

Handling Care Instructions for D-mine® Pump Infusion Therapy



D-mine® Pump

## HANDLING CARE INSTRUCTIONS

For the treatment of Parkinson's disease patients with continuous subcutaneous infusions of Dacepton® (Apomorphine Hydrochloride 5 mg/ml in 20 ml vial).

These instructions are provided on the understanding that the user or patient was adequately trained by the hospital or other certified persons and knows the handling steps for his/her infusion therapy. It does not replace the information of the instructions for use of the pump system or the patient information leaflet of the pharmaceutical product.

Dispose of used and sharp materials according to local requirements.

## 1. PREPARATION

- Put the D-mine® Pump in place.
- Make sure you have a clean working space.
- In addition to disinfection solution, disinfection pad and patch you will need the following disposables:
- Apomorphine 20 ml vial
- Special D-mine® Pump Reservoir 20 ml for your infusion pump
- Infusion set (catheter)



## 2. WORKING STEPS

**1.** Hands should be washed and disinfected with disinfection solution.



2. Take a new D-mine® Pump Reservoir and remove it from the packaging.



**3.** Insert the reservoir with the pre-assembled adapter into the opening of the pump.



You are now ready for the pump filling process.

**4.** Take the vial and remove the orange cap. Do not remove the grey plunger.



**7.** With the vial attached turn the pump around and place it upright into the docking station.



9. Remove the vial with the attached adapter from the pump by turning anti-clockwise.



**5.** Place the vial upright into the indicated space of the docking station of the pump.



**8.** To start the filling process press the confirm button on the pump.



 Screw the infusion line onto the luer connection of the pump reservoir.



**6.** Attach the pump with the adapter to the vial vertically from above.



Please note:

The pump automatically transfers the drug from the vial into the reservoir. It takes a few minutes and you can follow the progress on the screen. The pump indicates the end of the filling process. Please verify and press the confirm button

onto 11. The needle is placed according to the recommendations of the Healthcare Professional.



To start the infusion, please refer to the instructions for use of the pump system. Under consultation with the Parkinson's disease specialist, the dose will be determined and set on the pump.

Our mission is to improve the quality of life of Parkinson's disease patients. Each and every day – step by step.

www.d-minecare.com

1



some cases, and in a few patients may result in cessation of therapy. Apomorphine has been associated with sudden sleep onset episodes, syncope and headache. Vascular disorders: Uncommon: Postural hypotension is seen infrequently and is usually transient: Resp mediastinal disorders Common: Yawning has been reported during apomorphine therapy. Uncommon: Breathing difficulties have been reported. Gastrointestinal disorders: Common: Nausea and vomiting, particularly when apomorphine treatment is first initiated, usual or domesting the stream of domesting and subcutaneous to succeed a value ratio and particularly when apomorphine treatment is first initiated, usual or domesting the subcutaneous notice in a discorders: Uncommon: Most patients experience injection site reactions, particularly when a promorphine the particular in the patients of the patients and uncertain have been reported. In a irritation, thing, bruising and pain) may also occur. Uncommon: Injection site necrosis and ulceration have been reported for patients receiving apomorphine. Reporting of suspected adverse reactions Reporting suspected adverse reactions after authorisation of the medicinal product is important. It allows con the benefit/risk balance of the medicinal product. Healthcare professionals are asked to report any suspected adverse reactions via the national reporting system. Overdose, There is title cinical experience of overdose with apomorphine by this route of advanced with artopine.

PHARMACODYNAMIC PROPERTIES: Pharmacotherapeutic group: Anti-Parkinson drugs, dopamine agonists, ATC code: NO4B C07. Mechanism of action: Apomorphine is a direct stimulant of dopamine receptors and while possessing both D1 and D2 receptor agonist properties does not share transport or metabolic pathways with levodopa. Although in infact experimental animals, administration of apomorphine suppresses the rate of firing of nigro-striatal cells and in low dose has been found to produce a reduction in locomotor activity (thought to represent pre-synaptic inhibition of endogenous dopamine release) its actions on parkinsonian motor disability are likely to be mediated at post-synaptic receptor sites. This biphasic effect is also seen in humans. Pharmacokinetic properties: After subcutaneous injection of apomorphine in fact can be described by a two-compartment model, with a distribution half-life of § (§ 1.1) minutes and an elimination half-life of 30 (8.3) minutes. Clinical response correlates well with levels of apomorphine in the cerebrospinal fluid; the active substance (about 1 hour) is explained by its rapid clearance. The metabolic is by glucuronidation and sulphonation to at least ten per cent of the total; other pathways have not been described. PERCLINICAL SAFETY DATA: Repeat dose subcutaneous toxicity studies reveal no special hazard for humans, beyond the information included in other sections of the SmPC. In vitro genotoxicity studies demonstrated mutagenic and clastogenic effects, most likely due to products formed by oxidation of apomorphine was not teratogenic in this species, but it was noted that doses which are toxic to the mother can cause loss of maternal care and failure to breathe in the newbon. No carcinogenicity studies h material should be disposed in accordance with local requirements. Continuous infusion and the use of a minipump and or syringe-driver ine choice of which minipump and of syringe-driver to use, and the dosage settings required, will be determined by the physician in particular needs of the patient. MARKETING AUTHORISATION NUMBER: AT/H/0364/002/DC. Legal Category: POM. Date of last revision: October 2023.