



Electrosurgical Cables

Care and Maintenance Instructions

Handling

The life span of your Quantum high-frequency cables may be greatly extended by following the handling procedures listed below.

1. Inspect Quantum cables prior to each use for any sign of damage.
2. Immediately replace any cable which shows signs of damage. Replace with new Quantum cables.
3. Use the strain relief handle to insert and remove cables.
4. Insert the cable and twist clockwise for maximum performance.
5. Avoid kinking or sharply bending the cables, or damaging the insulation. Failure to do so may result in broken wires causing cable failure.
6. Use a different cable for each procedure during the day. Keeping a supply of individually wrapped, sterile cables will decrease cable problems, prolong cable life, and lower your cable costs.

Storage

1. Store loosely coiled (4-5" diameter).
2. Do not kink the cable or set heavy objects on it.

Sterilization

The life span of your Quantum cables may be greatly extended by following the sterilization procedures listed below.

Gas Sterilization

Routine gas sterilization of Quantum cables is recommended to prolong the life of the cable and to greatly reduce the possibility of electrosurgical problems. Cables may be sterilized by Ethylene Oxide (ETO) in any standard cycle at temperatures up to 155° F (68.3° C) and a pressure up to 12 psi. Follow the ETO manufacturer's instructions regarding temperature, cycle time, humidification requirements, vacuum, and gas concentration.

Aeration

Quantum cables should be aerated in an aeration chamber for 8-12 hours at 120° F (48.9° C). Quantum cables may be aerated without damage for longer periods at temperatures up to 155° F (68.3° C). Follow the aerator manufacturer's instructions regarding exact temperatures for your aerator.

Steam Sterilization

The maximum sterilization cycle should not exceed ten (10) minutes at 272° F (134° C) at 32 psi. Standard "Flash" sterilization between cases may be used.

Surface Cleaning

Clean cables using a soft cloth moistened with a standard cleaning solution. The solution manufacturer's instructions should be followed. Soaking of electrosurgical cables is not recommended. Soaking will reduce the life of reusable cables.

Caution:

High-frequency cables connect electrosurgical generators to endoscopic instruments. Damaged cables, or cables whose connectors have not been thoroughly rinsed and dried, may cause electrical burns to the patient or doctor. Soaking of electrosurgical cables is not recommended. Soaking will reduce the life of reusable cables.

Federal (U.S.A.) law restricts this device to sale, distribution and use by, or on the order of a physician.