**STEP 1: Pre-disinfection**

- **A** 1. Remove the spray clip.
- **A** 2. If heavily soiled, clean first with disinfectant cloths.

**STEP 2: Disassembly**

- **A** 1. Hold the head firmly with one hand.
  - Push sheath and knee gently together.
  - At the same time twist the sheath from the knee.
  - Remove the sheath and the shaft.

- **B** 1. Remove the knee.
  - **B** 2. Remove the middle gear from the knee.

**STEP 3: Cleaning**

- **A** Rinse under demineralized water (<38°C, 100°F).

- **B** Remove any liquid residues by blow-drying with compressed air or wiping with an absorbent cloth.

**STEP 4: Cleaning & disinfection**

- **A** 1. Clean coolant outlet carefully with the nozzle cleaner to remove dirt and deposits.
  - Blow through the coolant tube and coolant outlet with the compressed air.

- **B** Disinfect all contra-angle handpiece parts. Cochlear™ recommends processing with a thermo washer disinfector, or use wiping disinfection.
STEP 5: Assembly

1. Insert the middle gear into contra-angle head.
   Check free running of the chucking system.
2. Insert the knee onto the contra-angle head until it engages.
3. a) Put the shaft in the knee.
   b) Observe the position of the rotational lock.
   c) Check free running rotation.
4. Press the sheath firmly against the knee.
5. Twist until it engages.
6. Attach the spray clip.

STEP 6: Lubrication

Lubricate the contra-angle handpiece with W&H service oil F1, MD-400. Follow the Instructions for Use on the oil spray can. Always sterilize after lubrication.

STEP 7: Motor with cable

• Before disinfection and cleaning, push the motor protective cover onto the motor attachment.
• If heavily soiled, clean first with disinfectant cloths.
• Rinse under demineralized water (< 38°C, < 100°F).
• Remove any liquid residues (absorbent cloth, blow-dry with compressed air).
• Disinfect with surface disinfectants. Wiping disinfection is recommended.

STEP 8: Sterilization

Cochlear recommends steam sterilization according to EN 285 and EN 13060, class B and class S (class S: Sterilizer manufacturer approval required for sterilizing contra-angle handpiece). Minimum cycle time of four minutes at 132°C (269.6°F). Cochlear recommends using the sterilization cassette.

Motor with cable. For sterilization in sterilizers with drying program, we recommend removing the motor protective cover. Do not twist or kink the motor cable. Do not coil it too tightly.