👶 НВ	M Pharm	ia	Le	aflet OXYTOCIN	EVEXY	10 IU/mL nav	PH (HPH/I/10/2)
SAP No	505777		Quality	white paper, 40 g/m ²	Colours	Black	Replaces SAP:
Artwork No	N505777.	01-PH	Dimensions	150x540 mm		Black	Approved
DMcode	505777		Prepared	A.Vozarova/25.08.2022	↑ _z		, approved
			Checked	L. Kyjova/25.08.2022	GECTIO		
Folded leaflet size 150x2		270 mm / DMcodes outside		FIBRE DIRE			
Leaflets must comply with PNOM-OD 9 Leaflets developed by HBM Pharma.			1 8				

	OXYTOCIN	than 20 drops/minute (10 milliunits/minute), and the recommended maximum rate is 40 drops/minute	
	EVEXY J./mL Solution for Injec (I.M. / I.V. Infusion) DR PITUITARY LOBE HO	ction (20 milliunits/minute). In the unusual event that higher rates are required, as may occur in the management of fetal death in utero or for induction of labour at an earlier stage of pregnancy, when the uterus is less	
FORMULATION Each mL contai Oxytocin		When using a motor-driven infusion pump which delivers smaller volumes than those given by drip infusion, the concentration suitable for infusion within	
PRODUCT DESI Clear colourles Solution is filled PHARMACODY Pharmacothera preparations, of oxytocin and an Mechanism of a Oxytocin is a c chemical synthe the natural hor pituitary and rel response to suc Oxytocin stimula more powerfully labour, and imm oxytocin receptor The oxytocin receptors. Activ release of calci leads to myome	CRIPTION so liquid with charac in 1 mL transparent glas NAMICS peutic group: Syster excl. sex hormones alogues.	teristic odour. teristic odour. is ampoule. The frequency, strength, and duration of contractions as well as the fetal heart rate must be carefully monitored throughout the infusion. Once an adequate level of uterine activity is attained, aiming for 3 to 4 contractions every 10 minutes, the infusion rate can often be reduced. In the event of uterine hyperactivity and/or fetal distress, the infusion must be discontinued immediately. If, in women who are at term or near term, regular contractions are not established after the infusion of a total amount of 5 IU, it is recommended that the attempt to induce labour be ceased; it may be repeated on the following day, starting again from a rate of 2 to 8 drops/minute (1 to 4 milliunits/ minute). Incomplete, inevitable, or missed abortion: 5 IU by IV infusion (5 IU diluted in physiological electrolyte solution and administered as an IV drip infusion or, preferably, by means of a variable-speed infusion pump over 5 minutes), if necessary, followed by IV infusion at a rate of 20 to 40 milliunits/minute.	
segment of ute duration to those Being synthetic contain vasopre possesses son antidiuretic activ Based on <i>in vitro</i> had been report receptors probal binding sites, de and internalizatio Plasma levels a Intravenous inf continuous IV induction or e response sets in	erus, similar in frequer e observed during labou s, oxytocin in this pro- ssin, but even in its pure me weak intrinsic va vity. studies, prolonged expose ed to cause desensitizat obly due to down-regulati stabilization of oxytocin re of oxytocin receptors. Ind onset/duration of ef usion. When oxytocin infusion at doses a inhancement of labou	 asopressin-like asopressin-like by row industry of postpartum uterine haemorrhage: The usual dose is 5 IU by IV infusion (5 IU diluted in physiological electrolyte solution and administered as an IV drip infusion (5 IU diluted in physiological electrolyte solution and administered as an IV drip infusion or, preferably, by means of a variable-speed infusion pump over 5 minutes) or 5-10 IU IM after delivery of the placenta. In women given oxytocin for induction or enhancement of labour, the infusion should be continued at an increased rate during the third stage of labour and for the next few hours thereafter. Treatment of postpartum uterine haemorrhage: 	
state within 20 plasma levels of measured durin example, oxytoo at term receiving infusion were discontinuation	to 40 minutes. The of oxytocin are compa g spontaneous first-sta in plasma levels in 10 pr g a 4 milliunits per minu 2 to 5 microunits of the infusion, or iction in the infusion ra	corresponding arable to those age labour. For regnant women5 IU by IV infusion (5 IU diluted in physiological electrolyte solution and administered as an IV drip infusion or, preferably, by means of a variable-speed infusion pump over 5 minutes) or 5-10 IU IM, followed in severe cases by IV infusion of a solution containing 5 to 20 IU of oxytocin in 500 mL of an electrolyte- containing diluent, run at the rate necessary to control	

infusion at 4 milliunits per minute in pregnant women at term were 2 to 5 microunits/mL.

Distribution Elderly (65 years and over) The steady-state volume of distribution determined in There are no indications for use of Oxytocin (Evexy) 6 healthy men after IV injection is 12.2 L or 0.17 L/kg. in elderly. Plasma protein binding is negligible for oxytocin. It crosses the placenta in both directions. Oxytocin may Mode of administration Intravenous (IV), intramuscular (IM) injection and be found in small quantities in mother's breast milk. intravenous infusion. **Biotransformation / Metabolism** Oxytocinase is a glycoprotein aminopeptidase that is Parenteral drug product should be inspected visually for produced during pregnancy and appears in the plasma. particulate matter and discoloration prior to It is capable of degrading oxytocin. It is produced from administration, whenever solution and container permit. both the mother and the fetus. Liver and kidney play a Single Dose. major role in metabolizing and clearing oxytocin from Use Only Once or Discard any remaining portion. the plasma. Thus, liver, kidney and systemic circulation contribute to the biotransformation of oxytocin. CONTRAINDICATIONS Elimination Hypersensitivity to the active substance or to any Plasma half-life of oxytocin ranges from 3 to of the excipients listed in section "Formulation". 20 minutes. The metabolites are excreted in urine - Hypertonic uterine contractions, mechanical whereas less than 1 % of the oxytocin is excreted obstruction to delivery, fetal distress. unchanged in urine. The metabolic clearance rate Any condition in which, for fetal or maternal reasons, amounts to 20 mL/kg/min in the pregnant woman. spontaneous labour is inadvisable and/or vaginal Renal impairment No studies have been performed in renally impaired delivery is contraindicated: e.g.: significant cephalopelvic disproportion; patients. However, considering the excretion of oxytocin and its reduced urinary excretion because fetal malpresentation; placenta praevia and vasa praevia; of antidiuretic properties, the possible accumulation | of oxytocin can result in prolonged action. placental abruption; cord presentation or prolapse; Hepatic impairment No studies have been performed in hepatically impaired - over distension or impaired resistance of the uterus patients. Pharmacokinetic alteration in patients with to rupture as in multiple pregnancy; impaired hepatic function is unlikely since metabolising - polyhydramnios; enzyme, oxytocinase, is not confined to liver alone and - grand multiparity; the oxytocinase levels in placenta during the term has - In the presence of a uterine scar resulting from significantly increased. Therefore, biotransformation of major surgery including classical caesarean section. oxytocin in impaired hepatic function may not result in Oxytocin (Evexy) should not be used for prolonged substantial changes in metabolic clearance of oxytocin. periods in patients with oxytocin-resistant uterine INDICATIONS inertia, severe pre-eclamptic toxaemia or severe Antepartum cardiovascular disorders. - Induction of labour for medical reasons, e.g. in cases Oxytocin (Evexy) must not be administered within of post-term gestation, premature rupture of membranes, 6 hours after vaginal prostaglandins have been given. pregnancy-induced hypertension (pre-eclampsia). WARNINGS AND PRECAUTIONS - Stimulation of labour in hypotonic uterine inertia. - Early stages of pregnancy as an adjunctive therapy Oxytocin (Evexy) must only be administered as an for the management of incomplete, inevitable, or IV infusion and never by IV bolus injection as it may cause an acute short-lasting hypotension accompanied missed abortion. with flushing and reflex tachycardia. Postpartum - During caesarean section, following delivery of the Induction of labour child. The induction of labour by means of oxytocin should - Prevention and treatment of postpartum uterine be attempted only when strictly indicated for medical atony and haemorrhage reasons. Administration should only be under hospital DOSAGE AND ADMINISTRATION / ROUTE OF conditions and qualified medical supervision. ADMINISTRATION Cardiovascular disorders Induction or enhancement of labour: Oxytocin (Evexy) should be used with caution in patients Oxytocin (Evexy) should not be started for 6 hours who have a pre-disposition to myocardial ischaemia following administration of vaginal prostaglandins. Oxytocin (Evexy) should be administered as an due to pre-existing cardiovascular disease (such as hypertrophic cardiomyopathy, valvular heart disease intravenous (IV) drip infusion or, preferably, by means and/or ischaemic heart disease including coronary of a variable-speed infusion pump. For drip infusion it is recommended that 5 IU artery vasospasm), to avoid significant changes in (international units) of Oxytocin (Evexy) be added to blood pressure and heart rate in these patients. 500 mL of a physiological electrolyte solution (such as QT Syndrome sodium chloride 0.9 %). For patients in whom infusion Oxytocin (Evexy) should be given with caution to of sodium chloride must be avoided, 5 % dextrose patients with known "long QT syndrome" or related solution may be used as the diluent. To ensure even symptoms and to patients taking drugs that are known mixing, the bottle or bag must be turned upside down to prolong the QTc interval. several times before use. The initial infusion rate should be set at 2 to 8 When Oxytocin (Evexy) is given for induction and drops/minute (1 to 4 milliunits/minute). It may be enhancement of labour: gradually increased at intervals not shorter than - Fetal distress and fetal death: Administration of 20 minutes and increments of not more than 1 to 2 oxytocin at excessive doses results in uterine milliunits/minute, until a contraction pattern similar to overstimulation which may cause fetal distress, that of normal labour is established. In pregnancy near asphyxia and death, or may lead to hypertonicity, term this can often be achieved with an infusion of less tetanic contractions or rupture of the uterus.

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	IV fluid administration may	/ cause fluid overload orm of acute pulmonary a.
of borderline cephalopelvic disproportion, secondary terine inertia, mild or moderate degrees of pregnancy- induced hypertension or cardiac disease, and in patients above 35 years of age or with a history	1.Headache, anorexia, nausea pain. 2.Lethargy, drowsiness, grand-mal type seizures.	, vomiting and abdominal unconsciousness and
- Disseminated intravascular coagulation: In rare circumstances, the pharmacological induction of labour using uterotonic agents, including oxytocin increases the risk of postpartum disseminated	3.Low blood electrolyte conce Undesirable effects (Tables 1 heading of frequency, the mos following convention: very	and 2) are ranked under t frequent first, using the common $(\geq \geq 1/10);$
induction itself and not a particular agent is linked to such risk. This risk is increased in particular if the woman has additional risk factors for DIC such as	common ($\geq \geq 1/100$ to <1/10 to <1/100); rare ($\geq 1/10,000$ (<1/10,000), including isola (cannot be estimated from adverse reactions (ADRs) tabu	to $<1/1,000$); very rare ted reports; not known the available data). The
pregnancy and gestational age more than 40 weeks. In these women, oxytocin or any other alternative drug should be used with care, and the practitioner should be alerted by signs of DIC.	clinical trial results as well as po The adverse drug reaction marketing experience with oxy case reports and literature cas	est-marketing reports. Is derived from post- tocin are via spontaneous es.
In the case of fetal death in utero, and/or in the presence of meconium-stained amniotic fluid, tumultuous labour must be avoided, as it may cause amniotic fluid embolism.	Because these reactions are a population of uncertain si reliably estimate their freque categorized as not known. Ac listed according to system or Within each system organ cla in order of decreasing serious	ze, it is not possible to ency which is therefore lverse drug reactions are gan classes in MedDRA. ass, ADRs are presented
Because oxytocin possesses slight antidiuretic activity, its prolonged IV administration at high doses in conjunction	Table 1 Adverse drug react	
treatment of inevitable or missed abortion or in the management of postpartum haemorrhage, may cause water intoxication associated with hyponatraemia. The combined antidiuretic effect of oxytocin and the IV fluid	Immune system disorders	Adverse drug reaction Rare: anaphylactoid reaction associated with dyspnoea, hypotension or shock
	Cardiac disorders	Common: headache Common: tachycardia, bradycardia Uncommon: arrhythmia Not known: myocardial ischaemia, QTc
the volume of infused fluid should be kept low (by infusing oxytocin at a higher concentration than recommended for the induction or enhancement of labour at term); fluid intake by mouth must be restricted; a fluid balance chart		prolongation Not known: hypotension, haemorrhage Common: nausea,
should be kept, and serum electrolytes should be measured when electrolyte imbalance is suspected.	Skin and subcutaneous	vomiting Rare: Rash
renal impairment because of possible water retention and possible accumulation of oxytocin.	·	Not known: uterine hypertonicity, tetanic contractions, rupture of the uterus Not known: water
Oxytocin (Evexy) can induce labour, therefore caution should be exercised when driving or operating machines. Women with uterine contractions should not drive or use machines.	disorders Respiratory, thoracic and mediastinal disorders	intoxication, maternal hyponatraemia Not known: acute pulmonary oedema
PREGNANCY AND LACTATION Pregnancy The induction of labour by means of oxytocin should be attempted only when strictly indicated for medical		Not known: flushing Not known: disseminated intravascular coagulation
Animal reproduction studies have not been conducted with oxytocin. Based on the wide experience with this drug and its chemical structure and pharmacological properties, it is not expected to present a risk of fetal abnormalities when used as indicated. Breastfeeding	Table 2 Adverse drug react System organ class Pregnancy, puerperium and perinatal conditions Metabolism and nutrition Pregnancy, puerperium and perinatal conditions	distress, asphyxia and death Not known: neonatal
alimentary tract where it undergoes rapid inactivation.	OVERDOSE AND TREATMEN The fatal dose of oxytocin ha	as not been established.
Animal reproduction studies have not been conducted with oxytocin. The effects of oxytocin on fertility are unknown.	Oxytocin is subject to ina enzymes of the alimentary absorbed from the intestine toxic effects when ingested.	tract. Hence it is not and is not likely to have
Interactions resulting in a concomitant use not recommended Prostaglandins and their analogues	The symptoms and consequi- those mentioned under s reactions". In addition, as a mulation, placental abruptio embolism have been reported	rection "Adverse drug result of uterine oversti- n and/or amniotic fluid
contraction of the myometrium hence oxytocin can potentiate the uterine action of prostaglandins and analogues and vice versa.	Treatment: When signs or s occur during continuous IV ac the infusion must be disconti should be given to the mothe	mptoms of overdosage Iministration of oxytocin, nued at once and oxygen
Oxytocin should be considered as potentially arrhythmogenic, particularly in patients with other risk factors for Torsades de Pointes such as drugs which prolong the QT interval or in patients with history of long QT syndrome.	xication, it is essential to rest diuresis, correct electrolyte convulsions that may eventu use of diazepam. In the case should be maintained with ro employed in the nursing of the	rict fluid intake, promote imbalance, and control ially occur, by judicious of coma, a free airway utine measures normally
Inhalation anaesthetics (e.g., cyclopropane, halothane, sevoflurane, desflurane) have a relaxing effect on the uterus and produce a notable inhibition of uterine tone	CAUTION Foods, Drugs, Devices, and dispensing without prescriptio	on.
oxytocin. Their concurrent use with oxytocin has also been reported to cause cardiac rhythm disturbances. <i>Vasoconstrictors/Sympathomimetics</i> Oxytocin may enhance the vasopressor effects of	ADR REPORTING STATEMEN For suspected adverse drug re www.fda.gov.ph. Seek medic at the first sign of any adverse	action, report to the FDA: al attention immediately
contained in local anaesthetics. <i>Caudal anaesthetics</i>	STORAGE CONDITION Store in a refrigerator (2°C to 8 Keep all medicines out of reac	,
sympathomimetic vasoconstrictor agents. ADVERSE DRUG REACTIONS As there is a wide variation in uterine sensitivity, uterine	AVAILABILITY Type I hydrolytic resistant glas glass ampoule x 1 mL (net cor	
normally considered to be low doses. When oxytocin is used by IV infusion for the induction or enhancement of labour, administration at too high doses results in uterine overstimulation which may cause fetal distress,	DRP-8748 Date of First Authorization: Fel Date of Revision of Package Ir	
Rapid IV bolus injection of oxytocin at doses amounting to several IU may result in acute short-lasting hypotension accompanied with flushing and reflex tachycardia. These	Manufactured by: HBM PHARMA S.R.O. SKlabinska 30, 036 80 Martin Manufactured for:	, Slovak Republic
rapid haemodynamic changes may result in myocardial ischemia, particularly in patients with pre-existing cardiovascular disease. Rapid IV bolus injection of oxytocin at doses amounting to several IU may also lead to QTc	JSC GRINDEKS 53 Krustpils Street, Riga, LV-1 Imported by:	
In rare circumstances the pharmacological induction of labour using uterotonic agents, including oxytocin, increases the risk of postpartum disseminated	AMBICA INTERNATIONAL CO 9 Amsterdam Extension, Merv Parañaque City Distributed by:	
Water intoxication Water intoxication associated with maternal and neonatal hyponatraemia has been reported in cases	TAMIGA PHARMACEUTICAL Door 8 D' jobs Bldg., Matumbe Pusok, Lapu-Lapu, Cebu	
where high doses of oxytocin together with large amounts of electrolyte-free fluid have been administered over a prolonged period of time.		06/05/2022 HPH/I/10/2