



Instructions for Use

According to EU Medical Device Regulation 2017/745

Doc# KNSIFU-423-05

KN Surgicals

REFLEX HAMMERS
REUSABLE INSTRUMENTS
IFU#IFU-RH-001



KN SURGICALS

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Category	Instructions
Intended Use	Diagnostic tool for percussion (medical tapping)
Intended User	The device is intended for use by trained healthcare professionals, including: • Physicians • Neurologists • General practitioners • Nurses • Other qualified healthcare personnel
Return/Warranty	In case of damage or faulty, please return to supplier with same packaging and event description.
Shelf Life	The shelf life of reflex hammer is typically 5 years if stored and maintained properly.
Limitations on Reprocessing	Repeated processing has a minimal impact on these instruments. There are no specific guidelines on the maximum number of sterilization cycles, as this largely depends on the condition of the instrument. Any instruments showing signs of corrosion should be discarded immediately.
Expected Patient Age Group	Suitable for patients of all age groups, depending on the specific procedure and healthcare provider's discretion.
Cleaning	Wipe the tendon hammer with a damp cloth or a surface cleaner. Observe the concentrations specified by the manufacturer.
Disinfection	Disinfecting and cleaning solutions should be used in the correct dosage, according to the manufacturer. If the dosage is not enough, the solution is ineffective; too strong dosage causes damage to the tool. Observe the exposure time. Make fresh disinfecting and cleaning solutions regularly, as they lose their effectiveness. Disinfection is the first processing procedure for contaminated items and materials in order to reduce the number of microorganisms and facilitate further cleaning. Avoid



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drying of dirt on the material. In addition, disinfection is aimed to protect personnel and the environment during the procedure. If possible, disinfect the tool at the place of its use as quickly as possible in one action.

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Sterilization (Moist Heat) Not applied for hammers! Only needles can be sterilized. The needles can be successfully sterilized with the following parameters: Fractional pre-vacuum (three times), sterilization temperature: min. 132 °C, max. 137 °C, exposure time: at least 3 min. (full cycle), drying time: 10 min.

Storage Condition Store in a clean, dry, and controlled environment.

Storage Humidity The humidity limits for storing reusable surgical instruments should ideally be kept between 10% and 75%. This range helps prevent corrosion and other damage to the instruments, ensuring they remain in optimal condition for use. It is also important to store the instruments in a dry and controlled environment to maintain their sterility and functionality.



- Never handle instruments by their tips. These should be cleaned by trained personnel only who will ensure the delicate working ends are adequately protected during storage or sterilization
- Pack instruments with other heavier instruments with care. Remember always - heavy instruments on the bottom and light instruments on the top.



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Routine Maintenance	Inspect for damage, wear, or corrosion before each use.
Handling	1. Handle with clean, dry hands or sterile gloves. 2. Avoid dropping or applying excessive force.
Warnings	1. Do not use if damaged, dull, or corroded. 2. Follow manufacturer's cleaning and sterilization instructions.
Calibration (if applicable)	Not applicable
Contraindications	No reported contraindications.
 Incident Reporting	All serious accidents concerning the medical device supplied by us must be reported to the manufacturer, our authorized representative and competent authority of the member state where your registered office is located.
Disposal:	No special decomposition or disposal required for Surgical Instruments as they don't



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contain any toxic or hazardous material; the material stainless steel is recyclable in ordinary steel manufacturing units.

Symbols	Symbol Meaning
	Manufacturer
	Product code
	Lot number
	Caution: read instructions (warnings) carefully
	Keep in a cool, dry place
	Medical Device complies with Regulation MDR 2017/745 as amended by 2020/561
	Keep away from sunlight
	Date of manufacture



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	Consult instructions for use
	Medical device
	Unique Device Identification
	Instrument are non-sterilized
	Instrument is sterilizable in steam sterilization (autoclave)
	Number of pieces contained
MADE IN PAKISTAN	



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