

Post Operative Care—Blood Vessel Cannulation



For carotid, femoral or jugular cannulations your animals have been given one dose of buprenorphine which will last for eight hours (mild pain level). For hepatic and portal cannulation your animals have been given one dose of buprenorphine SR which lasts for 72 hours (moderate pain level).

The following is the responsibility of the client and not included in procedure price. For an additional fee, surgery core personnel will complete the following tasks and fill out the required DCM documentation (surgical record cards).

Animals should be housed individually after surgery.

The catheter should be flushed with sterile saline every 3-4 days.

Special instructions card

Multi-purpose PI instructions to caretaker. *Card Instructions*

- House individually.

Hazardous materials card

Required if infusing hazardous substances.

Card Instructions

Place the animal in a clean cage after it recovers from surgery.

DCM will not change the cage or directly handle any animals that have been exposed to hazardous materials while the red card is on the cage. They will add food or water as necessary. The experimenter is responsible for changing the cage until the card is removed 3 days after the last administration of the hazardous compound.

Once the red card is removed, change the cage and place soiled cage into an autoclave or biohazard bag. Ask your animal facility staff where they want the cage left for disinfection.

Rodent post-surgical monitoring card

Required for every surgical procedure, is the responsibility of the researcher and must be kept for 2 years.

Card Instructions

For carotid, femoral and jugular cannulation :

- Monitor for 8-12 hours
- Mark the green card daily for 1 time point

For hepatic and portal cannulation :

- Monitor for 12-24 hours.
- Mark the green card daily for 2 time points.

For all vascular cannulations:

- Note the date sutures are removed on the front of the card. The card must remain on the cage until the sutures are removed in 7-10 days.
- Watch for signs of pain and distress such as shaking, lethargy, chewing of tail, arched back, lack of grooming, etc.
- Check surgical wounds for infection and that the cannula is clean.
- Mark the green card daily for 1 time point and note the date sutures are removed on the front of the card. The card must remain on the cage until the sutures are removed in 7-10 days.

Keep the card for 2 years.

- Check surgical wounds for infection and that the cannula is clean.
- Mark the green card daily for 2 time points and note the date sutures are removed on the front of the card. The card must remain on the cage until the sutures are removed in 7-10 days.

Keep the card for 2 years.