

## Carbetocin PharmIdea

100 microgram/ml solution for injection

### Pharmacological information.

Carbetocin is a long-acting synthetic Oxytocin analogue.

**Therapeutic indications.** Pharmidea Carbetocin is indicated for the prevention of postpartum haemorrhage due to uterine atony.

### Dosage and Administration.

Caesarean section under epidural or spinal anaesthesia:  
Withdraw 1 ml of Pharmidea Carbetocin containing 100 micrograms carbetocin and administer only by intravenous injection, under adequate medical supervision in a hospital.

Vaginal delivery:  
Withdraw 1mg of Pharmidea Carbetocin containing 100 micrograms carbetocin and administer by intravenous injection or intramuscular injection, underadequate medical supervision in a hospital.

### Carbetocin versus Oxytocin

Characteristics	Carbetocin 100 µg/ml	Oxytocin 20IU in 1000 ml 0,9% NaCl
Administration	1 single i/v dosage	infusion 150 ml/hour
Half-life period	40 min	3–5 min
Additional uterotonic agents	no need	need additional
Haemodynamic effects	hypotensive effect	greater hypotensive effect
Diuresis	higher	lower
Maternal adverse risk	lower	higher
Blood loss	lower	higher

**Conclusions.** A single intravenous dose of 100 µg of carbetocin has been shown to be as effective as a 16-hour infusion of oxytocin in preventing intraoperative blood loss after Caesarean section. Considering its potential advantages over oxytocin – Carbetocin is more rapid and longer duration of effect, lower volumes to administer.

Data source: Society of Obstetricians and Gynaecologists of Canada (SOGC). European Board and College of Obstetrics and Gynaecology (EBCOG).

**Pharmacotherapeutic group:** Oxytocin and analogues

**ATC code:** H01BB03

Store and transport refrigerated 2 °C–8 °C.

Store in the original package in order to protect from light. Do not freeze.

**Manufacturer:** PharmIdea SIA, 4 Rupnicu Str., Olaine, LV 2114, Latvia

