

Dexmedesed®

(dexmedetomidine hydrochloride)
Sterile Injectable Solution

SAME PRODUCT, NEW NAME, NEW LABEL.

- Putney's Dexmedetomidine Hydrochloride is now available as Dexmedesed from Dechra. It is the same product with a new name and new label.
- Dexmedesed is indicated for use as a sedative and analgesic in dogs and cats to facilitate clinical examinations, clinical procedures, minor surgical procedures, and minor dental procedures. Dexmedesed is also indicated for use as a preanesthetic to general anesthesia in dogs and cats.
- Therapeutically equivalent to the pioneer drug so you can expect the same safety and efficacy.
- Backed by the Veterinary Technical Services and Sales Support Teams of Dechra.
- Available as a 0.5 mg/mL solution in 10 mL vials.



OLD LABEL



NEW LABEL

PUTNEY IS NOW PART OF DECHRA VETERINARY PRODUCTS



To order the NEW Dechra Dexmedesed (dexmedetomidine hydrochloride) please contact your Dechra or distributor representative or call (866) 683-0660. If you are ordering online from your distributor, order it by name now: Dexmedesed.

24-hour Veterinary Technical Support available (866) 933-2472. Nonurgent Technical Support available via email support@dechra.com.

Important Safety Information: As with all drugs, side effects may occur. Do not use Dexmedesed in dogs or cats with cardiovascular disease, respiratory disorders, liver or kidney diseases, or in conditions of shock, severe debilitation, or stress due to extreme heat, cold or fatigue. As with all α_2 -adrenoreceptor agonists, the potential for isolated cases of hypersensitivity, including excitation exists. The following adverse reactions have been reported: death, cardiac arrest, bradycardia, apnea and vomiting. The use of Dexmedesed as a preanesthetic in dogs and cats significantly reduces the amount of induction and maintenance anesthetic requirements. In cats, severe dyspnea and respiratory crackles diagnosed as acute pulmonary edema could develop. Refer to the prescribing information for complete details or visit www.dechra-us.com.

ANADA 200-573, Approved by FDA
CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.
Dechra is a registered trademark of Dechra Pharmaceuticals PLC.

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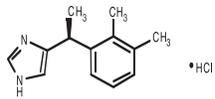
Dexmedetomidine®

(dexmedetomidine hydrochloride)
Sterile Injectable Solution-0.5 mg/mL

For Intramuscular and Intravenous Use in Dogs
and For Intramuscular Use in Cats
Sedative, Analgesic, Preanesthetic

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

DESCRIPTION: Dexmedetomidine (dexmedetomidine hydrochloride) is a synthetic alpha₂-adrenoceptor agonist with sedative and anesthetic properties. The chemical name is (+)-(+)-1-(2,3-dimethylphenyl)ethyl-1H-imidazole monohydrochloride. It is a white, or almost white, crystalline, water soluble substance having a molecular weight of 236.7. The molecular formula is C₁₃H₁₆N₂•HCl and the structural formula is:



Each mL of Dexmedetomidine contains 0.5 mg dexmedetomidine hydrochloride, 1.6 mg methylparaben (N₂), 0.2 mg propylparaben (N₂), 9.0 mg sodium chloride (NaCl), and water for injection (USP, 5.5).

INDICATIONS: Dexmedetomidine is indicated for use as a sedative and analgesic in dogs and cats to facilitate clinical procedures, clinical procedures, minor oral dental procedures, Dexmedetomidine is also indicated for use as a preanesthetic to general anesthesia in dogs and cats.

DOSE AND ADMINISTRATION:
Dogs: Sedation and Analgesia: 500 mcg/m² intramuscular (IM) or 375 mcg/m² intravenously (IV).
Preanesthesia: 125 or 375 mcg/m².
The choice of preanesthetic dose depends on the duration and severity of the procedure, as well as the anesthetic regime. The following two tables may be used to determine the correct dexmedetomidine hydrochloride dosage. **Note that the 375 mcg/m² dosage decreases as body weight increases.** Dogs weighing 2 kg are dosed at 2.61 mcg/kg. The 375 mcg/m² dosage of dexmedetomidine hydrochloride (1X compared to dogs weighing 80 kg) that are dosed at 8.7 mcg/kg. Due to the small volume of administration, accurate dosing is not possible in dogs weighing less than 2 kg (4.4 lb).

Table 1: CANINE SEDATION/ANALGESIA DOSE TABLE
Intramuscular (IM) and intravenous (IV) dosing on the basis of body weight

Dexmedetomidine (375 mcg/m ²)				Dexmedetomidine (500 mcg/m ²)			
Dog Weight (kg)	Dog Weight (lb)	Dose (mL)	Dose (mcg)	Dog Weight (kg)	Dog Weight (lb)	Dose (mL)	Dose (mcg)
4.4	9.7	0.28	106	4.4	9.7	0.28	106
4.7	2.3	0.30	113	4.7	2.3	0.30	113
5.0	11.0	0.32	120	5.0	11.0	0.32	120
5.3	11.7	0.34	127	5.3	11.7	0.34	127
5.6	12.4	0.36	134	5.6	12.4	0.36	134
5.9	13.1	0.38	141	5.9	13.1	0.38	141
6.2	13.8	0.40	148	6.2	13.8	0.40	148
6.5	14.5	0.42	155	6.5	14.5	0.42	155
6.8	15.2	0.44	162	6.8	15.2	0.44	162
7.1	15.9	0.46	169	7.1	15.9	0.46	169
7.4	16.6	0.48	176	7.4	16.6	0.48	176
7.7	17.3	0.50	183	7.7	17.3	0.50	183
8.0	18.0	0.52	190	8.0	18.0	0.52	190
8.3	18.7	0.54	197	8.3	18.7	0.54	197
8.6	19.4	0.56	204	8.6	19.4	0.56	204
8.9	20.1	0.58	211	8.9	20.1	0.58	211
9.2	20.8	0.60	218	9.2	20.8	0.60	218
9.5	21.5	0.62	225	9.5	21.5	0.62	225
9.8	22.2	0.64	232	9.8	22.2	0.64	232
10.1	22.9	0.66	239	10.1	22.9	0.66	239
10.4	23.6	0.68	246	10.4	23.6	0.68	246
10.7	24.3	0.70	253	10.7	24.3	0.70	253
11.0	25.0	0.72	260	11.0	25.0	0.72	260
11.3	25.7	0.74	267	11.3	25.7	0.74	267
11.6	26.4	0.76	274	11.6	26.4	0.76	274
11.9	27.1	0.78	281	11.9	27.1	0.78	281
12.2	27.8	0.80	288	12.2	27.8	0.80	288
12.5	28.5	0.82	295	12.5	28.5	0.82	295
12.8	29.2	0.84	302	12.8	29.2	0.84	302
13.1	29.9	0.86	309	13.1	29.9	0.86	309
13.4	30.6	0.88	316	13.4	30.6	0.88	316
13.7	31.3	0.90	323	13.7	31.3	0.90	323
14.0	32.0	0.92	330	14.0	32.0	0.92	330
14.3	32.7	0.94	337	14.3	32.7	0.94	337
14.6	33.4	0.96	344	14.6	33.4	0.96	344
14.9	34.1	0.98	351	14.9	34.1	0.98	351
15.2	34.8	1.00	358	15.2	34.8	1.00	358
15.5	35.5	1.02	365	15.5	35.5	1.02	365
15.8	36.2	1.04	372	15.8	36.2	1.04	372
16.1	36.9	1.06	379	16.1	36.9	1.06	379
16.4	37.6	1.08	386	16.4	37.6	1.08	386
16.7	38.3	1.10	393	16.7	38.3	1.10	393
17.0	39.0	1.12	400	17.0	39.0	1.12	400
17.3	39.7	1.14	407	17.3	39.7	1.14	407
17.6	40.4	1.16	414	17.6	40.4	1.16	414
17.9	41.1	1.18	421	17.9	41.1	1.18	421
18.2	41.8	1.20	428	18.2	41.8	1.20	428
18.5	42.5	1.22	435	18.5	42.5	1.22	435
18.8	43.2	1.24	442	18.8	43.2	1.24	442
19.1	43.9	1.26	449	19.1	43.9	1.26	449
19.4	44.6	1.28	456	19.4	44.6	1.28	456
19.7	45.3	1.30	463	19.7	45.3	1.30	463
20.0	46.0	1.32	470	20.0	46.0	1.32	470
20.3	46.7	1.34	477	20.3	46.7	1.34	477
20.6	47.4	1.36	484	20.6	47.4	1.36	484
20.9	48.1	1.38	491	20.9	48.1	1.38	491
21.2	48.8	1.40	498	21.2	48.8	1.40	498
21.5	49.5	1.42	505	21.5	49.5	1.42	505
21.8	50.2	1.44	512	21.8	50.2	1.44	512
22.1	50.9	1.46	519	22.1	50.9	1.46	519
22.4	51.6	1.48	526	22.4	51.6	1.48	526
22.7	52.3	1.50	533	22.7	52.3	1.50	533
23.0	53.0	1.52	540	23.0	53.0	1.52	540
23.3	53.7	1.54	547	23.3	53.7	1.54	547
23.6	54.4	1.56	554	23.6	54.4	1.56	554
23.9	55.1	1.58	561	23.9	55.1	1.58	561
24.2	55.8	1.60	568	24.2	55.8	1.60	568
24.5	56.5	1.62	575	24.5	56.5	1.62	575
24.8	57.2	1.64	582	24.8	57.2	1.64	582
25.1	57.9	1.66	589	25.1	57.9	1.66	589
25.4	58.6	1.68	596	25.4	58.6	1.68	596
25.7	59.3	1.70	603	25.7	59.3	1.70	603
26.0	60.0	1.72	610	26.0	60.0	1.72	610
26.3	60.7	1.74	617	26.3	60.7	1.74	617
26.6	61.4	1.76	624	26.6	61.4	1.76	624
26.9	62.1	1.78	631	26.9	62.1	1.78	631
27.2	62.8	1.80	638	27.2	62.8	1.80	638
27.5	63.5	1.82	645	27.5	63.5	1.82	645
27.8	64.2	1.84	652	27.8	64.2	1.84	652
28.1	64.9	1.86	659	28.1	64.9	1.86	659
28.4	65.6	1.88	666	28.4	65.6	1.88	666
28.7	66.3	1.90	673	28.7	66.3	1.90	673
29.0	67.0	1.92	680	29.0	67.0	1.92	680
29.3	67.7	1.94	687	29.3	67.7	1.94	687
29.6	68.4	1.96	694	29.6	68.4	1.96	694
29.9	69.1	1.98	701	29.9	69.1	1.98	701
30.2	69.8	2.00	708	30.2	69.8	2.00	708
30.5	70.5	2.02	715	30.5	70.5	2.02	715
30.8	71.2	2.04	722	30.8	71.2	2.04	722
31.1	71.9	2.06	729	31.1	71.9	2.06	729
31.4	72.6	2.08	736	31.4	72.6	2.08	736
31.7	73.3	2.10	743	31.7	73.3	2.10	743
32.0	74.0	2.12	750	32.0	74.0	2.12	750
32.3	74.7	2.14	757	32.3	74.7	2.14	757
32.6	75.4	2.16	764	32.6	75.4	2.16	764
32.9	76.1	2.18	771	32.9	76.1	2.18	771
33.2	76.8	2.20	778	33.2	76.8	2.20	778
33.5	77.5	2.22	785	33.5	77.5	2.22	785
33.8	78.2	2.24	792	33.8	78.2	2.24	792
34.1	78.9	2.26	799	34.1	78.9	2.26	799
34.4	79.6	2.28	806	34.4	79.6	2.28	806
34.7	80.3	2.30	813	34.7	80.3	2.30	813
35.0	81.0	2.32	820	35.0	81.0	2.32	820
35.3	81.7	2.34	827	35.3	81.7	2.34	827
35.6	82.4	2.36	834	35.6	82.4	2.36	834
35.9	83.1	2.38	841	35.9	83.1	2.38	841
36.2	83.8	2.40	848	36.2	83.8	2.40	848
36.5	84.5	2.42	855	36.5	84.5	2.42	855
36.8	85.2	2.44	862	36.8	85.2	2.44	862
37.1	85.9	2.46	869	37.1	85.9	2.46	869
37.4	86.6	2.48	876	37.4	86.6	2.48	876
37.7	87.3	2.50	883	37.7	87.3	2.50	883
38.0	88.0	2.52	890	38.0	88.0	2.52	890
38.3	88.7	2.54	897	38.3	88.7	2.54	897
38.6	89.4	2.56	904	38.6	89.4	2.56	904
38.9	90.1	2.58	911	38.9	90.1	2.58	911
39.2	90.8	2.60	918	39.2	90.8	2.60	918
39.5	91.5	2.62	925	39.5	91.5	2.62	925
39.8	92.2	2.64	932	39.8	92.2	2.64	932
40.1	92.9	2.66	939	40.1	92.9	2.66	939
40.4	93.6	2.68	946	40.4	93.6	2.68	946
40.7	94.3	2.70	953	40.7	94.3	2.70	953
41.0	95.0	2.72	960	41.0	95.0	2.72	960
41.3	95.7	2.74	967	41.3	95.7	2.74	967
41.6	96.4	2.76	974	41.6	96.4	2.76	974
41.9	97.1	2.78	981	41.9	97.1	2.78	981
42.2	97.8	2.80	988	42.2	97.8	2.80	988
42.5	98.5	2.82	995	42.5	98.5	2.82	995
42.8	99.2	2.84	1002	42.8	99.2	2.84	1002
43.1	99.9	2.86	1009	43.1	99.9	2.86	1009
43.4	100.6	2.88	1016	43.4	100.6	2.88	1016
43.7	101.3	2.90	1023	43.7	101.3	2.90	1023
44.0	102.0	2.92	1030	44.0	102.0	2.92	1030
44.3	102.7	2.94	1037	44.3	102.7	2.94	1037
44.6	103.4	2.96	1044	44.6	103.4	2.96	1044
44.9	104.1	2.98	1051	44.9	104.1	2.98	1051
45.2	104.8	3.00	1058	45.2	104.8	3.00	1058
45.5	105.5	3.02	1065	45.5	105.5	3.02	1065
45.8	106.2	3.04	1072	45.8	106.2	3.04	1072
46.1	106.9	3.06	1079	46.1	106.9	3.06	1079
46.4	107.6	3.08	1086	46.4	107.6	3.08	1086
46.7	108.3	3.10	1093	46.7	108.3	3.10	1093
47.0	109.0	3.12	1100	47.0	109.0	3.12	1100
47.3	109.7	3.14	1107	47.3	109.7	3.14	1107
47.6	110.4	3.16	1114	47.6	110.4	3.16	1114
47.9	111.1	3.18	1121	47.9	111.1	3.18	1121
48.2	111.8	3.20	1128	48.2	111.8	3.20	1128
48.5	112.5	3.22	1135	48.5	112.5	3.22	1135
48.8	113.2	3.24	1142	48.8	113.2	3.24	1142
49.1	113.9	3.26	1149	49.1	113.9	3.26	1149
49.4	114.6	3.28					