

# Care, Handling and Reprocessing of Woodcast scissors.

The proper cleaning, handling and sterilization procedures will ensure that your Woodcast scissors will perform as intended and extend its useful life.

## Inspection & Function Testing

Visually inspect and check scissors for damage and wear. Ensure cutting edges are free from nicks and present a continuous edge; jaws and teeth align correctly; close easily; and are not distorted. Remove for repair or replacement any blunt, worn out, flaking, fractured or damaged instrument.

**If the instrument is to be returned to the manufacturer it must be decontaminated and sterilized and accompanied with documentary evidence.**

## Precautions

Use caution during cleaning and sterilization. Instruments manufactured from different metals (ie. Stainless and nickel) should be processed separately to avoid electrolytic action between the different metals. Keep blackened instruments and instruments made from different steels separate to avoid scratches and removal of the black coating.

## Care & Handling

The procedures outlined below are recommended to ensure safe handling of biologically contaminated instruments. NOTE: When reprocessing medical devices always follow local Health & Safety procedures.

## Warnings

Follow instructions and warnings as issued by manufacturers of any decontaminants, disinfectants and cleaning agents used. Wherever possible, avoid use of mineral acids and harsh, abrasive agents. No part of the process shall exceed 140 degrees C. Some sensitive materials can be damaged by higher alkaline solutions, (pH >10). Note: Single use devices must not be reprocessed and reused.

## Limitations on Reprocessing

Repeated processing has minimal effect on the surgical instruments, the end of life is normally determined by wear and damage in use.

### 1. Pre - Cleaning

Wherever possible, do not allow blood, debris or bodily fluids to dry on surgical instruments. For best results and to prolong the life of the medical device reprocess as soon as it is reasonably practical following use. If they cannot be reprocessed immediately, use an enzymatic cleaner to help prevent soil from drying, giving special attention to joints

### 2. Cleaning (Cleaning Precautions)

Use an appropriate brush ensuring that it reaches the depth of jaws and joints. Do not use abrasive detergents or cleaning materials. After manually cleaning, pass all devices through an automatic cleaning cycle to achieve disinfection.

## **a. Automated Cleaning**

Use only either CE marked or validated washer- disinfectant machines and low-foaming, non-ionizing cleaning agents and detergents following the manufacturer's instructions for use, warnings, concentrations and recommended cycles. Load instruments carefully so that slots, holes and grooves can drain. Take care not to overload wash baskets. Ensure that soft, high purity water which is controlled for bacterial endotoxins is used in the final rinse stage.

Note: These instructions have been validated using a washer-disinfectant cycle validated to include:

- one pre-wash stage at a minimum of 32 °C
- one wash stage at > 60 °C
- two rinse stages at > 60 °C

and a final disinfectant rinse stage at >90 °C for a minimum holding time of one minute and a minimum drying stage of thirty minutes.

The detergent used was an aqueous alkaline wash detergent cleaner with a maximum of pH12 and reverse osmosis water was used for the rinse.

## **b. Manual Cleaning**

Manual cleaning is not advised if an automatic washer-disinfectant is available. If this equipment is not available use the following process:

- i. Use a double sink system (wash / rinse) dedicated for instrument cleaning, (not used for hand washing). Ensure that the water temperature does not exceed 35 degrees C.
- ii. In the first sink, keeping the instrument submerged, with an autoclavable brush, apply CE marked cleaning solution to all surfaces until all soil has been removed. Pay particular attention to slots, holes and grooves, always brushing away from the body and avoiding splashing.
- iii. In the second sink rinse, instruments thoroughly with soft, high purity water, which is controlled for bacterial endotoxins so that the water reaches all parts of the instrument, then carefully hand dry or use a drying cabinet.
- iv. After cleaning, visually inspect all slots and grooves for complete removal of soil and fluids. If ANY soil or fluid is still visible, return the instrument for repeat decontamination.

Note: Manual cleaning is NOT a disinfection process: when manual cleaning is used it may not be possible to disinfect the device prior to further handling.

## **3. Inspection**

Visually inspect and check: All instruments that have been cleaned should be thoroughly inspected for any damage or wear. Remove for replacement any worn out or damaged instruments.