Dextrose Hydrodissection for Post-Breast Cancer Chest Wall and Axillary Tightness.

NCT07378319

Status	RECRUITING
Phase	Not Applicable
Sponsor	Taichung Veterans General Hospital
Enrollment	15 participants

Plain Language Summary

This study tests dextrose prolotherapy — injections of concentrated sugar water into connective tissue — as a treatment for persistent chest wall and underarm tightness or pain that continues more than 3 months after breast cancer surgery and has not improved with standard physical therapy.

You may be eligible if...
- You have had breast cancer surgery (mastectomy or lumpectomy), with or without lymph node removal
- You still have significant chest or underarm pain, tightness, or movement restriction at least 3 months after surgery
- Your symptoms haven't significantly improved after 12 weeks of standard physical therapy
- You are 18 or older

You may NOT be eligible if...
- Your breast cancer has come back or spread
- You currently have active lymphedema requiring treatment
- You have a bleeding disorder or are on blood thinners that would make injections unsafe
- You have an active infection or unhealed wound at the injection site
- You are allergic to dextrose
- You are pregnant

Talk to your doctor to see if this trial is right for you.

Key Eligibility Criteria

Inclusion (6)

- History of breast cancer surgery (mastectomy or breast-conserving surgery), with or without axillary lymph node dissection
- Persistent ipsilateral chest wall and/or axillary pain, tightness, or movement restriction lasting e 3 months after surgery;
- Clinically significant baseline symptom severity, defined as Quick Disabilities of the Arm, Shoulder and Hand (QuickDASH) questionnaire e 25 and/or pain intensity e 5/10 on the Numeric Rating Scale (NRS);
- Completion of 12 weeks of standard physical therapy with no significant improvement, defined as a change in QuickDASH score from baseline to completion of therapy below the minimal clinically important difference (MCID; \<15 points) and/or pain improvement \< 2 points on the NRS .
- Age e 18 years;

... and 1 more (see full listing online)

Exclusion (7)

- Evidence of local cancer recurrence or metastatic disease;
- Active lymphedema requiring ongoing decongestive therapy at the time of enrollment;
- Shoulder pathology, including intra-articular or peri-articular conditions (e.g., adhesive capsulitis with marked capsular restriction, or acute rotator cuff tear,) judged by clinical assessment to be the dominant cause of symptoms.
- Active infection, skin lesion, or unhealed surgical wound at the intended injection site;

• Known bleeding disorders or anticoagulant use contraindicating injection;

... and 2 more (see full listing online)

Locations (1 total)

Taichung Veterans Genetal Hospital, Taichung, Taiwan, Taiwan