EN

1. Product Handling

Devices not returned to DJO should be treated as biohazardous material and disposed of in accordance with local laws and regulations.

Reprocessing for the Care and Handling for DJO Surgical® Instruments and Instrument Cases

| REUSABLE INSTRUMENT DESCRIPTION | DJO Surgical® instrumentation consists of devices and their accessories used in surgical procedures. Implantation of DJO Surgical® products should only be performed with DJO Surgical® instrumentation or instrumentation distributed by DJO Surgical®. DJO Surgical® instruments and instrument cases are generally composed of titanium, stainless steel, aluminum, and/or polymeric materials. The cases may be multi-layered with various inserts to hold surgical instrumentation in place during handling and storage. The inserts may consist of trays, holders, and silicone mats. The instrument cases will allow sterilization of the contents to occur in a steam autoclave utilizing the cleaning, sterilization, and drying cycle that has been validated and detailed below. Instrument cases do not provide a sterile barrier and must be used in conjunction with FDA cleared sterilization wrap to maintain sterility. Instruments are provided non-sterile and should be stored in their original packaging until cleaned and sterilized according to the recommended guidelines listed below. The maximum weight of a loaded tray does not exceed 25lbs per AAMI ST77. |
| WARNINGS | Automated cleaning may not be thorough enough. Carefully inspect each instrument to ensure that all visible blood residue and other contaminants have been removed. |
| CAUTION | Federal Law (USA) restricts this device to sale by or on the order of a physician. |
| REPROCESSING LIMITATIONS | DJO Surgical® instruments can be steam sterilized and repeat sterilization will not adversely affect them. If problems related to instrument sets are identified when using our instruments or instrument cases, please bring it to the attention of DJO Surgical® for investigation. The lifetime of an instrument is typically limited by normal wear and damage due to use. |
| DISCLAIMER | DJO Surgical® instrument cases are intended to protect instrumentation and facilitate the sterilization process by allowing steam penetration and drying. DJO Surgical® has verified through laboratory testing that our instrument cases are suitable for the sterilization cycles listed in the sterilization section of the IFU. It is the user's responsibility to verify that equipment is performing as intended, and conditions are achieved. |
INSTRUCTIONS FOR USE

POINT OF USE PREPARATION
Keep instruments moist and do not allow blood and/or bodily fluids to dry on the instruments. The decontamination process should begin immediately after the completion of the surgical procedure. If cleaning must be delayed, place instruments in a covered container with pH Neutral enzymatic detergent to delay drying. Instruments should be cleaned within 30 minutes of use to minimize the potential for drying prior to cleaning.
Wash all instruments whether or not they were used or were inadvertently contacted with blood. Disassemble instruments with removable parts; loosen instruments with moveable parts, as applicable.

DECONTAMINATION
Decontamination is for the purpose of microbial inactivation. Saturate the surface completely with full-strength intermediate disinfectant/cleaner (e.g., CaviCide) and allow to remain in contact with devices for 5 minutes.

A. MANUAL CLEANING: ALL INSTRUMENTS

1. Disassembly and reassembly: If instruments require disassembly for cleaning, instrument is marked or has disassembly/reassembly instructions provided on the website at http://digestal.com/pur-brand/steri-surgical or the surgical technique
2. Pre-Cleaning: Remove all visible soil by immersing the devices in room temperature neutral pH enzymatic cleaner (e.g., MetriZyme) mixed per manufacturer's recommendation and disassemble/loosen instruments, if suitable. The majority of the surgical instruments and trial devices are simply constructed and will not require disassembly. However, some of the more complex instruments are made of several components and these should be disassembled to their individual parts prior to decontamination. Scrub with the appropriate soft-bristle brush until visibly clean; actuate through the full range of motion.
3. Washing: Immerses devices in the ultrasonic washer/cleaner with room temperature neutral pH enzymatic cleaner (e.g., MetriZyme) mixed per manufacturer's recommendation and sonicate for 10 minutes. Ultrasonic cleaners can be used with hot water per the manufacturer's recommended temperature; however, room temperature was qualified. Be aware that loading patterns, water temperature, and other external factors may change the effectiveness of the equipment.
4. Rinsing: Thoroughly rinse the devices with deionized or distilled water. For example, a minimum of 2 minutes three (3) times.
   * Do not use high acidic (pH <4) or high alkaline (pH >10) products for disinfection or cleaning, since these can corrode metal, cause discolorization or stress fractures. Other cleaning/disinfection methods may also be suitable, however individuals or hospitals not using the recommended method are advised to validate any alternate method using appropriate laboratory techniques.

B. MANUAL CLEANING: INSTRUMENTS WITH CANNULAS, LUMENS, OR HOLES

1. Pre-Cleaning: Follow the Pre-Cleaning and "Washing" steps in Section A. Manual Cleaning – ALL INSTRUMENTS.
2. Washing: After ultrasonic cleaning, in a fresh enzymatic cleaning bath use a light-fitting, soft, non-metallic cleaning brush or pipe cleaner to scrub any cannula, lumen, or hole(s). Push in and out, using a twisting motion to remove debris. Use a syringe filled with enzymatic neutral pH cleaning solution to flush hard to reach internal areas.
3. Rinsing: Flush the instrument paying special attention to the cannulations, lumens, and/or holes with deionized or distilled water. For example, a minimum of 2 minutes three (3) times.

C. MANUAL CLEANING: ARTICULATING INSTRUMENTS

1. Pre-Cleaning: Follow the Pre-Cleaning and "Washing" steps in Section A. Manual Cleaning – ALL INSTRUMENTS.
2. Washing: After ultrasonic cleaning, immerse the instrument in fresh neutral pH enzymatic cleaning solution to avoid aerosol generation. Actuate moveable mechanisms through full range of motion, such as knobs, hinges, box locks, or spring-loaded/retractable features. For instruments with flexible shafts, bend or flex the instrument under the neutral pH cleaning solution while brushing the flexible areas. For instruments with internal cavities, after actuating components in the neutral pH cleaning solution, fully open components and use a light-fitting, soft, non-metallic cleaning brush or pipe cleaner to scrub the internal cavities. Use a syringe filled with enzymatic neutral pH cleaning solution to flush hard to reach internal areas.
3. Rinsing: Actuate and/or retract moveable parts with deionized or distilled water. For example, a minimum of 2 minutes three (3) times. For instruments with flexible shafts, flex the instrument while rinsing.

AUTOMATED CLEANING
Manual cleaning must be complete prior to automated cleaning. DJO Surgical instruments may be washed and/or disinfected by using an automated washer-disinfector unit utilizing thermal disinfection after completing the manual cleaning methods. Temperatures, cycles, and disinfectant type recommended and disassemble/loosen instruments, if suitable. The majority of the surgical instruments and trial devices appropriate for all surgical instruments and trial devices are not recommended as the sole cleaning method for surgical instruments.

Drying
Ensure device is dry prior to inspection and sterilization preparation. Instruments must be thoroughly dried to remove residual moisture before they are stored. Filtered compressed air may be used prior to air drying if available.

MAINTENANCE INSPECTION AND TESTING
After cleaning, the instruments (disassembled, if applicable) should be visually inspected. Check for misalignment, burrs, bent, or fractured tips. Mechanically test the working parts (e.g., hinges) to verify that each instrument functions throughout its intended range of motion. Place instrument into appropriate configuration within instrument case and wrap with protective FDA cleared sterilization wrap according to AAMI / AORN guidelines.

Surgical instruments and instrument cases are susceptible to damage from prolonged use, and through misuse or rough handling. Care must be taken to avoid compromising their performance. To minimize damage, conduct the following:
1. Inspect instrument cases and instruments for damage when received and after each use and cleaning. Incompletely cleaned instruments should be re-cleaned, and those that need repair returned for servicing.
2. Only use an instrument for its intended purpose.
3. When handling sharp instruments use extreme caution to avoid injury. Consult with an infection control practitioner to develop safety procedures appropriate for all levels of direct instrument contact.
4. If instruments appear to be damaged in such a way that may compromise the performance of the instrument, contact your DJO Surgical® representative for a replacement.
5. Visually inspect the instrument and check for damage and wear, moveable parts should have smooth movement, locking mechanisms should function securely. For unacceptable parts, contact DJO Surgical Customer Service.

TRANSPORT
Compliance with the general precautionary measures for handling contaminated/biological hazardous materials is required.

STERILIZATION
Instruments supplied by DJO Surgical have been thoroughly cleaned, inspected and tested for proper function prior to shipment. Unless otherwise indicated, these instruments are NOT STERILE and must be sterilized prior to use. Instruments provided outside of instrument sets should be fully loosened/disassembled and wrapped in FDA cleared sterilization wrap per AAMI ST.79/AORN Guidelines. Flash (immediate-use) steam sterilization by exposure at 132°C/270°F should only be used as an emergency procedure. Instruments must be cleaned and disassembled prior to processing.

The following are minimum cycles required for steam sterilization that has been validated by DJO Surgical under laboratory conditions to achieve a SAL of 10^-6 with components loosened or disassembled. DJO Surgical has data on file.

Sterilization with a Pre-Vacuum Sterilizer (HI-VAC):
270°F (132°C), 4-minute exposure time and a 30-minute dry time.
STORAGE/INSTRUMENT CARE

Instruments must be thoroughly dried to remove residual moisture before they are stored. Instruments or instrument cases that have been processed and wrapped to maintain sterility should be stored in a manner to avoid extremes in temperature and moisture. Care must be taken in handling wrapped instruments or instrument cases to prevent damage to the barrier. The user must be aware that maintenance of sterility is event-related and that the probability of occurrence of a contaminating event increases over time and with handling.

CONTACT INFORMATION

DJO Surgical®
ATTN: Customer Service
9800 Metric Boulevard
Austin TX, 78758 USA
+ 1-800-456-8696

2. Product Description and Implant Materials

This IFU is applicable to the following devices:
- FAK EMP PS FEM TRL CAP CORE (800-99-117)
- FAK EMP PS FEM TRL CORE (800-99-117)
- FAK EMP PS INS TRL CORE (800-99-118)
- FAK EMP PS TRL PREP OUT L CAP (800-99-108)
- FAK EMP PS TRL PREP OUT LG (800-99-108)
- FAK EMP PS TRL PREP OUT S CAP (800-99-107)
- FAK EMP PS TRL PREP OUT SML (800-99-107)
- FAS ALT ANATOMIC HUM HEAD (804-99-126)
- FAS ALT ANATOMIC GLENOID (804-99-127)
- FAS TURON KEELED GLENOID (804-99-128)
- FA-H EXPR REV HIP REAMERS (803-99-095)
- FA-H EXPR REV HIP GENERAL (803-99-096)
- FA-H FMP STR CUP INSERTER (803-99-101)
- DOUBLE OFFSET BROACH HANDLE, LEFT (803-03-084)
- DOUBLE OFFSET BROACH HANDLE, RIGHT (803-03-085)
- FA-H HXE NEU-10DH EXT (803-99-111)

3. Indications

Reference the applicable implant IFU for Indications.

4. Intended Use

Reference the applicable implant IFU for device Intended Use.

5. Contraindications

Reference the applicable implant IFU for Contraindications.

6. Precautions and Warnings

Reference the applicable implant IFU for Precautions and Warnings.

7. Preoperative Planning and Postoperative Care

Reference the applicable implant IFU for Preoperative Planning and Postoperative Care.

8. MRI Safety

N/A

9. Adverse Effects

Reference the applicable implant IFU for Adverse Effects.
Any serious incident that has occurred in relation to this device should be reported to the manufacturer and the relevant Competent Authority as defined in EU 2017/745.

10. Lifetime of Device

DJO Surgical does not define the maximum number of uses appropriate for re-usable instruments. While the expected lifetime of surgical instruments may be subject to a multitude of factors such as patient characteristics, surgeon experience, amount of use, and surgical technique, evaluating the time between the release of an instrument from production and the return of that instrument to the manufacturer from the user can give an indication of its expected lifetime. Based on this information, Powered Instruments have shown to last as short as 5 days in the field or as long as 9.5 years in the field; Non-Powered Impaction or Extraction Instruments have shown to last as short as 3.5 months in the field or as long as 18 years in the field; Non-Powered Guide Instruments have shown to last as short as 35 days in the field or as long as 9.1 years in the field; Non-Powered, Non-Impaction/Extraction, & Non-Guide Instruments have shown to last as short as 56 days in the field or as long as 9.3 years in the field, with an average lifetime of 3.5 years. As product data continues to be collected, these lifetime estimates may be re-evaluated and adjusted if required. Users should note that careful inspection of the instrument before use is the best method of determining the end of serviceable life.

11. Trademarks and Patents

Reference the applicable implant IFU for Trademarks and Patents.

Icon Key:

ISO 15223-1 5.4.2 Single use – do not reuse
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<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
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<td>ISO 15223-1 5.1.4 Expiration Date</td>
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<td>ISO 15223-1 5.1.5 Lot number/Batch Code</td>
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<td>ISO 15223-1 5.2.4 Sterility symbol: R: Sterile Using Irradiation</td>
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<td><strong>Do not use if package is damaged</strong></td>
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<td><strong>MR Conditional</strong></td>
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<td><strong>MRI Unsafe</strong></td>
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<tr>
<td><strong>Importer</strong></td>
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<tr>
<td><strong>Medical Device</strong></td>
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Bone Cement Usage – The following legends are displayed on the product labeling to indicate bone cement usage:

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<td>Implants intended to be used with bone cement</td>
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<tr>
<td>Implants intended to be used without bone cement</td>
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<tr>
<td>Implants intended to be used optionally</td>
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</tr>
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German Translation goes here.

French Translation goes here.

Spanish Translation goes here.

Italian Translation goes here.