

Supplementary Materials

Ultrasound in deep inferior epigastric artery flap perforator mapping: techniques, applications, and future directions

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1. PubMed Query

((((DIEP[ti] OR DIEAP[ti] OR DIEA[ti] OR "deep inferior epigastric"[ti]) AND (imag*[ti] OR mapping[ti] OR anatom*[ti] OR perforasom*[ti] OR topograph*[ti] OR "perforator selection"[ti] OR "perforator vessels"[ti] OR venous[ti] OR angiograph*[ti] OR tomograph*[ti] OR Doppler[ti] OR ultrasound[ti] OR ultrasonograph*[ti] OR thermograph*[ti] OR holograph*[ti] OR visuali*[ti] OR reality[ti] OR deformation[ti]))

OR

((perforator*[ti] AND (ultrasound[ti] OR ultrasonograph*[ti] OR sonograph*[ti] OR Doppler[ti] OR duplex[ti] OR "B-flow"[ti]) AND (mapping[ti] OR planning[ti] OR design[ti] OR characteriz*[ti] OR microvessel*[ti])) OR (perforator*[ti] AND "flow velocity"[ti]) OR (microsurg*[ti] AND (ultrasound[ti] OR "artificial intelligence"[ti])))

OR

((("free flap"[ti] AND ("vascular planning"[ti] OR reality[ti])) OR ("breast reconstruction"[ti] AND "microvascular imaging"[ti]) OR (microvascular[ti] AND reality[ti]))

OR

((("abdominal wall"[ti] AND (perforasom*[ti] OR "venous anatomy"[ti])) OR (venous[ti] AND supercharg*[ti] AND (abdominal*[tiab] OR "breast reconstruction"[tiab])))

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AND ("1980/01/01"[dp] : "2026/10/14"[dp])