

DOPS Assessment of practical skills

Mouse Intraperitoneal Injection



Assessment criteria/ Grading

(Please tick boxes according to criteria demonstrated)

“Below expectations” [BE] eg

- Fails to check legal authorities, animal details, id;
- Fails to choose suitable PPE and/or prepare clean equipment
- Poor animal handling, or risk of injury; animal showing signs of distress
- Unsuitable site, volume or preparation for injection
- Unable to restrain the animal
- More than 3 attempts to perform the procedure
- Unaware of maximum/minimum volume to administer
- If the animal bleeds
- Needle inserted in a parallel or perpendicular angle

“Borderline” [Bo] eg

- Carries out procedure but with hesitation
- Poor mouse restraint and handling
- Poor choice of syringe and needle (not adequate)
- More than 2 attempts needed to perform the procedure
- Needle insertion in the right place with an angle near 45 °

Requirements for “meets expectations” [ME] eg

- Checks correct Licence authorities & animal's id
- Wears correct PPE (mask, gloves)
- Able to gently catch and restrain the animal
- Recognizes an appropriate volume for injection
- Handles sample/saline appropriately
- Knows how to remove bubbles/air from the syringe
- Knows the correct syringe and needle to use for the procedure/volume
- Needle insertion in the right place with an angle of 45 °
- Performs injection at first attempt
- Performs reflux before injection
- Inserts the right amount of needle in the animal body
- Gently removes the needle of the animal body and correctly discard it
- Gently returns the animal to the cage
- Cage label/record updated
- Demonstrates respect towards staff and animals throughout
- Leaves workspace clean & tidy
- Communicates effectively

“Exceeds expectations” [EE] as “meets” and e.g:

- Demonstrates excellent manual dexterity in handling and sampling
- Confident, capable and empathetic animal handling
- Explain reasons for choice of the size of needle and syringe
- Knowledge of how to manage serial injections (eg daily) and awareness of animal monitoring in that particular case
- Identify potential welfare problems and signs of distress in case of procedure failure

Requirement to be assessed as **COMPETENT**: One borderline score or better.

Candidates scoring “Below expectations” on any point **OR** two borderline scores are recommended to “continue supervision”

Feedback for trainee:

Things done particularly well	
Learning points	
Action points	
Formative Only <input type="checkbox"/>	Trainee Not yet competent <input type="checkbox"/>
Trainee Competent <input type="checkbox"/>	
Assessor Name : _____ Signature : _____	Trainee Name : _____ Signature : _____
DATE:	

GLOBAL RATING: **COMPETENT**

CONTINUE SUPERVISION