

Jackson County Medical Control Authority
MICU Protocols
MANNITOL (OSMITROL)

Date: December 2017

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Mannitol (Osmitol)

Indications: Adjunct in the treatment of acute oliguric renal failure. Adjunct in the treatment of cerebral edema. Reduction in intracranial or intraocular pressure.

Contra-indications: Hypersensitivity, anuria, dehydration, active intracranial bleeding.

Administration: **Cerebral edema, oliguric renal failure:** 50-100 g IV as a 5-25% solution. May precede with a test dose of 0.2 g/kg over 3-5 minutes.
Reduction of intracranial or intraocular pressure: IV, 0.25-2 g/kg as a 15-25% solution over 30-60 minutes.

MICU Directives:

1. Follow generalized protocol for MICU transports.
2. Administer as ordered unless significant adverse effects occur.