

IMPLEMENTING A PATIENT MONITORING PROTOCOL AFTER SPINAL CORD STIMULATION (SCS) SYSTEM IMPLANTATION TO REDUCE COMPLICATIONS

Brain & Spine Surgeons of New York provides brain and spine surgical care to patients from across the country. The practice has 26 providers whom perform more than 3,000 procedures each year.

At BSSNY, Dr. de Lotbinière successfully treats chronic spinal cord pain patients using SCS systems. The SCS systems provide great pain relief however, there is a rare chance of severe complications such as weakness or paralysis. If adverse effects are caught early, it is possible to prevent these severe complications.

BSSNY implemented DTX to monitor patients following implantation of an SCS device. Patients received a survey asking about potential symptoms of complications 24 hours after surgery and then every 6 hours, for 48 hours. Dr. de Lotbinière received alerts if any patients had any symptoms indicative of possible complications, and was able to treat them immediately.

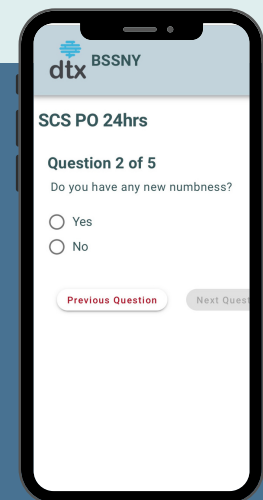
Prior to using DTX, patients would present in the ER with symptoms after the SCS implant. The ER providers, not being familiar with the procedure, often did not provide the proper treatment for the patient. Using DTX enabled direct access to patients, resulting in them getting the proper treatment right away, avoiding severe complications.

Scan QR Code to Register and Try the Survey!



EXPECTED RESULTS

- ↓ Reduction in severe complications
- ↓ Reduction in hospital readmissions
- ↑ Increased patient and provider satisfaction



- Nothing to download or install for patients
- Takes seconds to respond
- Ease of use increases response rates