Supplemental Digital Content 1:
Figure 2 that illustrates the perforator flaps and the different ultrasound techniques.pdf.

Ultrasound images of perforator mapping:

- **a**: Split screen of a non-contrast B-flow image (left) and a morphological B-mode image (right).
- **b**: Color-coded Doppler imaging displayed as an overlay of a morphological B-mode image.
- **c**: Split screen of a non-linear contrast-enhanced ultrasound image (right) and a morphological B-mode image (left).
- **d**: Contrast-enhanced B-Flow image: note the optimized visibility of the perforator and its branches.

**Blue line**: Delineated course of a sample vessel.

*: fascia, **: cutis

e,f: Intraoperative photograph of an anterior lateral thigh flap with two perforators. The skin point, fascial point, and subfascial course of the perforator are marked.