(2) Sponsor. See No. 059130 in §510.600(c) of this chapter.

(3) Conditions of use—(i) Amount. The drug is used in beef cattle, beef calves, nonlactating dairy cattle, and dairy calves as follows: Administer 3 to 5 milligrams of the oxytetracycline hydrochloride intramuscularly per pound of body weight per day.

(ii) Indications for use. The drug is used for treatment of bacterial pneumonia and shipping fever complex associated with Pasteurella spp.; foot-rot and diphtheria caused by Spherophorus necrophorus; bacterial enteritis (scours) caused by Escherichia coli; wooden tongue caused by Actinobacillus lignieresii; leptospirosis caused by Leptospira pomona; acute metritis and wound infections caused by staphylococcal and streptococcal organisms; if labeled for use by or on the order of a licensed veterinarian, it may be used for treatment of anaplasmosis caused by Anaplasma marginale and anthrax caused by Bacillus anthracis.

(iii) Limitations. In severe forms of the indicated diseases, administer the equivalent of 5 milligrams of oxytetracycline hydrochloride per pound of body weight daily. Treatment 24 to 48 hours following remission of disease symptoms, not to exceed a total of 4 consecutive days. If no improvement occurs within 24 to 48 hours, reevaluate diagnosis and therapy. Discontinue use at least 19 days prior to slaughter. Not for use in lactating dairy cattle.

[40 FR 13858, Mar. 27, 1975]

EDITORIAL NOTE: For Federal Register citations affecting §522.1662a, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.fdsys.gov.

§ 522.1662b Oxytetracycline hydrochloride with lidocaine injection.

(a) Specifications. The drug contains 50 or 100 milligrams of oxytetracycline hydrochloride and 2 percent lidocaine in each milliliter of sterile aqueous solution.

(b) Sponsor. See No. 000069 in §510.600(c) of this chapter.

(c) Conditions of use. (1) The drug is indicated for use in the treatment of diseases of dogs caused by pathogens sensitive to oxytetracycline hydrochloride including treatment for the following conditions in dogs caused by susceptible microorganisms: Bacterial infections of the urinary tract caused by Hemolytic staphylococcus, Streptococcus spp., Bacterial pulmonary infections caused by Brucella bronchiseptica, Streptococcus pyogenes, Staphylococcus aureus, secondary bacterial infections caused by Micrococcus pyogenes var. albus, Brucella bronchiseptica, Streptococcus spp.

(2) The drug is administered intramuscularly at a recommended daily dosage to dogs at 5 milligrams per pound of body weight administered...
Food and Drug Administration, HHS

in divided doses at 6 to 12 hour intervals. Therapy should be continued for at least 24 hours after all symptoms have subsided.

(3) Federal law restricts this drug to use by or on the order of a licensed veterinarian.

[40 FR 13858, Mar. 27, 1975, as amended at 48 FR 30615, July 5, 1983]

§ 522.1664 Oxytetracycline and flunixin.

(a) Specifications. Each milliliter (mL) of solution contains 300 milligrams (mg) oxytetracycline base as amphoteric oxytetracycline and 20 mg flunixin base as flunixin meglumine.

(b) Sponsor. See No. 055529 in § 510.600(c) of this chapter.

(c) Related tolerances. See §§ 556.286 and 556.500 of this chapter.

(d) Conditions of use cattle—(1) Amount. Administer once as an intramuscular or subcutaneous injection of 1 mL per 22 pounds (lb) body weight (BW) (13.6 mg oxytetracycline and 0.9 mg flunixin per lb BW) where retreatment of calves and yearlings for bacterial pneumonia is impractical due to husbandry conditions, such as cattle on range, or where their repeated restraint is inadvisable.

(2) Indications for use. For the treatment of bacterial pneumonia associated with Pasteurella spp. and for the control of associated pyrexia in beef and nonlactating dairy cattle.

(3) Limitations. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

[76 FR 3489, Jan. 20, 2011]

§ 522.1680 Oxytocin injection.

(a) Specifications. Each milliliter (mL) of solution contains 20 USP units oxytocin.

(b) Sponsors. See Nos. 000010, 000856, 059130, 058639, 059130, and 061623 in §510.600(c) of this chapter.

(c) Conditions of use—(1) Amount—(i) Obstetrical. Administer drug intravenously, intramuscularly, or subcutaneously under aseptic conditions as indicated. The following dosages are recommended and may be repeated as conditions require:

<table>
<thead>
<tr>
<th></th>
<th>mL</th>
<th>U.S.P. units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cats</td>
<td>0.25</td>
<td>5 to 10</td>
</tr>
<tr>
<td>Dogs</td>
<td>0.25</td>
<td>5 to 30</td>
</tr>
<tr>
<td>Ewes, Sows</td>
<td>1.5</td>
<td>30 to 50</td>
</tr>
<tr>
<td>Cows, Horses</td>
<td>5.0</td>
<td>100</td>
</tr>
</tbody>
</table>

(ii) Milk letdown. Intravenous administration is desirable. The following dosage is recommended and may be repeated as conditions require:

<table>
<thead>
<tr>
<th></th>
<th>mL</th>
<th>U.S.P. units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cows</td>
<td>0.5</td>
<td>10 to 20</td>
</tr>
<tr>
<td>Sows</td>
<td>0.25</td>
<td>5 to 20</td>
</tr>
</tbody>
</table>

(2) Indications for use. Oxytocin may be used as a uterine contractor to precipitate and accelerate normal parturition and postpartum evacuation of uterine debris. In surgery it may be used postoperatively following cesarean section to facilitate involution and resistance to the large inflow of blood. It will contract smooth muscle cells of the mammary gland for milk letdown if the udder is in proper physiological state.

(3) Limitations. Federal law restricts this drug to use by or on the order of a licensed veterinarian.


§ 522.1696 Penicillin G procaine implantation and injectable dosage forms.

§ 522.1696a Penicillin G benzathine and penicillin G procaine suspension.

(a) Specifications. Each milliliter of aqueous suspension contains penicillin