

NCS Electrode

NM-310Y/NM-314YL/NM-314YS

General

The NM-310Y, NM-314YL and NM-314YS NCS electrodes are disposable electrodes for EMG recording. Paste is not necessary for attaching the electrodes. NM-314YL and NM-314YS can be used for electric stimulation.

Safety Information

WARNING A warning alerts the user to possible injury or death associated with the use or misuse of the instrument.

CAUTION A caution alerts the user to possible injury or problems with the instrument associated with its use or misuse such as instrument malfunction, instrument failure, damage to the instrument, or damage to other property.

Pay attention to all safety information in the Operator's Manual or Installation Guide.

WARNING

Never use the electrode in the presence of any flammable anesthetic gas or high concentration oxygen atmosphere. Failure to follow this warning may cause explosion or fire.

WARNING

When performing MRI test, remove all electrodes from the patient. Failure to follow this warning may cause skin burn on the patient. For details, refer to the MRI manual.

WARNING

Before defibrillation, remove everything including electrodes and patches from the patient's chest. If the defibrillator paddle contacts an object on the patient's chest, the discharged energy may be insufficient and cause skin burn.

WARNING

When the electrode is used with an electrosurgical unit (ESU), refer to the ESU manual.

WARNING

The NCS electrode is single use only. Do not reuse it.

WARNING

Connect the DIN connector only to the specified instrument or electrode junction box. Failure to follow this warning may result in electrical shock to the patient.

CAUTION

For the following patients and skin sites, redness and skin erosion may occur and occasionally result in scar.

- Patients with weak skin (patient with allergy, neonate or low birth weight infant)
- Delicate or weak skin

CAUTION

Do not use this electrode for a neonate or low birth weight infant.

CAUTION

If a noise appears, refer to the EMG/EP measuring systems operator's manual.

CAUTION

When using the electrode for stimulation, refer to EMG/EP measuring systems operator's manual.

CAUTION

When using the NM-314YL or NM-314YS electrode for stimulation, redness may appear.

CAUTION

Do not attach the electrode on a wound or inflamed skin.

CAUTION

The NCS electrode should not be used in conjunction with other types of electrodes because offset voltage becomes high and it may affect EMG recording.

CAUTION

The NM-310Y is ground electrode and cannot be used for stimulation.

CAUTION

Do not alter the shape of electrodes. EMG may not be recorded.

CAUTION

Take extreme care to prevent the patient from swallowing the electrode. The electrode is chemically harmless to people but the adhesive gel on this electrode is highly expansive. If the electrode is swallowed, the adhesive gel absorbs gastric juice and swells several to several dozen times in size and stays in the stomach. Swelling adhesive gel in stomach will cause the patient to vomit and be unable to eat and drink. After removing the electrode, check there is no adhesive gel left on the patient.

CAUTION

If the gel is swallowed, immediately see a physician.

CAUTION

Use the electrodes as soon as possible after opening the package. Store the rest of the electrodes by folding the top of the package twice and sealing it with tape to prevent the electrodes from drying.

CAUTION

Do not use electrodes which are past the expiration date.

CAUTION

Do not use this electrode for ECG monitoring.

CAUTION

The electrode cannot be sterilized.

CAUTION

Connect the DIN connector to the correct socket on the instrument, electrode junction box or extension cord. Otherwise, correct measurement cannot be performed.

CAUTION

Do not get liquid on the electrode. If the electrode is wet, it may cause incorrect measurement.

CAUTION

Black spots may appear on the silver surface of the electrode. These are caused by variation in the Ag and AgCl coating thickness and have no effect on the quality or performance of the electrode.

CAUTION

When removing the electrode from the patient, remove it carefully and slowly from the edge.

CAUTION

When using remover for removing adhesive gel from the patient's skin, refer to the remover operator's manual.

CAUTION

Dispose of Nihon Kohden products according to your local laws and your facility's guidelines for waste disposal. Otherwise, it may affect the environment. If there is a possibility that the product may have been contaminated with infection, dispose of it as medical waste according to your local laws and your facility's guidelines for medical waste. Otherwise, it may cause infection.

This Safety and Performance Information is an extract from the general and safety information sections of the most recent edition of Operator's Manual or Installation Guide. Therefore, the contents of your Operator's Manual or Installation Guide may differ from those of this Safety and Performance Information. For detailed operating procedures, follow the instructions of your Operator's Manual or Installation Guide.



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