

until effect is obtained.

Closely monitor patient. Naloxone's duration of antagonist action may be shorter than that of the opioid, requiring repeated doses of naloxone.

Note: Respiratory depression caused by benzodiazepines (e.g., diazepam [Valium] or midazolam [Versed]) can be reversed with flumazenil (Romazicon). Pediatric dosing experience suggests 0.01 mg/kg (0.1 ml/kg); if no (or inadequate) response after 1 to 2 minutes, administer same dose and repeat as needed at 60-second intervals for maximum dose of 1 mg (10 ml).

Box 5-4

Side Effects of Opioids

General

Constipation (possibly severe)

Respiratory depression

Sedation

Nausea and vomiting

Agitation, euphoria

Mental clouding

Hallucinations

Orthostatic hypotension

Pruritus

Urticaria

Sweating

Miosis (may be sign of toxicity)