

Section: Division of Nursing

* **PROCEDURE** *

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HACKETTSTOWN REGIONAL MEDICAL CENTER

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OR
(Scope)

TITLE: STRYKER 4100 CORDLESS DRIVER

PURPOSE: To outline procedure for proper use of 4100 Cordless Driver.

- EQUIPMENT:**
1. Handpiece
 2. Battery
 3. 1 – Wire Collet (.028 - .071) [0.7mm – 1.8mm]
 4. 1 – Pin Collet (.078 – 1.25) [2.0mm – 3.2mm]
 5. 1 – A.O. Attachment
 6. 1 – 5/32 Jacobs Drill – Attachment
 7. 1 – 1/4 Jacobs Drill – Attachment
 8. 1 - Trinkle Drill – Attachment
 9. 2 – Chuck Keys

PROCEDURE STEPS:

1. Rotate the safety switch to the safety position.
2. Slide battery pack into the handpiece.
3. To install an accessory align J slot with the arrow on the release collar. The accessory will snap into place.
4. Set the safety switch to activate the triggers.
5. Depress triggers to run handpiece.
6. To release accessory, rotate handpiece release collar in the direction
7. Use of wire and pin collet.

KEY POINTS:

The safety switch prevents inadvertent operation of the handpiece.

When fully inserted the latch will lock in place. Push the latch in the direction of the arrow to remove the battery pack.

Tug on the accessory to ensure its secure.

Both the reverse trigger and the forward trigger are pressure sensitive for variable speed operation. When depressed together, the triggers operate the handpiece in the Oscillate mod.

Wire collet accepts – 0.7mm – 1.8mm wires
Pin collet accepts – 2.0mm – 3.2mm pins.

- | | |
|---|---|
| a. Load wire or pin from either front or back of collet. | Make sure wire or pin is lined up properly. |
| b. Squeezing the wire advance control lever holds the wire or pin in the handpiece. | Releasing the lever allows movement. |
| 8. Use of Jacobs attachment.. | This attachment holds wires, pins, 2 bits. |
| a. Use chuck key to open the chuck jaws. | Use appropriate key. |
| b. Squeezing the wire advance control lever holds the wire or pin in the handpiece. | Make sure it is centered in the jaws. |
| c. Use the chuck key to close the jaws. | Tug tool to check for proper retention before turning handpiece. |
| 9. Use of A.O. or synthesis attachment. | This attachment accepts synthesis tools or appropriate snap-lock shank. |
| a. Slide back retaining collar. | |
| b. Insert tool. | |
| c. Release retaining collar. | Tug tool for proper retention before use. |
| 10. Use of trinkle attachment. | Accept tools with trinkle fitting. |
| a. Slide back retaining collar. | |
| b. Insert desired tool. | |
| c. Release retaining collar. | Tug tool for proper retention before use. |