

Remodulin a.k.a TREPROSTINIL

What is it?

Remodulin is a vasodilator used as part of treatment for those with pulmonary hypertension. It helps keep the blood vessels in your lungs open by acting as natural prostacyclin. This makes it easier for your heart to pump blood through your lungs and in turn decrease pHTN symptoms.

What's Important to Know?

Often patients will come with “Remodulin Cadd Pumps” that look like this:



Taking Care of Remodulin Cadd Pump

- 1) **Medication Syringe needs to be changed every 48 hours**
 - a. Remodulin half-life is 4 hours, so when you change the syringe the patient should not immediately decompensate due to pause in continuous infusion
 - b. DO not let syringe run dry
 - c. CALCULATE how many hours you have left on your syringe at start of your shift based on the reservoir volume that can be seen on your pump screen
- 2) **Tubing needs to be changed every 48 hours**
 - a. MAKE SURE you put a “change date” sticker on tubing (just as you would on your IV tubing lines)
- 3) **Battery of Pump needs to be Change every 2 weeks** (if you do not know when it was last changed, CHANGE it)
- 4) **Site needs to change every 21 days or as needed**
 - a. MAKE SURE to put a label on the site with date (just as you would a CVL dressing)
- 5) **Spare equipment at bedside:**
 - a. Spare batteries

Here are two great videos that walk you through pump set up and using applicator for new site

- Pump Setup: <https://www.youtube.com/watch?v=9NQNUZFCi9I>
- How to apply to new site: <https://www.youtube.com/watch?v=rXDMEzN6sgk>

Is there a policy?

Yes!

It is titled: **TREPROSTINIL (REMODULIN®) USAGE POLICY FOR ADULTS AND PEDIATRICS**

Sources:

Treprostinil. Lexicomp . (n.d.).

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