OSCE Code LD01

NVQ Level 3 National Occupational Standard Ref: VetN 6.1, 6.3, 6.4

Level 3 Diploma in Veterinary Nursing Ref: VN 10.2, VN 5.1

This OSCE will be used to assess the awards indicated

Award	Award Reference	Pathway	
NVQ Level 3	100/6216/6	Small Animal	✓
NVQ Level 3	100/6216/6	Equine	x
Level 3 Diploma in Veterinary Nursing	500/9872/X	Small Animal	✓
Level 3 Diploma in Veterinary Nursing	500/9872/X	Equine	✓
Level 3 Diploma in Veterinary Nursing	500/9872/X	Small Animal (Transitional)	✓
Level 3 Diploma in Veterinary Nursing	500/9872/X	Equine (Transitional)	x

The veterinary surgeon has recently obtained a urine sample from a patient with signs of cystitis. The sample has been centrifuged and you are requested to prepare this sample for examination under the microscope to examine the sediment.

a. Make and prepare the slide for examination

b. Using this microscope provided, find a crystal and place it in the centre of the field of view. (Please note: you are not expected to identify this crystal)

c. Identify the crystals shown in the photographs

Note: The photographs will be selected from a range of common crystals found in small animal and equine patients

Methodology: you will be expected to:	
1.	Select a pipette
2.	Select microscope slide
3.	Wear gloves
4.	Remove most of the supernatant fluid and dispose of correctly
5.	Sediment not disturbed
6.	Re-suspend the sediment in remaining supernatant fluid (by flicking the tube or gently shaking it)
7.	Pipette up a small amount of remaining supernatant and sediment
8.	Place one drop onto microscope slide
9.	Carefully place a cover slip over sample avoiding air bubbles
10.	Label slide
11.	Dispose of used pipette, urine and used materials into clinical waste bin
12.	Slide prepared correctly for examination (e.g. supernatant removed, crystals not damaged)
13.	Safe practice: gloves worn and no contamination of self with urine
14.	Place microscope slide on stage, correct way up
15.	Look at the stage directly whilst racking it up so that it is positioned just below the objective lens
16.	Look down eyepieces
17.	Adjust the coarse and fine focus to focus the microscope
18.	Methodically scan the area of slide
19.	Locate a crystal
20.	Correctly identify urine crystal in the photograph