

Oxytocin (Pitocin)

Formulary

Douglas County Kansas EMS System

March 2021

Approved Provider: Paramedic

Referenced Protocols: [Childbirth](#), [OB GYN Emergencies](#)

Dosing and Administration	
<u>ADULT Medications:</u> <ul style="list-style-type: none">10 units IM	<u>PEDIATRIC Medications:</u>

Pharmacology and Actions:

- Normal occurring posterior pituitary hormone
 - Exerts a selective action on uterine smooth muscle
 - Stimulates rhythmic contractions of the uterus
 - Increases the frequency of existing contractions
 - Raises the tone of the uterine musculature
 - Exerts slight anti-diuretic effect (ADH effect) in large doses

Indications:

- Control of postpartum hemorrhage AFTER placental delivery

Contraindications:

- None

Precautions:

- Uterine hypertonicity, tetany, and rupture

Side Effects:

- Hypertensive episodes, subarachnoid bleeding
- Tachycardia, Cardiac dysrhythmias, PVC's