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Date: 04.12.2019	Post-surgery analgesia	LTK-TRT-17-E-EN Version: E
This SOP replaces: Version E		
Reason for Change: Adjustments in response to Vet Office review		
Related SOPs: SOP-LTK-TRT-11-EN sc injection SOP-LTK-TRT-13-EN Isoflurane Anesthesia SOP-LTK-TRT-18-EN Injection Anesthesia SOP-LTK-RES-5-F-EN Scoring and withdrawal criteria of i.c. tumors SOP-LTK-RES-43-A-Buprenorphine analgesia		
Indication of Use: Post -surgery pain management, After surgical intervention and before application of antidote (in case of reversible 3-component anaesthesia, FDD) Pain management of tumor bearing animals		
Aim of SOP: This procedure describes how to perform analgesia by subcutaneous injection of Carprofen		
Distribution: <ol style="list-style-type: none"> 1. Server 2. TRT group 3. Group Johannes vom Berg 		
Attachments:		
Generated at: 01.12.2019	Checked and approved at: 04.12.2019	
by: Johannes vom Berg	by: Thorsten Buch	

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Responsible Persons: Any person with Modul 1 and registered on a particular animal permit

Reagents:

0,1 mL Carprofen (Rimadyl®) 50 mg/mL; (= 0,17 mg/30g BW)
+ 2,9 mL aqua ad 3 mL

à 0,1 mL/30 g BW
subcutaneous


Store stock solution at 4°C until expiry date and working dilution for up to 1 week at 4°C or up to one year at -20°C.
Note concentration, compound name and your initials and date of first opening (stock) and date of dilution (working solution) on vial/tube

Safety:

1. General rules for working with sharp tools (scalpels, syringes, scissors) have to be followed.
2. Follow the rules for the animal house

Method Description:

1. Application of working solution carprofen with 0,1 mL/ 30g BW as subcutaneous injection (see SOP-LTK-TRT-11-B-EN sc injection)
2. Test 8h after application whether analgesia takes effect (SOP-LTK-RES-5-F-EN Scoring and withdrawal criteria of i.c. tumors)
3. Measures
 - a. If no pain symptoms (carprofen analgesia works) - repeat injection after 12h,
 - b. if pain symptoms persist (i.e. carprofen analgesia does not alleviate symptoms), switch immediately to SOP-LTK-RES-43-A-EN Buprenorphine analgesia.
4. Additional injections (e.g. 24 and 36 h, 48 h and 60 h, 72 h and 84 h) may be indicated according to scoring

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Documentation:
 Lab book, Score sheet SOP scoring post-laparotomy LTK-TRT-43-EN or SOP-LTK-RES-5-F-EN Scoring and withdrawal criteria of i.c. tumors

Problem management:
 Report any other adverse event to your supervisor or vet