Ibuprofen

FORM Ampoule containing 10mg in 2ml

INDICATION Treatment of a haemodynamically significant patent ductus arteriosus in preterm newborn infants less than 34 weeks of gestational age.

DOSE RANGE **3 dose course (including subsequent courses)**

AGE	DOSE	FREQUENCY	ROUTE
Preterm neonate < 34 weeks gestation	10mg/kg	LOADING DOSE 1 dose only followed at 24 hour intervals by	IV
	5mg/kg	24hours after loading dose 2nd and 3rd doses given at 24 hour intervals*	IV

* If the ductus arteriosus does not close 48 hours after the last injection or if it reopens, a second course of 3 doses, as above, may be given. If the condition is unchanged after the second course of therapy, surgery of the patent ductus arteriosus may then be necessary.
Alternatively, if duct remains open 24 hours after third dose, a fourth and fifth dose may be given at 24 hour intervals

RECONSTITUTION Already in solution

DILUTION Preferably to be administered undiluted

METHOD OF ADMINISTRATION Administer as a short IV infusion over 15 minutes.

Before and after administration, to avoid contact with any acidic solution, flush infusion over 15 minutes with 1.5 to 2ml of either Sodium chloride 0.9% or Glucose 5% solution for injection.

COMPATIBILITY

Solution compatibility	sodium chloride 0.45%, sodium chloride 0.9%, glucose 5%
Solution incompatibility	All other IV fluids.
IV Line compatibility	No other drugs or IV fluids at same time in same line.
IV Line incompatibility	All other drugs

THIS LIST IS NOT EXHAUSTIVE PLEASE CONTACT PHARMACY FOR FURTHER INFORMATION ON COMPATIBILITY WITH ANY MEDICINES NOT INCLUDED

CAUTIONS, CONTRA-INDICATIONS AND SIDE EFFECTS
- See Summary of Product Characteristics and most recent edition of BNF for Children (links below)

FURTHER INFORMATION

- Extravasation risk- may cause irritation to surrounding tissues upon extravasation.

- Chlorhexidine must not be used to disinfect the neck of the amp as it is not compatible with Pedea ®
- Use with caution in renal, cardiac or hepatic impairment. Careful monitoring of renal and gastrointestinal function is recommended during treatment

PH 7.8 – 8.2

LICENSED STATUS Licensed medicine

LINKS BNF for Children: / Electronic Medicines Compendium

APPLICABLE POLICIES West of Scotland Neonatal Guidelines:

Consult local policy if applicable

Document Number:	003	Supersedes:	002
Prepared by:	WoS Neopharm Group	Checked by	Peter Mulholland
Date prepared	May 2016	Date updated	September 2019
Updated by	Peter Mulholland	Review Date	September 2022

Administer reconstituted solutions immediately.
All vials, ampoules and infusion bags are for single use only unless otherwise stated.
Dose may vary depending on indication, age, renal function, hepatic function, and concomitant medications.
This monograph should be used in conjunction with the package insert, BNF for Children, and Summary of Product Characteristics. For further advice contact your clinical pharmacist or pharmacy department.