

Histofreezer[®]

Portable Cryosurgical System

Recommended Procedure for Plantar Wart Treatment

EASY ON PATIENTS. TOUGH ON WARTS.

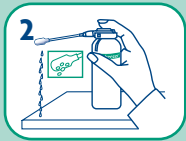
**For medical
professional
use only**



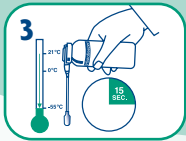
OraSure Technologies, Inc.



1. Draw a circle around the outermost edge of the plantar wart(s) to be treated and measure. Recording the size of the lesion will help you determine the response of the wart site during subsequent visits. See Figure 1.

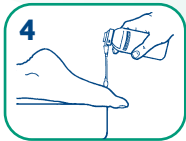


2. Debride the wart to pinpoint bleeding. We suggest using a hemostatic solution to stop the bleeding. Do not use silver nitrate to stop the bleeding as it will cause irritation.



3. Have the patient lie face down on an exam table, exposing the plantar surface upward.

4. Hold the Histofreezer® Portable Cryosurgical System canister in an upright or vertical position, press down on the valve button until the cryogen drips from the foam tip. The droplets will not harm clothes or office furnishings. Then release finger from the valve. See Figure 2.



5. Turn the canister horizontal so that the foam tip is pointing downward and wait 15 seconds before applying to the wart. See Figure 3.



6. Apply the frozen applicator bud to the wart for 40 seconds in a VERTICALLY DOWNWARD POSITION. TREATING AT ANY OTHER ANGLE THAN 90° WILL REDUCE THE EFFECTIVENESS OF THE TREATMENT. See Figure 4 & 5.

Warning

NEVER SPRAY OR DRIP CRYOGEN DIRECTLY ONTO THE SKIN OR SPRAY WHILE TIP IS IN CONTACT WITH SKIN. NEVER SPRAY WITH BUD IN THE DOWNWARD POSITION.

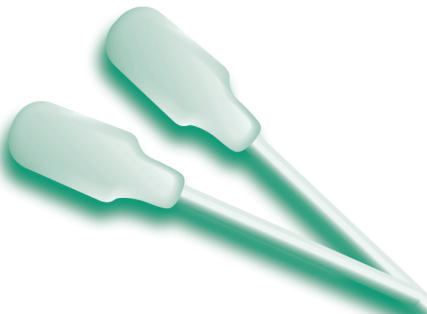
7. The bud will maintain the treatment temperature of -55°C for up to 120 seconds. This is long enough for 2 to 3 applications to be applied on the same patient.

NOTE: The applicator buds supplied with the Histofreezer[®] Portable Cryosurgical System kit freeze 5mm across. Lesions over 5mm in diameter will require treatment in sections. See [Helpful Hint #1](#).

8. If treatment has been performed on a weight-bearing area, we suggest applying an aperture pad or disbursement dressing for the patient's comfort. It is not advisable to occlude the treated area with any keratolytic agent or vesicant for 24 hours. The wart site may shrink or rise up, however, no vesicular bullous reaction should be seen.
9. See [Helpful Hint #2](#) for recommendations on adjunct therapy with salicylic acid.
10. Schedule the patient for a return visit in two weeks. This gives the treated area time to slough. Most plantar warts will resolve within four treatments, at two week intervals. At each subsequent visit, perform the entire procedure again.

Helpful Hints:

1. Always oversize the treatment. If the lesion is 5mm in size, freeze 6mm to break the viral/normal skin barrier. You must treat the entire wart, not just the center.
2. Resolution may occur in one to four treatments on warts of 5mm or less without any adjunct therapy. For lesions over 5mm in diameter, we suggest that the patient apply a 17% salicylic acid preparation twice daily, beginning 24 hours after treatment with Histofreezer[®] Portable Cryosurgical System, continuing until the next visit.



CPT Codes

CPT Codes 17110 and 17111 are recommended for billing.



The Histofreezer® Portable Cryosurgical System is a registered trademark of OraSure Technologies, Inc.

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U.S. Patents #5738682 and #6092527 and various international patents pending.



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