

using deep inferior epigastric artery perforator flap is one of the commonly performed procedures.^[1] The donor vessels for the flap are either the internal mammary artery or its perforator and the thoracodorsal vessels. The internal mammary perforator's size is not predictable also access to internal mammary vessels need removal of costal cartilage and is technically difficult. In our experience, the thoracodorsal vessels are more commonly used for anastomosis of the flap pedicle due to their calibre. These vessels are encountered and can be protected with care during the axillary dissection.

After the anastomosis, we prefer to keep a suction drain in the breast under the flap and in the axilla. The axillary drain is loosely anchored to the chest wall away from pedicle to avoid inadvertent pulling of the pedicle. Following the flap transfer and successful anastomosis, the most important part is the avoidance of any external pressure over the site of the anastomosis. Till the patient is being shifted to the post-operative ward, they are generally accompanied by a member of the reconstructive team, but subsequently, a reliable method of protecting the anastomosis from the external pressure is desirable. Many innovative ideas have been described in the literature for the similar purpose (avoiding pressure over flap pedicle) depending on the site of the tissue transfer and the site of the anastomosis.^[2,3]

Simple way of splinting the arm following vascular anastomosis in the axilla

Sir,

Breast reconstruction is a common procedure after ablation of breast cancer in the western world and is slowly gaining acceptance in India. Of the reconstructive options, microsurgical reconstruction of the breast



Figure 1: (a) Small pillow (big well-spread cotton roll/thick foam) is anchored to the forearm and the hand with paper plasters. The support should start just below the elbow on the volar aspect and should support the hand as well. (b-d) Once applied, it supports the arm away from the chest wall and prevents it from coming anywhere close to the axilla in any position of the hand. This splinting is necessary only for a few days, and it does not interfere the monitoring of the free flap

We use a simple technique to reliably splint the arm away from the body. A small pillow is folded and is anchored to the forearm and the hand with paper plasters [Figure 1a]. The paper plaster makes sure that, though loosely plastered around the forearm, it prevents movements of the padding from its place. This splints and supports the arm away from the body irrespective of the position of the arm [Figure 1b-d]. These patients are usually under mild sedation for pain relief post-operatively. This technique reliably splints the arm away, and there is no worry about the support moving away with patient's movements. As it is secured well, there is no fear that the support itself will move into the axilla and cause pressure. The patient can keep the hand in any position comfortably. Another usual problem, if the patients are asked to maintain a particular position of the arm in the bed, is muscular strain causing pain around the shoulder and the neck. With the splint on, patients are very comfortable and are allowed free movement of the concerned arm. After the initial application, it usually does not need any attention and is generally removed on the 3rd or 4th day following the surgery. Flap monitoring is unhindered as there are no straps around the chest [Figure 1d].

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Conflicts of interest

There are no conflicts of interest.

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