

What you can do when the "Running in" of the electrode does not pass due to an excess of varnish between the anode and the cathode of the electrode

Symptoms: It does not pass the "Running in" of the electrode. Message: Pressure is too low. During the "Running in" the sparks / lights are too bright compare to what we usually have during this process. You might end up with the error 2,6,1608.

Possible solution:

Install the electrode which did not pass the "Running in" in the ellipsoïd. Fill the generator with water.

→ Go in maintenance tab. So possibly, you give the password to the operator over the phone.

→ Place the generator in the treatment position.

→ Select the tab "Generator".

→ Select: **Power in kV** (See n°1 in the screen copy hereunder).

→ Select: **20** instead of 12 (See n°2 in the screen copy hereunder).

→ Select: **Update** (See n°3 in the screen copy hereunder).

→ Select: **Start Firing** (See n°4 in the screen copy hereunder) and press the firing button you are using during the treatment to deliver shocks. Keep "firing" till the sound is correct and the spark / light is not too bright / important. Maybe only 3-4 shocks might be enough to remove the varnish. If it is not sufficient, select 22 kV and retry following the steps which have just been described.

→ Finally, place the generator in parking position and go through the "Running in" of the electrode: You need to empty the ellipsoïd to do it and refill it through the process of installing a new electrode prior to go through the "Running in".

The screenshot shows the MAINTENANCE software interface with the Generator tab selected. The interface includes a diagram of the generator with 'Gen -' and 'Gen +' labels and a temperature reading of -17.47° T. Below the diagram are several control panels: 'Firing definition' with radio buttons for 'Power in %' (selected) and 'Power in kV', a text input for 'Firing number' (500), and an 'Update' button; 'Synchronisation' with radio buttons for '2Hz' (selected), '1Hz', and 'EKG'; 'Endurance' with checkboxes for 'Disable kV limits', 'Disable 1000 energy', and 'Record results into file'; 'New Patient' and 'End of Treatment' dropdowns; 'Start Firing' and 'Stop Firing' buttons; 'Compute Pressure Gain' button; 'WithoutRunningIn' checkbox; 'Results' section with fields for 'VHV setpoint (kV)', 'Pressure result in kV', 'Remaining firing nb', 'Electrode firing number', 'Power result', 'Energy', and 'Stone mean power in %'; 'Unknown firing status' and 'Unknown alarm status' fields; 'Get Firing Status' button; 'Electrode installed' and 'Electrode running in OK' checkboxes; 'LoopPressureDisabled' checkbox; 'Check Loop Pressure' button; and a 'Quit' button at the bottom.