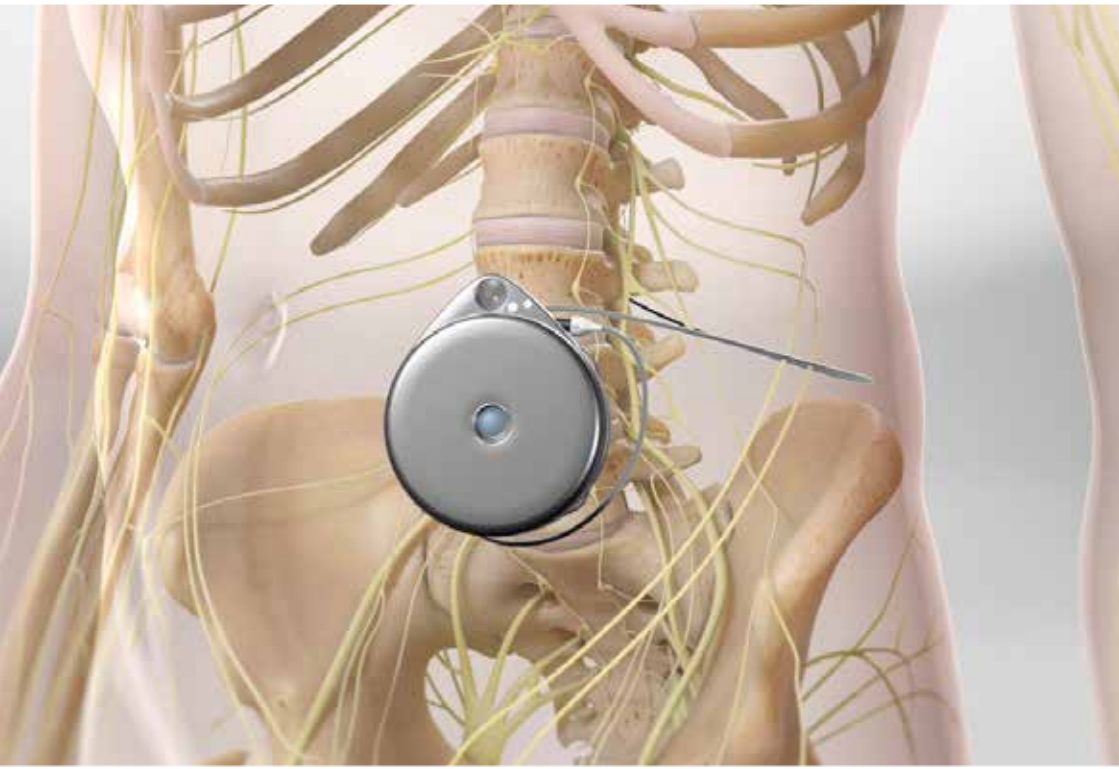
Intrathecal Baclofen Pump Therapy



مؤسسة حمد الطبية
Hamad Medical Corporation
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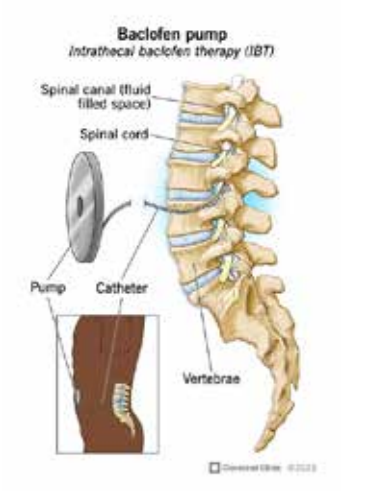
Intrathecal Baclofen Pump Therapy



What is an Intrathecal Baclofen Pump?

- It's a small device that delivers medicine (baclofen) directly to your spinal cord to help with muscle tightness or pain.
- The pump uses smaller doses than pills, so there are fewer side effects.

How Does It Work?

- The pump sends the medicine through a tiny tube (catheter) to your spinal cord.
- It can be adjusted to give the right amount of medicine each day.

Benefits of the Pump

- The pump helps control your symptoms better than pills.

Risks of Surgery

- Like any surgery, there are risks like bleeding, infection, or reaction to anesthesia.

Getting Ready for Surgery

- Before getting the pump, you'll have a test to see if it works for you.

Test Phase (Trial)

- A temporary tube will deliver the medicine to your spinal cord for a few days.
- This is to check if the medicine helps with your pain or muscle tightness.

The Pump Surgery

- If the test works, you will have surgery to place the pump under your skin in your belly.

After Surgery (Recovery)

- You might feel some soreness or swelling where the pump was placed, but this should go away in a few days.

For 4 to 6 Weeks After Surgery

- Don't lift heavy things or do hard activities.
- Don't twist or bend at the waist.

Refilling the Pump

- You'll need to refill the pump every 1 to 3 months.
- Your doctor will do this during a short visit, adding more medicine through a small opening in the pump.

Common Questions

Can I get an MRI with the pump?

- Yes, but your pump might need to be checked after the MRI.

How long does the pump last?

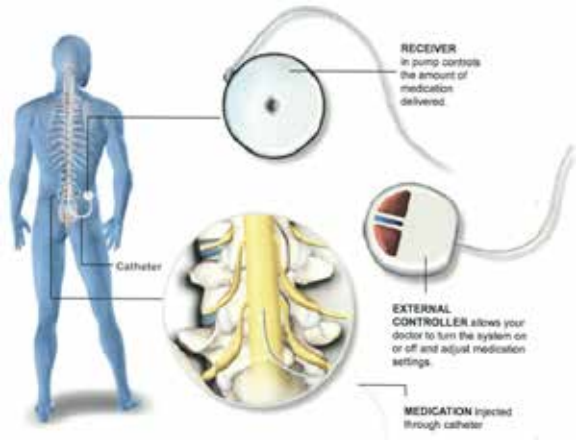
- The pump battery lasts 5 to 7 years. Your doctor will replace it before the battery runs out.

Will I feel the pump under my skin?

- You might feel a small bump, but most people don't notice it much after they heal.

Contact Information

- For more information, please contact the Neuromodulation Clinic at Qatar Rehabilitation Institute on Wednesdays from 7 am to 3 pm at (40260171).


RECEIVER
In pump controls the amount of medication delivered.
Catheter
EXTERNAL CONTROLLER allows your doctor to turn the system on or off and adjust medication settings.
MEDICATION injected through catheter

Patient and Family Education

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