References on the Administration of Deoxytocorticosterone Using ALZET® Osmotic Pumps


**Agents:** Angiotensin II; Deoxycorticosterone acetate **Vehicle:** Saline; **Route:** SC; **Species:** Mice; **Pump:** 1002; **Duration:** 3 weeks;

**ALZET Comments:** Dose (1 ng/min/g); animal info (Transgenic Mice); Blood pressure measured via tail cuff method; 120 mmHg - 145 mmHg; Angiotensin II aka Ang II, Deoxycorticosterone acetate aka DOCA; dependence;


**Agents:** Progesterone; Cortisol; Cortisone; Dehydroepiandrosterone; Androstenedione, 4-; Androstendiol, 5-; Testosterone; Nortestosterone, 19-; Estradiol, B-; Estrone; Estriol; Deoxycorticosterone **Vehicle:** PEG 400; **Route:** IV (lower cava);

**Species:** Rat; **Pump:** 2002; **Duration:** 15 days;

**ALZET Comments:** controls received mp with PEG; no stress (see pg. 351); pumps placed into peritoneal cavity and sutured to musculature; surgical wound sprinkled with sulphathiazol


**Agents:** Aldosterone; Fluorocortisol acetate, 9a-; Corticosterone; Deoxycorticosterone; Dexamethasone **Vehicle:** Ethanol; Propylene glycol; Water; **Route:** SC; **Species:** Rat; **Pump:** 2001; **Duration:** 3 days;

**ALZET Comments:** replacement therapy (unilateral adrenalectomy); each mp used twice, 3 days in one animal, then 3 days in another; cannot tell if stability/concentration of ald. determined by RIA before or after exp


**Agents:** Deoxycorticosterone acetate; Deoxycorticosterone acetate, 11-; Deoxycorticosterone, 5a-dihydro-; Deoxycorticosterone, 5a-dihydro-11- **Vehicle:** Ethanol; Propylene glycol; Water; **Route:** SC; **Species:** Rat; **Pump:** Not Stated; **Duration:** 7 days;

**ALZET Comments:** additional pump implanted after 7 and 14 days adjacent to the ‘spent’ pumps


**Agents:** Deoxycorticosterone acetate; Deoxycorticosterone acetate, 11-; Deoxycorticosterone, 5a-dihydro-; Deoxycorticosterone, 5a-dihydro-11- **Vehicle:** Ethanol; Propylene glycol; Water; **Route:** SC; **Species:** Rat; **Pump:** Not Stated; **Duration:** 7 days;

**ALZET Comments:** no comment posted


**Agents:** Aldosterone; Corticosterone; Deoxycorticosterone acetate; Dexamethasone acetate; Estradiol, 17B-; Hydrocortisone; Progesterone; Spirolonolactone; Testosterone **Vehicle:** PEG; PEG 400; PEG 600; **Route:** IP; **Species:** Rat; **Pump:** 1701; **Duration:** Not Stated;

**ALZET Comments:** 3-7 days aldosterone, 6 days PEG only; replacement therapy (adrenalectomy)