

The invention refers to medicine, in particular to the plastic surgery.

It is proposed a tubular composite autotransplant, containing a tubed dermo adipoid thoracoabdominal flap and a tubed radial flap, containing the dermofascio adipoid layer, the lateral and medial antebrachial cutaneous nerves, and a vascular pedicle formed of the radial artery with the accompanying veins and the cephalic vein, the vascular pedicle being common for both flaps of the composite autotransplant. It is also proposed the method of plasty of the extensive tegumentary defects using the said autotransplant, consisting in prefabrication of a tubed thoracoabdominal flap, training thereof onto the inferior pedicle within 3-4 weeks, drawing onto the forearm back of the aforesaid radial flap, the distal portion of which is made tubular, after what the superior pedicle of the thoracoabdominal flap is sectioned and sutured end-to-end with the proximal portion of the radial flap, the obtained composite autotransplant is trained within 3-4 weeks and it is freely transferred onto the receiving bed, carrying out the microvascular anastomosis.