

Supplementary Materials

Preoperative ultrasound evaluation for lymphaticovenous anastomosis surgery in advanced breast cancer-related lymphedema

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Video 1. A superficial vein connected to a deep vein. Doppler signal was detected within both vessels when the limb was squeezed distally. On release, there was no reflux flow into the smaller superficial vein, suggesting the presence of a competent valve at the junction.

Video 2. The antegrade flow of lymphatic fluid with washout of blood within the vein during the squeeze-release maneuver of the limb distally. This shows the patency of microanastomoses and the favorable pressure gradient provided by the anti-reflux vein.