
Overview

This standard covers conducting regulated surgical procedures on animals in a Home Office designated establishment.

You must conduct regulated surgical procedures on animals correctly, effectively and with due regard for the welfare of the animal. The type of procedure(s) carried out will vary from situation to situation and from organisation to organisation.

You will be expected to handle tissues or organs and use surgical materials and equipment correctly including relevant anaesthetic equipment.

You will be expected to use different methods of anaesthesia which will include injected, topical and gaseous. You must also obtain accurate monitoring information from observations and measurements of vital signs.

This standard is for licensed animal technologists in Home Office designated establishments.

It is essential, that you work strictly within the limits of both your personal licence and the relevant project licence.

LANAT15

Conduct regulated surgical procedures on animals in a Home Office designated establishment

Performance criteria

You must be able to:

- P1 use safe practices and the appropriate personal protective equipment when carrying out scientific or technical activities
- P2 maintain appropriate levels of hygiene and bio-security
- P3 confirm the identity of the animal and the regulated surgical procedure to be undertaken against available information
- P4 confirm that all the required equipment and materials are available and in a fit state for use
- P5 conduct regulated surgical procedures promptly and effectively according to the requirements of the procedure and the condition of the animal
- P6 obtain monitoring information throughout the procedure and take the appropriate action where problems arise
- P7 handle the animal's tissues and organs according to the requirements of the procedure so as not to cause unnecessary damage or trauma
- P8 apply surgical materials at the correct location and in the correct manner
- P9 apply medication in the correct dosage and at the correct time
- P10 attach surgical equipment to the animal at the correct location and with minimal effect on tissue
- P11 correctly use surgical equipment and apply it at the correct time
- P12 deal with waste safely and correctly in accordance with legislation
- P13 keep accurate and up to date records as required by relevant legislation and the organisation
- P14 conduct all activities within the provision of your personal licence and the project licence
- P15 comply with legislation relating to the care and welfare of animals in a Home Office designated establishment
- P16 carry out all work in accordance with relevant environmental and health and safety legislation, risk assessment requirements, codes of practice and company policies

LANAT15

Conduct regulated surgical procedures on animals in a Home Office designated establishment

Knowledge and understanding

You need to know and understand:

- | | |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| K1 | the importance and correct use of personal protective equipment for scientific or technical activities |
| K2 | the type of information that could be used to identify the animal and the planned procedure |
| K3 | equipment and materials required to conduct different regulated surgical procedures and how to identify that they are in a fit state for use |
| K4 | how to monitor animals during regulated surgical procedures and how to recognise specific indications of problems for different types of animal and procedure |
| K5 | how to handle animal tissue and organs while conducting regulated surgical procedures |
| K6 | the sensitivity of different types of tissue and organs |
| K7 | the correct locations for the application of surgical materials |
| K8 | the type and level of medication that should be applied during regulated surgical procedures |
| K9 | how and where to connect different types of surgical equipment during regulated surgical procedures |
| K10 | how and when to operate surgical equipment during regulated surgical procedures |
| K11 | the legal and organisational requirements for the handling, storage and disposal of waste |
| K12 | the provisions of your personal licence and the provisions of the project licence |
| K13 | the importance of maintaining appropriate levels of hygiene and bio-security and how this can be achieved |
| K14 | appropriate records to be kept and their significance |
| K15 | your responsibilities for the care and welfare of animals in a Home Office designated establishment under relevant animal welfare legislation, European directives and UK codes of practice |
| K16 | your responsibilities under current environmental and health and safety legislation, codes of practice and company policies |

LANAT15

Conduct regulated surgical procedures on animals in a Home Office designated establishment

Developed by Lantra

Version number 2

Date approved February 2013

Indicative review date February 2018

Validity Current

Status Original

Originating organisation Lantra

Original URN O29NAT7

Relevant occupations Licensed Animal Technologist; Senior Animal Technologist; Team Leader; Animal Facility Manager

Suite Animal Technology

Key words animal; research; surgical procedure; licence; tissue; organs
