

DIPRIVAN® (Propofol) Injectable Emulsion, USP

General

Adverse event information is derived from controlled clinical trials and worldwide marketing experience. In the description below, rates of the more common events represent US/Canadian clinical study results. Less frequent events are also derived from publications and marketing experience in over 8 million patients; there are insufficient data to support an accurate estimate of their incidence rates. These studies were conducted using a variety of premedications, varying lengths of surgical/diagnostic procedures, and various other anesthetic/sedative agents. Most adverse events were mild and transient.

Anesthesia and MAC Sedation in Adults

The following estimates of adverse events for DIPRIVAN include data from clinical trials in general anesthesia/MAC sedation (N=2,889 adult patients). The adverse events listed below as probably causally related are those events in which the actual incidence rate in patients treated with DIPRIVAN was greater than the comparator incidence rate in these trials. Therefore, incidence rates for anesthesia and MAC sedation in adults generally represent estimates of the percentage of clinical trial patients which appeared to have probable causal relationship.

The adverse experience profile from reports of 150 patients in the MAC sedation clinical trials is similar to the profile established with DIPRIVAN during anesthesia (see below). During MAC sedation clinical trials, significant respiratory events included cough, upper airway obstruction, apnea, hypoventilation, and dyspnea.

Anesthesia in Pediatric Patients

Generally the adverse experience profile from reports of 506 DIPRIVAN pediatric patients from 6 days through 16 years of age in the US/Canadian anesthesia clinical trials is similar to the profile established with DIPRIVAN during anesthesia in adults (see Pediatric percentages (Peds %) below). Although not reported as an adverse event in clinical trials, apnea is frequently observed in pediatric patients.

ICU Sedation in Adults

The following estimates of adverse events include data from clinical trials in ICU sedation (N=159 adult patients). Probably related incidence rates for ICU sedation were determined by individual case report form review. Probable causality was based upon an apparent dose response relationship and/or positive responses to rechallenge. In many instances the presence of concomitant disease and concomitant therapy made the causal relationship unknown. Therefore, incidence rates for ICU sedation generally represent estimates of the percentage of clinical trial patients which appeared to have a probable causal relationship.

Incidence greater than 1% - Probably Causally Related		
	Anesthesia/MAC Sedation	ICU Sedation
Cardiovascular:	Bradycardia Arrhythmia (Peds: 1.2%) Tachycardia Nodal (Peds: 1.6%) Hypotension* (Peds: 17%) (see also CLINICAL PHARMACOLOGY) Hypertension (Peds: 8%)	Bradycardia Decreased Cardiac Output Hypotension 26%
Central Nervous System:	Movement* (Peds: 17%)	
Injection Site:	Burning/Stinging or Pain, 17.6% (Peds: 10%)	
Metabolic/Nutritional:		Hyperlipemia*
Respiratory:	Apnea (see also CLINICAL PHARMACOLOGY)	Respiratory Acidosis During Weaning*
Skin and Appendages:	Rash (Peds: 5%) Pruritus (Peds: 2%)	

Events without an * or % had an incidence of 1% to 3%

*Incidence of events 3% to 10%

Incidence less than 1% - Probably Causally Related		
	Anesthesia/MAC Sedation	ICU Sedation
Body as a Whole:	Anaphylaxis/Anaphylactoid Reaction Periatal Disorder Tachycardia Bigeminy Bradycardia Premature Ventricular Contractions Hemorrhage ECG Abnormal Arrhythmia Atrial Fever	
Cardiovascular:	Premature Atrial Contractions Syncope	

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Incidence less than 1% - Causal Relationship Unknown (cont'd)

	Anesthesia/MAC Sedation	ICU Sedation
Special Senses:	Diplopia, Ear Pain, Eye Pain, Nystagmus, Taste Perversion, Tinnitus	
Urogenital:	Oliguria, Urine Retention	Kidney Failure

DRUG ABUSE AND DEPENDENCE:

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OVERDOSAGE:

If overdose occurs, DIPRIVAN administration should be discontinued immediately. Overdosage is likely to cause cardiorespiratory depression. Respiratory depression should be treated by artificial ventilation with oxygen. Cardiovascular depression may require repositioning of the patient by raising the patient's legs, increasing the flow rate of intravenous fluids, and administering pressor agents and/or anticholinergic agents.

DOSAGE AND ADMINISTRATION:

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When administering DIPRIVAN by infusion, syringe or volumetric pumps are recommended to provide controlled infusion rates. When infusing DIPRIVAN to patients undergoing magnetic resonance imaging, metered control devices may be utilized if mechanical pumps are impractical.

Changes in vital signs indicating a stress response to surgical stimulation or the emergence from anesthesia may be controlled by the administration of 25 mg (2.5 mL) to 50 mg (5 mL) incremental boluses and/or by increasing the infusion rate of DIPRIVAN.

For minor surgical procedures (e.g., body surface) nitrous oxide (60% to 70%) can be combined with a variable rate DIPRIVAN infusion to provide satisfactory anesthesia. With more stimulating surgical procedures (e.g., intra-abdominal), or if supplementation with nitrous oxide is not provided, administration rate(s) of DIPRIVAN and/or opioids should be increased in order to provide adequate anesthesia.

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Other drugs that cause CNS depression (e.g., sedatives, anesthetics, and opioids) can increase CNS depression induced by propofol. Morphine premedication (0.15 mg/kg) with nitrous oxide 67% in oxygen has been shown to decrease the necessary propofol injection maintenance infusion rate and therapeutic blood concentrations when compared to non-narcotic (lorazepam) premedication.

Induction of General Anesthesia

Adult Patients

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Elderly, Debilitated, or ASA-PS III or IV Patients

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Pediatric Patients

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