

## FEL\_002 - Intravenous Catheterisation in Cats

### I. OBJECTIVE

To be able to place an IV catheter in a cat, safely

### II. COMMENTS / RECOMMENDATIONS

Trained member of staff should only complete this procedure.

### III. PROCEDURE

- Wash Hands with soap
- Dry with hand towel, make sure hands are dry before selecting equipment
- Select alcoholic chlorhexidine soaked swabs
- Select appropriate size intravenous catheter for the animal
- Open the catheter container
- Take IV catheter out of container
- Loosen stylet and bung from the catheter (but do not remove) return to container
- Draw up 5 mls of 0.9% NaCl in a syringe
- Select T-Port extension
- Open the T-Port extension package and flush with NaCl
- Select Leukosilk and co-flex tape
- Cut an appropriate length of leukosilk (enough to go around the leg one and half times)
- Select a small amount of gauze swabs
- Place all consumables in kidney dish
- Remove cat from cage, ensuring all limbs are restrained and lift onto table that has been covered with a towel
- 2nd person to restrain feline's head with one hand, ensuring whiskers are pushed back, second hand extending forelimb while exposing cephalic vein
- Clip approximately a 3cm wide by 5cm in length area over the vein, neatly
- Clean clipped area with alcoholic chlorhexidine soaked swabs until area is clean
- Dry area that was not clipped with clean gauze swab, don't dry the clipped vein area
- 2nd person now to occluded the vein while extending limb
- Insert tip of catheter on a 45 degree angle into vein until you see blood in the hub on the catheter, then change angle of catheter to flat against the leg and slowly advance until half of the catheters in the vein

#### Conditions:

- Investigators named in an animal ethics application, relative to this SOP, must be competent to implement the SOP
- Any variation to this SOP must be described in the relevant animal ethics application
- If this SOP has not been reviewed and approved by a UQ AEC within the last three years it is no longer valid and cannot be used in animal ethics applications until reapproved (see "AEC Reviewed/Approved" date in this document's header).

- Then advance the entire silicone sheath only (do not advance the stylet)
- 2nd person to release occlusion and place pressure above catheter to stop any blood loss
- Remove the stylet and place T-port extension at the end of the catheter (always ensure you are holding the catheter at all times)
- 2nd person to continue to hold limb extending at the elbow, for stability
- Place tape firstly around the catheter hub then around the leg (only using one piece of tape)
- Flush the catheter to ensure correct placement
- Place another piece of tape around the T-port and around the leg to ensure the catheter is kept clean
- Place co-flex around the catheter area
- 2nd person to return cat to cage

#### IV. REFERENCE INFORMATION

<b>Document Title</b>	Feline IV Catheter	
<b>Organisational Unit</b>	VTH-CSC	
<b>Version</b>	3.0	
<b>Date last modified / reviewed</b>	7. 2019	
<b>Authors / reviewers</b>	Debra Laws/Samantha Kempster	
<b>Approved by</b>	Samantha Kempster	
<b>VTH Plan Alignment</b>	Focus	Internal Process
<b>Reference Number</b>	CSCT-033	

Revision	Date	Author/s	Amendments
1.0	24 August 2016		
2.0	30 April 2018	Debra Laws	Updated
3.0	18 <sup>th</sup> July, 2019	Debra Laws	New format
4.0			

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Version #	Reviewing AEC (note: all other relevant AECs ratify the approval)	AEC Review Date	Approval To Date
1	PCA	14/12/2022	14/12/2025

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