

OSCE Code 7457-350 Nursing Care 01 (Fluid therapy) for Unit 311

This station covers the following RCVS Day One Skills: 7.1

This OSCE will be used to assess the awards indicated

Award	Award Reference	Pathway
7457 – Level 3 Diploma in Veterinary Nursing	600/6052/6	Small Animal
7457 – Level 3 Diploma in Veterinary Nursing	600/6052/9	Equine

Scenario

The veterinary surgeon decides that a patient requires administration of intravenous crystalloid fluids, over a period of x hours.

Set up an infusion using the fluid and giving set provided.

For this patient you are required to calculate:

- a. The total daily maintenance
- b. ml per hour
- c. The fluid administration rate (Drops per minute or frequency of drops)

Show all your workings including units

Maintenance rate calculations: x ml/kg/day

Drip factor: x drops/ml

Methodology: You will be expected to:	
1.	Remove administration set from packaging
2.	Turn off regulator
3.	Hang fluid bag on drip stand
4.	Remove protective tag from the administration port
5.	Insert administration set into fluid bag using an aseptic technique
6.	Squeeze chamber approximately a $\frac{1}{3}$ to $\frac{3}{4}$ full
7.	Release regulator to fill drip line
8.	Turn off regulator
9.	No significant air bubbles left within the drip line
10.	Minimal wastage of fluid
11.	Aseptic technique maintained
12.	Daily maintenance requirement calculation correct
13.	ml per hour calculation correct
14.	Fluid administration rate correct (drops/min or frequency of drops)
15.	Correct units of measurement used for final answer