

1. Select Appropriate Sized Applicator
  - Soak in liquid nitrogen
2. Apply Liquid Nitrogen To Site
  - Light pressure for flat warts, molluscum, skin tags
  - Firm pressure for raised warts, seborrheic keratosis, actinic keratosis
3. Freeze Lesion
  - Identify whiteness
  - Freeze margins for warts and actinic keratosis
4. Spray Cryospray To Freeze Lesion
  - Spray at appropriate distance
  - Spray paintbrush fashion, centrifugally or transversely

1. Anesthetize The Skin
  - Position needle perpendicular to skin
  - Inject intradermally
  - Raise wheal under lesion
2. Stabilize Skin
  - Stretch skin with finger and thumb
3. Select Cutting Instrument
  - Select razor or #15 scalpel
4. Make Incision
  - Angle scalpel blade or curve razor between thumb and forefinger for proper depth.
  - Use smooth, even cutting motion

## 1. Plan Excision

- Outline excision with surgical pen (elliptical, diamond, hexagon)
- Make elliptical excision with length 3x width

## 2. Make Initial Excision

- Begin with point of scalpel blade
- Use middle of scalpel blade for middle of incision
- End with point of scalpel blade at end of incision
- Angle blade edge slightly away from lesion

## 3. Excise Incision

- Lift corner of excision with tissue forceps
- Evenly undermine the skin with scalpel or scissors at level of subcutaneous fat

## 4. Close Wound

- Select suture placement sites by using "rule of halves"
- Grasp needle 1/3 distance from eye with needle holder
- Place needle point perpendicular to skin, 1–2 mm from wound edge
- Drive needle point down, then up into center of wound
- Pull needle through with holder
- Repeat process from center of wound to point 1–2 mm from opposite wound edge
- Approximate wound edges by tying two or more surgical knots

## 1. Anesthetize The Skin

- Position needle perpendicular to the skin
- Inject intradermally
- Raise wheal under lesion

## 2. Stabilize The Skin

- Stretch the skin with thumb and forefinger

## 3. Cut Core Biopsy

- Place punch perpendicular to skin surface
- Apply steady downward pressure
- Turn punch smoothly in clockwise direction
- Stop when punch reaches subcutaneous fat ("gives way")

## 4. Remove Biopsy Core

- Press fingers downward on adjacent skin to pop up core
- Lift core with needle or forceps
- Cut base of core with tissue scissors

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