

Drugs/Procedures for Autonomic CV Lab

Cardio-Active Drugs

Norepinephrine (5 times)

Dose: **1 ml**

10 mg in 400 mls of 0.9% (9gm/l)NaCl & 0.1%(1g/l) Na Bisulfite Solution.

Thus

Solution: **25 µg/ml**

Procedures: 2, 6, 12, 16, & 18 at 1 ml each = **5 ml/pig/exp**

2 pigs per section. **10 ml per section**

Make up 8 aliquots (of 50 ml each) in light tight bottles and freeze

Isoproterenol (3 times)

Dose: **2 ml**

2.5 mg in 400 mls of 0.9% (9gm/l)NaCl & 0.1%(1g/l) Na Bisulfite

Thus

Solution: **6 µg/ml**

Procedures: 3, 13, & 15 at 2 ml each = **6 ml/pig/exp**

2 pigs per section. **12 ml per section**

Make up 8 aliquots (of 50 ml each) in light tight bottles and freeze

Atropine (1 time)

Dose: **2 ml**

120 mg in 120 mls of 0.9% NaCl Solution.

Thus

Solution: **1.0 mg/ml**

Procedures: 8 at 2 ml each = **2 ml/pig/exp**

2 pigs per section. **4 ml per section**

Make up 8 aliquots (of 15 ml each) in light tight bottles and freeze

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Hexamethonium (1 time)

Dose: **3 ml**

1.2 g in 120 mls of 0.9% NaCl Solution.

Thus

Solution: **10.0 mg/ml**

Procedures: 10 at 3 ml each = **3 ml/pig/exp**

2 pigs per section. **6 ml per section**

Make up 8 aliquots (of 15 ml each) in light tight bottles and freeze

Propranolol (1 time) Hard to dissolve.

Dose: **3 ml**

960 mg in in 20 ml EtOH then 100 mls of 0.9% NaCl Solution.

Thus

Solution: **8 mg/ml**

Procedures: 14 at 3 ml each = **3 ml/pig/exp**

2 pigs per section. **6 ml per section**

Make up 8 aliquots (of 15 ml each) in light tight bottles and freeze

Tolazoline (1 time)

Dose: **1 ml**

16 g in 80 mls of 0.9% NaCl Solution.

Thus

Solution: **200 mg/ml**

Procedures: 17 at 1 ml each = **2 ml/pig/exp**

2 pigs per section. **4 ml per section**

Make up 8 aliquots (of 10 ml each) in light tight bottles and freeze

AngioTension II (1 time)

Dose: **1 ml**

2 mg in 50 mls of 0.9% NaCl Solution.

Thus

Solution: **40.0 µg/ml**

Procedures: 19 at 1 ml each = **2 ml/pig/exp**

2 pigs per section. **4 ml per section**

Make up 8 aliquots (of 6 ml each) in light tight bottles and freeze
