



INTEGRATED NEUROLOGY

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Safety Considerations in patients with a Medtronic Deep Brain Stimulation (DBS) device requiring Medical and Dental imaging.

This information is designed for DBS patients to share with their treating doctor/ dentist team as part of the preparation for any future dental or surgical treatment.

The information is directed to the treating dental/medical team

Key Contacts:

- Hayley Need: 0484 126 870
- Leandro Street: 0436 957 151
- Medtronic Helpline: 1800 652 972

X-rays and CT Scans:

- No specific precautions are required in patients with DBS systems.
- System components may result in imaging artefact

Ultrasound:

- Special safety precautions are required
- Please contact Medtronic for further information

MRI Scans:

- MRI scans can be performed in some, but not all patients with Medtronic DBS systems.
- Special MRI precautions are required, and specific stimulation configurations (programmed by the treating neurologist) are required in instances where MRI can proceed.
- Generally, this needs to be arranged in advance and a Medtronic representative must be present at the time of the MRI.
- Due to the specific protocols required for MRI scans in DBS patients, MRIs are only available at certain radiology practices in Sydney/ NSW. Medtronic representatives can provide information about these centres and scanning protocols.
- For any questions about MRI safety precautions, please contact Medtronic (contacts above).

Yours sincerely,

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