



BIPOLAR SURGICAL CUT-COAG SCISSORS

RECOMMENDATIONS FOR MAINTAINING, CLEANING &
STERILIZATION



INTENDED USE

ELMED BIPOLAR SCISSORS ARE DESIGNED FOR DISSECTING, CUTTING AND BIPOLAR COAGULATION OF TISSUE. THEY HAVE TO BE CONNECTED BY A SUITABLE BIPOLAR CABLE TO THE APPROPRIATE OUTPUT OF A HIGH FREQUENCY ELECTROSURGICAL GENERATOR. THE COAGULATION CURRENT IS ACTIVATED BY MEANS OF A FOOTSWITCH. THE MAXIMUM OUTPUT VOLTAGE OF THE GENERATOR MAY NOT EXCEED 250 VPP. THE OUTPUT ELECTRICAL CAPACITY SHOULD BE BETWEEN 40 AND 70 WATTS (COAGULATION MODE).

BIPOLAR CABLES

5950-13	BIPOLAR RF CABLE FOR ELMED BIPOLAR SCISSORS & ELMED/WOLF GENERATORS
5950-14	BIPOLAR RF CABLE FOR ELMED BIPOLAR SCISSORS & UNITS WITH DUAL BANANA PLUGS (VALLEYLAB, ETC.)

NOTE: INSTRUMENTS FOR ELECTROSURGERY SHOULD BE ONLY USED BY INDIVIDUALS WHO HAVE BEEN SPECIALLY TRAINED IN THEIR USE.

SAFETY INSTRUCTIONS

EXAMINE THE INSTRUMENT FOR DAMAGE BEFORE EACH USE. ***BIPOLAR SCISSORS HAVE HIGH-QUALITY CERAMIC PARTS WHICH HAVE TO BE TREATED WITH PARTICULAR CARE AND PROTECTED AGAINST BREAKAGE.

- DO NOT USE IN THE PROXIMITY OF FLAMMABLE OR EXPLOSIVE MATERIALS.
- DO NOT USE ON PATIENTS WITH PACEMAKERS.
- ONLY ACTIVATE POWER WHEN THE CONTACT AREA IS IN FULL VIEW.
- DO NOT COME INTO CONTACT WITH OTHER METAL INSTRUMENTS.
- NEVER ATTEMPT TO MAKE REPAIRS YOURSELF.

INITIAL USE

ALL NEW INSTRUMENTS MUST BE CLEANED AND STERILIZED BEFORE INITIAL USE. CARRY OUT A VISUAL INSPECTION AND TEST FUNCTIONS BEFORE EACH USE. CLEAN AND STERILIZE BEFORE EACH USE.

STORAGE AND TRANSPORTATION

INSTRUMENTS MUST BE STORED IN A CLEAN, COOL AND DRY AREA. PROTECT FROM MECHANICAL DAMAGE. HANDLE WITH EXTREME CARE, NO NOT THROW OR DROP!

CLEANING AND DISINFECTION

INSTRUMENTS SHOULD BE THOROUGHLY CLEANED IMMEDIATELY AFTER EACH USE TO PREVENT THE ADHESION OF PARTICLES AND DRIED SECRETIONS.

USE COMMERCIALLY AVAILABLE INSTRUMENT CLEANING AND DISINFECTION AGENTS. AGENTS WITH NEUTRAL PH (7.0) ARE BEST. IT IS ESSENTIAL TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS. INSTRUMENTS CAN BE CLEANED AND DISINFECTED IN THE INSTRUMENT WASHING MACHINE UP TO +95°C (203°F). IN ORDER TO AVOID SCRATCHING POLISHED SURFACES AND INSULATION, DO NOT USE ABRASIVE CLEANERS.

DRY INSTRUMENT THOROUGHLY!

ETO STERILIZATION: WITH A PRESSURE READING NOT TO EXCEED 12 PSI, AND A TEMPERATURE NOT TO EXCEED 68.3°C (155°F), THE ELECTROSURGICAL ACCESSORIES CAN BE STERILIZED BY ETHYLENE OXIDE IN ANY STANDARD CYCLE. CONCERNING HUMIDIFICATION, VACUUM, CYCLE TIME, GAS CONCENTRATION AND TEMPERATURE, WE RECOMMEND FOLLOWING THE MANUFACTURER'S INSTRUCTIONS FOR THE ETO STERILIZATION UNIT.

STEAM AUTOCLAVING WITH PRE VACUUM AND GRAVITY STERILIZERS: IF A WRAPPING METHOD IS USED, MAKE CERTAIN THAT THE INSTRUMENTS ARE INDIVIDUALLY WRAPPED OR SEALED IN A STERILE PACK. OTHER METAL OBJECTS SHOULD NEVER COME IN CONTACT WITH THE INSULATING MATERIAL OF FORCEPS AND HANDLES, OR WITH RF-CONNECTION CABLES. SUCH POINTS OF CONTACT MAY CAUSE MELTING OF THE INSULATION.

WE RECOMMEND THE FOLLOWING VALUES/PARAMETERS, BUT WE ALSO SUGGEST FOLLOWING THE MANUFACTURER'S INSTRUCTIONS FOR STEAM STERILIZATION:

CYCLE	STERILIZING TEMP.	STERILIZING TIME	DRYING TIME*3
PRE VACUUM/WRAPPED	270° F (132° C)	4 MINUTES	30 MINUTES
GRAVITY/WRAPPED	250° F (121° C)	30 MINUTES	45 MINUTES
GRAVITY/WRAPPED	270° F (132° C)	30 MINUTES	45 MINUTES

***IT IS IMPORTANT THAT THE LONGEST DRYING CYCLE POSSIBLE IS EMPLOYED, TO PREVENT BUILD UP OF MOISTURE INSIDE THE INSTRUMENT AND RF-CABLES. IF THE CYCLE OF YOUR AUTOCLAVE ALLOWS A 45 MIN DRY TIME, WE RECOMMEND USING IT. CORROSION, PITTING OR INTERMITTENT OPERATION ARE USUAL SIGNS OF A MOISTURE INDUCED CORROSION PROBLEM.

COLD SOAKING

THERE IS NOTHING DETRIMENTAL ABOUT THE USE OF GLUTARALDEHYDE OR OTHER COLD SOAKING SOLUTIONS, AS LONG AS THE ACCESSORIES ARE DRIED COMPLETELY PRIOR TO USE.

- DO NOT STERILIZE WITH HOT AIR.
- DO NOT USE "FLASH" AUTOCLAVE PROCEDURES.
- DO NOT CHEMICLAVE – MOST DESTRUCTIVE TO INSULATION AND SILICONE MATERIAL.

STERRAD STERILIZATION PROCESS INCLUDING STERRAD NX

THE STERILIZATION PROCESS IS A MULTIPLE STERILIZATION PROCESS THAT UTILIZES A COMBINATION OF EXPOSURE TO HYDROGEN PEROXIDE VAPOR AND PLASMA TO AFFECT STERILIZATION. THE STERRAD NX STERILIZER CAN STERILIZE INSTRUMENTS WHICH HAVE DIFFUSION RESTRICTED SPACES, SUCH AS HINGED PORTIONS OF FORCEPS AND SCISSORS. ADHERE TO THE STERILIZATION INSTRUCTIONS PROVIDED BY THE MANUFACTURER. (ADVANCED STERILIZATION PRODUCTS A JOHNSON & JOHNSON COMPANY).

THE USE OF THE DEVICE WITH SAFELY FUNCTIONING AND COMPATIBLE HANDLES, CORDS, ELECTROSURGICAL GENERATORS AND ACCESSORIES IS THE USER'S RESPONSIBILITY. READ AND UNDERSTAND ALL PRECAUTIONS AND INSTRUCTIONS BEFORE ATTEMPTING TO USE ANY ELECTROSURGICAL DEVICE.

ELMED HAS BEEN AT THE FOREFRONT OF SURGICAL INSTRUMENTATION FOR OVER SIXTY YEARS AND HAS INNOVATED MANY OF TODAY'S CONVENTIONAL INSTRUMENTS, SUCH AS HAND-SWITCHING FORCEPS, BIPOLAR INSTRUMENTS, AUTOMATIC OUTPUT COMPENSATION, JUST TO MENTION A FEW. FOR COMPREHENSIVE INFORMATION, REQUEST OUR BOOKLET "INTRODUCTION TO ELECTROSURGERY."

WE DESIGN, MANUFACTURE, & SELL THE TOOLS THE SURGEONS USE

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WE SUBSCRIBE TO COST
CONTAINMENT AND
PROTECTION OF THE
ENVIRONMENT



MADE IN THE USA

THEREFORE, WE
MANUFACTURE
REUSABLE PRODUCTS
FOR A CLEANER
WORLD

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