

HeartMate III



* Heartmate III

- * First one was inserted at TGH last week on 6/9
- * This device is still in the research phase and patients with this device placed are part of an ongoing multicenter study



* Heartmate III

* Information:

- * HM III is smaller than previous versions
- * HM III is fully magnetically levitated for nearly no friction and wear
- * HM III is centrifugal and has large blood flow gaps
 - * This reduces blood trauma
- * HM III periodically increases and decreases the pump speed to create an artificial pulse
 - * This is done to create pressure differences and prevent clotting

* Heartmate III

- * Care of these patients
 - * Still have a pocket controller similar to HM II
 - * The artificial pulse of the pump will normally not be felt only heard when auscultating over the chest/upper abdomen (pump sounds change)
 - * Volume dependent just as previous versions
 - * Still risk of bleeding due to anticoagulation until study identifies therapeutic levels as compared to previous versions

* Heartmate III

- * Care of these patients

- * BP still needs to be manually done using a doppler

- * Ensure you have the patient's spare controller, batteries, AC plug/charger

- * As with any of these patients VAD coordinators are available 24/7 at the pager number:

- * **813-844-VADS(8237)**

* **Heartmate III**