

<div> <div>Drug Information Table</div> <div>Synthetic prostaglandins – dinoprostone vaginal insert (Cervidil) or gel (Prepidil)</div> </div>		
Therapeutic Use	Administration	
<ul style="list-style-type: none"> Promotion of cervical ripening prior to labor induction Stimulation of uterine contractions after cervical ripening 	<p>Gel:</p> <ul style="list-style-type: none"> Have patients void prior to insertion. Administer intracervically using a syringe prefilled with the drug in gel form and an endocervical catheter. Have patients lie supine during instillation and remain supine for 30 min. Repeat dosing every 6 hr, twice, if the desired therapeutic effect has not occurred. Monitor uterine activity and fetal heart rate. Monitor uterine hyperstimulation (contractions lasting longer than 60 seconds, occurring more frequently than every 2 to 3 min, resting uterine pressure greater than 15 to 20 mm Hg). Report hyperstimulation immediately. Begin oxytocin 6 to 12 hr after the last dose. <p>Vaginal insert:</p> <ul style="list-style-type: none"> Have patients void prior to insertion. Insert the pouch containing the drug into the posterior fornix of the vagina. Have patients lie supine for 2 hr while the pouch gradually releases the drug. Remove the pouch using the attached tape when active labor begins or 12 hr later. Follow the monitoring precautions listed above. 	
Side/Adverse Effects	Interventions	Patient Instructions
<ul style="list-style-type: none"> Uterine hyperstimulation 	<ul style="list-style-type: none"> Monitor risk factors such as multiple deliveries. Monitor length, strength, and duration of contractions. For indications of hyperstimulation, turn patients on her side, remove the pouch (if it is used), and administer oxygen. Be prepared to administer a uterine relaxant. 	<ul style="list-style-type: none"> Report increasing duration or strength of contractions.
<ul style="list-style-type: none"> Nausea, vomiting, diarrhea 	<ul style="list-style-type: none"> Monitor for nausea, vomiting, and diarrhea. For patients who develop these symptoms, pretreat subsequent doses of gel with antidiarrheal and antiemetic agents. Maintain hydration. 	<ul style="list-style-type: none"> Report nausea, vomiting, and diarrhea. Increase clear fluid intake as needed.
<ul style="list-style-type: none"> Fever 	<ul style="list-style-type: none"> Monitor temperature. Inform patients that fever is an expected response within 15 to 45 min after instillation and resolves within 2 to 4 hr after the therapy ends. 	<ul style="list-style-type: none"> Report fever.
Contraindications	Precautions	Interactions
<ul style="list-style-type: none"> Acute pelvic inflammatory disease Active cardiac disease Active lung disease Liver or kidney impairment Fetal malpresentation Nonreassuring fetal heart rate pattern Uterine scarring from previous surgery 	<ul style="list-style-type: none"> Hypo- or hypertension Asthma Diabetes mellitus Uterine scarring from previous cesarean section Seizure Glaucoma 	<ul style="list-style-type: none"> Oxytotic agents increase the risk of uterine hyperstimulation.