

**REF** 10-20-4, 10-20-8, 10-20-4T, 10-20-4TK, 10-20-2S**Ten20 Conductive formulation contains:** Polyoxyethylene 20 Cetyl Ether, Water, Glycerin, Calcium Carbonate, 1,2 Propanediol, Potassium Chloride, Gelwhite, Sodium Chloride, Polyoxyethylene 20 Sorbitol, Methylparaben, Propylparaben.**— USAGE —**

For use in neuromonitoring procedures in conjunction with non-gelled neurodiagnostic electrodes, e.g.: EEG exams, evoked potential procedures, PSG, and MSLT procedures.

**— APPLICATION —**

Do not dispense paste directly onto the electrode or on the head. Place the amount of paste needed on a surface such as a strip of surgical tape.

Do not use too much paste. The size of the area of the paste becomes the effective size of the electrode. This can reduce inter-electrode distances, potential differences measured and compromise the exam.

**Ten20 Conductive Tube:** Press the tube from below to push paste to the top of the tube. Press with the thumb at the top of the tube to dispense the paste.**Ten20 Conductive Jar:** Use a tongue blade to remove the paste.**— PASTE WITH GAUZE OR TAPE —**The adhesive quality of **Ten20 Conductive** is usually sufficient to adhere the electrodes to the skin and provide conductivity for the neurodiagnostic exam.First, gently abrade the skin with an abrasive product such as **Nuprep**. Use a bell shaped cup electrode with the hole in the center. Apply just enough paste inside of the EEG electrode to very slightly overfill the cup.

Place the electrode onto the electrode site and press with medium pressure. A small amount of paste may come out of the hole. Pressing too hard will cause all of the paste to come out and the electrode will not adhere well. Use either tape or a postage stamp size piece of gauze to fix the electrode in place.

**If the electrode site has hair around it,** use a cut up piece of gauze the size of a postage stamp and press onto the electrode. The paste that came out of the hole when it was pressed into place will hold the gauze square. If no paste comes out of the hole, place a small amount of Ten20 Conductive on the gauze and press the gauze onto the electrode using the paste to make it stick.**If the electrode site does not have hair around it,** use surgical tape such as 1" Micropore tape to secure the electrodes. Use the same technique as above pressing the electrode into place. Use 3 or 4 cm of tape (1 1/4") to cover the electrode and the lead hub.

This is effective at Fp1, Fp2 and the ground electrode. Do this on any other sites not surrounded by hair if the patient is balding.

**— A<sub>1</sub> and A<sub>2</sub> —**Attach A<sub>1</sub> and A<sub>2</sub> on the earlobe using the amount of paste as described above. Point the hub of the electrode up and slightly forward. Allow the lead to come over the top of the ear and then direct it to the back of the head. Use a longer piece of tape than normal so that you cover the hub of the lead, the electrode, then loop the tape to the back of the earlobe.**— CAUTIONS —****Avoid eye contact. If product is introduced in the eye, rinse with warm water for 10 to 15 minutes. Avoid rubbing the eyes.**

Use topically on intact skin only. Do not use on or near open wounds, bruised or weakened skin due to injury or the medical condition of the patient.

Do not use on patients with a history of skin allergies or sensitivity to cosmetics and lotions. If rash, redness, itch, swelling, or abnormality appears on skin, wash off immediately.

Instruct patients to communicate any persistent redness, soreness or swelling at the electrode site. Topical infections can leave permanent scars if left untreated.

Patients' tolerance for topical applications to the skin varies widely. Some patients poorly tolerate adhesives, abrasives, conductive media, and salts. Respond to any complaint that may signal product intolerance.

**Long term electrode sites must be checked for irritation and redness at least daily by removing the electrode and evaluating the skin condition under the electrode.**

Do not use with current-inducing electrodes.

**— SAFETY AND HANDLING —**

• Collodion Remover, a Mavidon product, can be used to remove product from hair, if necessary.

• Excessive exposure may cause fingers to become dry and chapped. Wash from hands after applying to the patient. If dry hands persist, use gloves when applying the product.

• Ten20 is non-toxic if accidentally ingested.

• Ten20 may be disposed of without special handling. Keep containers tightly closed and store at room temperature. Avoid prolonged cold temperature or freezing.

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