Minimally Invasive Biopsy Device for Soft Tissue

DESCRIPTION
Soft tissue biopsy is often accompanied by unnecessary damage to the surrounding healthy tissue and scarring. This technology covers a minimally invasive biopsy device for excising a soft tissue lesion along with a defined margin of the surrounding healthy tissue. In Step 1, a lesion-locating needle is inserted via a small incision. In Step 2, the cylindrical retractor is inserted allowing access to the lesion. In Step 3, a cutting tool is used to excise the lesion along with pre-defined area of marginal tissue. Unlike typical biopsy tools, this device allows for a more focused and controlled removal of soft tissue with minimal scarring, making it especially useful for small tumor excisions.

KEY ASPECTS
- The biopsy device was specifically designed for biopsies of breast tissue
- Allows for less invasive biopsy of deeper soft tissue
- Useful in small tumor excisions
- Minimal scarring

INTELLECTUAL PROPERTY

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