

## OSCE Code 7457-350 Nursing Care 11 (IM injection 2) for Unit 311

This station covers the following RCVS Day One Skills: 1.1, 3.6, 4.9, 7.2, 7.3, 8.3

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

A thoroughbred foal has a stake injury to his ventral chest. He is to have antibiotic cover of [trade name].

- a. Using the dose rate x mg/kg, calculate the correct dose of [trade name] to be given to this patient
- b. Prepare an appropriate needle and syringe and draw up the correct dose of [trade name] injection. *The examiner will indicate where you need to place the syringe in order for it to be checked.*
- c. Using the prepared syringe, administer the injection into the pectoral muscle. Record the administration of the medication on the hospital chart provided.

Show all your workings including units

<b>Methodology: You will be expected to:</b>	
1.	Using an appropriate methodology calculate the correct dose of [trade name]
2.	Correct units of measurement given for final answer
3.	Select [trade name] vial
4.	Check expiry date and date of first opening
5.	Select appropriate syringe
6.	Select appropriate gauge needle
7.	Select spirit and swab/cotton wool
8.	Assemble syringe and needle using an aseptic technique
9.	Swab top of vial
10.	Invert the vial to mix the drug
11.	Introduce needle to vial using an aseptic technique
12.	Draw back correct volume of drug required
13.	Withdraw needle from vial
14.	Change needle and dispose of appropriately
15.	Needle either not resheathed <b>or</b> resheathed using safe technique (for instruction B)
16.	Ensure foal is restrained effectively
17.	Select an appropriate injection site
18.	Introduce the needle at right angles to the skin
19.	Draw back slightly on plunger to check for venepuncture
20.	Inject drug slowly
21.	Withdraw needle from the patient
22.	Massage injection site gently
23.	Dispose of used needle in the medicinal sharps bin
24.	Dispose of syringe in appropriate container
25.	Needle not resheathed (For instruction C)
26.	Record administration of medication fully on hospital sheet
27.	emonstrate safe, effective and aseptic technique