

PRACTITIONERS “WITHDRAWAL TIMES” (AAEP)

CALIFORNIA

DRUG NAME	CLASS	DOSAGE	ROUTE OF ADMINISTRATION	FREQUENCY OF ADMINISTRATION	CURRENT “WITHDRAWAL TIMES”
Acepromazine	3	2.5-30 mg	IV or IM	as needed	5 days (3 days in pinch)
Albuterol (Salbutamol)	3	0.75 mg	Inhaler (8-10 puffs)	BID	5 days (3 days in pinch)
Aminophylline**	3	2 gms	PO	BID	7 days
Atropine	3	?	Topical ophthalmic	once	3 days
Butorphanol	3	2-5 mg	IV	once as needed	3 days
Clenbuterol	3	0.8-1.6 mg/kg	PO	BID	21 days & pre-test
Detomidine	3	2-5 mg	IV	once as needed	3 days
Diazepam	2	5-15 mg	IV or IM	once as needed	5 days
Fluphenazine	2	not used			
Glycopyrrolate	3	1 mg	IV or IM	once	3 days (48 hours in pinch)
Hydroxyzine*	2	500 mg	PO	BID	5 days
Ketamine	2	1-1.5 gm	IV	once	N/A – only used for surgery
Lidocaine (4%)	2	800 mg	Topical in ?	once	5 days – only used for surgery
Mepivacaine	2	20-2000 mg	Local infiltration IA	once	5 days (3 days in pinch)
Pentoxifylline	3	2 gms	PO	BID	5 days
Procaine	3	10 ?	IM	BID	21 days & pre-test
Promazine*	3	not used			
Pyrilamine*	3	not used			
Reserpine*	2	not used			
Terbutaline*	3	not used			
Xylazine	3	100-300 mg	IV or IM	once as needed	3 days (48 hours in pinch)

* Not used due to too many testing complications

** Seldom used or no longer used

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FLORIDA

DRUG NAME	CLASS	DOSAGE	ROUTE OF ADMINISTRATION	FREQUENCY OF ADMINISTRATION	CURRENT “WITHDRAWAL TIMES”
Acepromazine	3	25 mg	IV	single dose	72 hours
Albuterol (Salbutamol)	3				
Aminophylline	3				
Atropine	3				
Butorphanol	3	10 mg	IV	single dose	72 hours
Clenbuterol	3	5-10 ml	PO	9-12 hours	7 days
Detomidine	3	5 mg	IV	single dose	48 hours
Diazepam	2				
Fluphenazine	2				
Glycopyrrolate	3	1 mg	IV/IM	single dose	30 hours
Hydroxyzine	2				
Ketamine	2	1 gram	IV	single dose	7 days
Lidocaine	2	10-30 ml	SQ	single dose	72 hours
Mepivacaine	2	10 ml	SQ	single dose	72 hours
Pentoxifylline	3				
Procaine	3	30 ml PPG	IM	9-24 hours	10 days
Promazine	3				
Pyrilamine	3				
Reserpine	2	1 mg	IM	2 weeks	7 days
Terbutaline	3				
Xylazine	3	100-200 mg	IV	single dose	48 hours

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KENTUCKY

DRUG NAME	CLASS	DOSAGE	ROUTE OF ADMINISTRATION	FREQUENCY OF ADMINISTRATION	CURRENT "WITHDRAWAL TIMES"
Acepromazine	3		IV	often – frequent	5 days
Albuterol (Salbutamol)	3	400 mg bid syrup	PO	infrequent	5 days
Aminophylline	3	5 grams	IV	very infrequent	3 days
Atropine	3	do not use except eye ointment		never	? - 5 days
Butorphanol	3	5-10 mg	IV	avg. 3 x daily	4 days
Clenbuterol	3	0.4-1.6 mg bid	PO	dispense bid for 10 days	7 days - ? tol*
Detomidine	3	1-5 mg	IV	once every 2 weeks	4 days
Diazepam	2	15 mg	IV	anesthesia – every 2 weeks	5 days
Fluphenazine	2	25 mg	IM	3 weeks apart	5 days
Glycopyrrolate	3	2-3 mg	IM or IV	avg. 2 x daily	Varies – 24-72 hours
Hydroxyzine	2	oral-8 bid	PO	daily	5 days
Ketamine	2	1 gm	IV	anesthesia – once weekly	5 days
Lidocaine (2%)	2	200-1000 mg	SQ	infrequent	10 days
Mepivacaine (2%)	2	100-600 mg	SQ	3-5 x weekly – nerve blocks	5 days
Pentoxifylline*	3	Bid	PO	infrequent?	5 days
Procaine	3	do not use drug		infrequent?	5 days
Promazine	3	do not use drug		infrequent?	5 days
Pyrilamine	3	do not use drug		infrequent?	5 days
Reserpine	2	25 mg	IM	3 weeks apart	5 days
Terbutaline	3	do not use drug		infrequent?	5 days
Xylazine	3	100- 500 mg	IV	avg. 3 x daily	3 days

* where contraction tests are not used, could be 30 days in those jurisdictions where used

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LOUISIANA

DRUG NAME	CLASS	DOSAGE	ROUTE OF ADMINISTRATION	FREQUENCY OF ADMINISTRATION	CURRENT "WITHDRAWAL TIMES"
Acepromazine 10 mg/ml	3	inj. 10-30 mg/450 kg tabs 25-75 mg/450 kg	IV or IM PO	as needed	24-72 hours dep. on dosage
Albuterol (Salbutamol)	3	1-2 µg/kg 16 mg bid	inhalation PO	7-14 days as needed	24 days inhalation 7-14 days oral
Aminophylline	3	2.5-10 mg/450kg	IV IM PO	as needed	
Atropine* 15 mg/ml	3	0.01 to 0.1 mg/kg	IV IM or SQ	daily as needed	
Butorphanol 10 mg/ml	3	0.01-2 mg/kg	IV	as needed	48 to 72 hours
Clenbuterol ** 72.5 µg/ml	3	0.8-3.2 µg/kg	bid PO	bid	72 hours
Detomidine 10 mg/ml	3	0.005-0.02 mg/kg (0.5 to 1 ml)	IV	as needed	48 hours
Diazepam	2	0.03-0.05 mg/kg	IV	once, repeat in 30 minutes if necessary	
Fluphenazine-Decanoate 25 mg/ml	2	25-50 mg/450 kg	IM	repeat 10-30 days as needed	6 days
Glycopyrrolate 0.2 mg/ml	3	0.005-0.01 mg/kg	IV IM	as needed	24 hours
Hydroxyzine - HCL	2	0.5-1 mg/kg bid	PO	daily as needed 7-14 days	72 hrs
Ketamine	2				
Lidocaine	2	0.2-0.5 mg/kg every 5 minutes	IV (ileus)	as needed	48hrs

DRUG NAME	CLASS	DOSAGE	ROUTE OF ADMINISTRATION	FREQUENCY OF ADMINISTRATION	CURRENT "WITHDRAWAL TIMES"
		varying amounts	local infiltration (anesthesia)	as needed	48 hrs
Mepivacaine	2				48hrs
Pentoxifylline	4				
Procaine pen	3	30 ml bid	IM	3-7 days	14 days
Promazine (granules)	3	1-2 mg/kg	PO	1 to several days	72 hours
Pyrilamine	3	1 mg/kg	IV IM PO (granules)	daily as needed	24 – 70 hours plus
Reserpine .5mg/ml	2	0.5-2 mg (2.5 mg SID)	IM PO	10-30 days as needed once daily as needed	6 days
Terbutaline	3	0.02-0.06 mg/kg bid	PO	7-10 days	72 hours
Xylazine 100 mg/ml	3	0.2-1.1 mg/kg	IV	once	24 hours

* also in dosage of 8-9 mg/450mg – intrasynovial as needed

** .8 microgram dose is most frequently used

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MARYLAND

DRUG NAME	CLASS	DOSAGE	ROUTE OF ADMINISTRATION	FREQUENCY OF ADMINISTRATION	CURRENT "WITHDRAWAL TIMES"
Acepromazine	3	10-30 mg	IV IM	as needed	3-5 days
Albuterol (Salbutamol)	3	12 mg	PO	bid	5 days
Aminophylline	3				
Atropine	3				
Butorphanol	3	10-20 mg	IV	as needed	28-48 hrs
Clenbuterol	3	5 ml	PO	bid	6 days
Detomidine	3	10-20 mg	IV	as needed	28-48 hrs
Diazepam	2	Not	use 2		
Fluphenazine	2	25 mg	IM	21 days	not tested
Glycopyrrolate	3	1 mg	IV	as needed	8 hours
Hydroxyzine	2	Not	use 2		
Ketamine	2	1 gram	IV	anesthesia	??
Lidocaine	2				
Mepivacaine	2				
Pentoxifylline	3				
Procaine	3				
Promazine	3				
Pyrilamine	3				7 days
Reserpine	2	2.5 mg	IM	21 days	not tested
Terbutaline	3				
Xylazine	3	200-500 mg	IV	as needed	28-48 hrs

TABLE 6
ENGLISH “WITHDRAWAL TIMES”

	MEDICATION	DETECTION TIMES	FLUID	JURISDICTION/ AREA
1	Acepromazine	4 days	urine	England
2	Altrenogest	4 days	urine	England
3	Betamethasone	3 days	urine	England
4	Butorphanol	5 days	urine	England
5	Clenbuterol	8 days	urine	England
6	Danrtolene	3 days	urine	England
7	Dembrexine	6 days	urine	England
8	Dermobion	2 days	urine	England
9	Dermisol	2 days	urine	England
10	Detomidine	3 days	urine	England
11	Dexamethasone	3 days	urine	England
12	Dimethylsulfoxide	3 days	urine	England
13	Flunixin	8 days	urine	England
14	Fucidin H	2 days	urine	England
15	Furosemide	3 days	urine	England
16	Isoxsuprine	>12 days	urine	England
17	Ketoprofen	8 days	urine	England
18	Meclofenamate	8 days	urine	England
19	Mepivacaine	3 days	urine	England
20	Movelat	2 days	urine	England
21	Oruvail	2 days	urine	England
22	Phenylbutazone	8 days	urine	England
23	Prednisolone	4 days	urine	England
24	Romifidine	3 days	urine	England
25	Triamcinolone	3 days	urine	England
26	Terra-Cortrill	2 days	urine	England