - Needed frequent prompting VIP - Volunteered information previously DK - Didn't know the answer NC - Not consistent in technique					
Assessor's Summary: [delete or underline to highlight the appropriate description from the options below:] Competent competent and focussed /engaged and focussed during the assessment and demonstrated / effectively communicated a sound knowledge / an impressive understanding / of all aspects					
Assessor signature	es M	Joine	QQ		

Name of Candidate: LOUISE SPEIGHT		
Date	07/02/2022	

Name of Candidate: LOUISE SPEIGHT	_
COMMENTS FROM LABORATORY SPECIMEN EXAMINATION: [insert free text in	

Talk through/procedure

boxes]

Question	Acceptable Response	Response
Sectioning – how many sections, why?	Consistency with colleagues; enables examination of specific head regions	Scaling through angle of joins dume
What is the importance of keeping the sections symmetrical? How do you achieve this?	Lateral symmetry or organs/brain areas; able to identify anomalies easier - aajust, at wedge he make next selion symmetric	Luy art sections in order. - Depends of size of bench - ino. sections. Standard thickness.
What would you do if a section wasn't symmetrical?	Recut/resection	
Describe to me what you are doing	Looking at both sides of section (dem and checking laterality of paired structures Re-sectioning Looking at size shape form	IN ear sectors, solvers stands, toth genes sins in musde. Tongue - dech for attachment. Nasad septim, teelt Eyes, bus, relina (dech lens for size appearance), retina is smooth, venhi ophi nenes, lateral senheles, pinular Jasanhale, 4th van hiele, pineal stand.
What might you see in that namb . section? [Describe section]		Nasal septin about, conduce not as 'pulty', haemorhage.
What might you see in that £000 section? [Describe section]		Reiner, comea, lens-looking har anything amone, texture, lidds.
What might you see in that be section? [Describe section]		takenatists inputate initial ventuals dustanded had her right size, extended expected position
Note when candidate is recording observations – as they are found or at the end of the examination		Duning examination

Name of Candidate: LOUISE SPEIGHT	
-----------------------------------	--

Talk through/procedure

Question	Acceptable Response	Response
Confirm that sections are being manipulated appropriately.		Selvous-both Sides examines

Consistency in procedural routines

Question	Acceptable Response	Response
Can you think what the importance of consistency in magnification across examiners might be?	Consistency is important so that all examiners see and record to the same level of detail.	Always the rane 0.67x
Do you always use the same sequence and routine for examination? Why do you think that it is important?	Yes – don't miss anything, important for pattern recognition, subconscious alert.	VIC
Do you think it is necessary to look at structures from more than one aspect?	Yes – build up picture of structures by following them through the sections, ensuring correct size, shape and form. Important to look at both sides of sections	N.P.
Which structures would you examine in situ before you go on to disturb the tissues?	Lenses before clearing humour to check retina, palate before sectioning, cerebellum	

Terminology and recognition levels used

Question	Acceptable Response	Response
How do you decide to record observations?	User guides and recognition levels	Taining nateral.
What could you do to make sure that you've chosen the most accurate term?	Discuss with colleagues, reference material, user guides and recognition levels	-
Would you assign a severity level, why?	User guides and recognition levels	Mallamón ar Variation

Name of Candidate: LOUISE SPEIGHT	
-----------------------------------	--

Terminology and recognition levels used

Question	Acceptable Response	Response
How do you ensure other examiners are using the same terms as you for the same observation?	Recognition levels/peer review/consistency check. Mention that examiner records are traceable back to original examiner.	VIP. 501.
And for severities?	Discuss/review findings with colleagues, refer to recognition levels/user manuals/training/reference material/background data	V16.

Recognition of artefacts

Question	Acceptable Response	Response
How would you decide if real or artefact?	Does the condition of adjacent sections support your decision?	
	Reconstruct the sections, check forwards and backwards through the sections, both sides of each section	
What procedural errors are likely to lead to artefacts?	Are the margins of the structure smooth or jagged?	crystals.
	Has the specimen not been placed in sufficient fixative, resulting in poor decalcification?	Distrition because of difficulty to section
	Has the fixation caused any shrinkage or swelling?	
	Is the structure an unusual colour?	
	Background knowledge/experience	
	Refer to necropsy observations, correct handling of specimens	

ame of Candidate: LOUISE SPEIGHT	Γ
----------------------------------	---

Recognition of artefacts

Question	Acceptable Response	Response
Can you think of any observations which could be caused by an artefact?	Cystic dilatation, haemorrhage, absent pinna, forceps damage to palate, blood in cochlea, head damaged when cut off from body	Skunned heads. Damage VIIP
Would you record artefacts? How would you record an artefact?	Explain how	fewerd ansytem.

Correct identification of anomalies

Question	Acceptable Response	Response
What could you do to make sure that you've chosen the most accurate term?	Discuss/review findings with colleagues; refer to recognition levels/user manuals/training material/background data.	116
Why have you used that term? (any observation with a recognition level, relative to the norm)	Give reason based on degree of displacement, normal variation. Based on symmetry; alignment; position in relation to other structures, normal variation	VIP
How would you decide if you thought one eye was displaced?	Give reason based on degree of displacement, normal variation, alignment; position in relation to other structures, normal variation; compare to normal specimen	÷
What would you do if you thought the pituitary gland was missing?	Recut/resection	
What anomalies might you see in the/state region?.		

Name of Candidate: LOUISE SPEIGHT	
-----------------------------------	--

Correct identification of anomalies

Question	Acceptable Response	Response
What anomalies might you see in the/ state region?		
What anomalies might you see in the/state region?		

Demonstration of knowledge of consequence of findings (choose minimum of 3 from this section) $\,$

What else might you see with:	Acceptable Response	Response
Single naris	Single incisor socket, displaced orbital sockets, form of oral cavity	
Flat eye bulge	Check for presence/size of eye	contum'
Domed head	Dilated ventricles (lateral, 3rd and 4th) Check for artefact and size of fetus	Doprotion.
Short lower jaw	Large/small/protruding tongue, absent incisors, form of oral cavity	cell-parates, cans out or position.
Skin lesion/haemorrhage cranium	Meningocoele (skin covered), 4 th ventricle dilation.	
What would you expect to record in association with low fetal weight?	Thin, translucent, fragile skin, oedema over snout, domed cranium, apparent change in size of eye bulge, non-eruption of incisors, "perimeningal cavitation", dilation of ventricles, change in shape of lens, separation of subcutaneous layers, very clear fixation	
	[Check day of PM if whole litter affected]	