Palliativedrugs.com summary of compatibility reports for hydromorphone

### Chemical and physical laboratory data

- Hydromorphone +
  - Bupivacaine (diluent = 0.9% saline)
  - Dimenhydrinate (diluent = none)
  - Lorazepam (diluent = none)
  - Ondansetron (diluent = 0.9% saline)
  - Prochlorperazine (diluent = unknown)

**Dexamethasone sodium phosphate** *(incompatible at high concentrations of both drugs)*

### Physical laboratory data only

- Hydromorphone +
  - Atropine
  - Diazepam
  - Diphenhydramine
  - Glycopyrronium (diluent = unknown)
  - Haloperidol
  - Hyoscine hydrobromide
  - Hydroxyzine
  - Ketorolac
  - Levomepromazine (methotrimeprazine)
  - Metoclopramide
  - Midazolam
  - Phenobarbital

### Observational data only

- Hydromorphone + (2 other drugs)
  - Cyclizine and octreotide (diluent = water for injection (WFI))
  - Haloperidol and hyoscine hydrobromide
  - Hyoscine hydrobromide and octreotide
  - Ketamine and midazolam (diluent = none)
  - Metoclopramide and midazolam (diluent = none)
  - Metoclopramide and ondansetron

- Hydromorphone + (3 other drugs)
  - Cyclizine, haloperidol and midazolam (diluent = water for injection (WFI))
  - Glycopyrronium, haloperidol and promethazine
  - Glycopyrronium, haloperidol and octreotide
  - Glycopyrronium, metoclopramide and octreotide
  - Hyoscine hydrobromide, metoclopramide and octreotide
  - Ketamine, metoclopramide and midazolam (diluent = unknown)

**Haloperidol, hyoscine hydrobromide and promethazine (incompatible)**

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a. includes two reports of *incompatibility (in italics)*

b. diluent = 5% glucose unless otherwise stated
c. diluent = 0.9% saline
d. diluent = none
e. diluent = unknown
f. diluent = water for injection (WFI).


3 Trissel LA et al. (1994) Compatibility and stability of ondansetron hydrochloride with morphine sulfate and with hydromorphone hydrochloride in 0.9% sodium chloride injection at 4, 22, and 32 degrees C. *American Journal of Hospital Pharmacy.* 51: 2138–2142.


8 www.pallcare.info Syringe Driver Compatibility Database accessed 01/06.