


Demo  
15 min**OBJECTIVE:** Training on the available features and impedance measurement modes on the advanced Impedance Setting screen.


**1)** Access the STIMULATOR IMPEDANCE SETTING SCREEN by tapping on  from the Stimulator specific settings access menu bar .

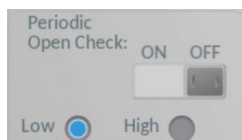


**2)** There are three different available impedance measurement control panels:



**The impedance test control panel provides:**

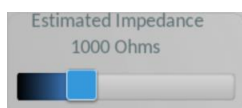
-  Three “On-Demand” impedance measurement modes (refer to §3 for functional description).
- LOW / HIGH selection sets the “On-Demand” impedance measurement pulse amplitudes to 0.1 mA / 0.2 mA (default: LOW)



**The «periodic open check» control panel provides:**

- ON / OFF control switch (default: OFF).
- LOW / HIGH selection control sets the periodic open impedance measurement pulse amplitude to 0.1 mA or 0.2 mA (default: LOW)

**Note:** When «periodic open check» is turned ON the stimulator performs impedance measurements on the stimulating electrodes each time the stimulation is started or stopped, and periodically (24hr) while the patient stimulation is ON.



**The «Estimated Impedance» control panel provides:**

- The estimated impedance is by default set at 1000 Ohms, refer to technical support before changing this parameter.

**Note:** Increasing the value will cause faster battery discharge.

**3)** Three different “on-demand” impedance measurements can be performed by tapping the following icons:



Impedance measurement between all 2x12 electrodes and the stimulator casing.



Impedance measurement between any selected electrode and all other electrodes.



Impedance measurement between “active” electrodes and the stimulator casing (electrodes that were configured for stimulation in the current selected program).



Current  
selected  
Program

(Reference: PR-12200 directSTIM DBS System Clinician Programming Manual)

END