TREPROSTINIL SODIUM

BRAND NAME	REMODULIN
DRUG CLASS	Vasodilator, prostacyclin analogue
AVAILABILITY	Vial contains 20 mg/20 mL, 50 mg/20 mL, 100 mg/20 mL or 200 mg/20 mL of treprostinil sodium. Also contains sodium chloride, metacresol, sodium citrate dihydrate and sodium hydroxide and/or hydrochloric acid. The solution is clear and colourless to slightly yellow.[1]
WARNING	Do not stop suddenly. Discontinuation, including switching to another similar medicine requires gradual dose reduction over at least 24 hours.[1]
pH	6.0–7.2[1]
PREPARATION	Not required
STABILITY	Vial: store below 25 °C.[1] Once in use, in the pump, stable for 72 hours at 37 °C. Discard vial 30 days after first use.[1]
ADMINISTRATION	
IM injection	Not recommended
SUBCUT injection	Preferred. Administer undiluted by continuous infusion, using a self-inserted subcutaneous catheter and an infusion pump designed for subcutaneous drug delivery.[1] Patients should have immediate access to a back-up infusion pump and subcutaneous infusion sets to avoid accidental interruptions.[1] Patients will require comprehensive training and education on using the infusion system before being able to self-administer.[1]
IV injection	Not recommended
IV infusion	Can be given via a central line when the subcutaneous route is not tolerated.[2] Administration by peripheral IV infusion increases the risk of thrombophlebitis.[1] Seek specialist advice.
COMPATIBILITY	
Fluids	Glucose 5%[2], sodium chloride 0.9%[2], water for injections[2]
Y-site	Not applicable
INCOMPATIBILITY	
Fluids	No information
Drugs	No information
SPECIAL NOTES	Common infusion site reactions include pain, bleeding, bruising, erythema, induration and rash. Reactions may be severe and require therapy to be stopped.[1]

REFERENCES

1. Product information. Available from www.tga.gov.au. Accessed 25/07/16.
2. McEvoy GK editor. Handbook on injectable drugs. 18th ed. Bethesda, MD: American Society of Health-System Pharmacists; 2015.