

# “Vomiting Container” Appliance for Securing the Vascular Lines

## Letter to Editor

Catheterizing for intravenous drug and fluid administration is one of the most important steps of general anesthesia induction. In pediatric group it is hard to find a reliable vascular access and secure it during the operation. When the only vascular access is far from the anesthesiology team it become more of an issue to protect it under the surgical drapes. In long and bleeding cranial surgeries such as craniosynostosis, maintenance of the arterial line is vital. Several types of securing materials as well as tapes, drapes, sutures are widely used for securing the IV catheters [1-3]. However, this techniques are not enough to secure and monitor during the long operations under heavy surgical drapes in particularly pediatric group. Starting this point we develop an idea using a “disposable vomiting container” which is frequently used in operating rooms for vomiting patients at awaking phase (Figure 1).

The container is made of semi soft material that is consisted of carton thus giving shape with scissors is very easy. After the adjustment of container for patient’s forearm thickness it is placed over the hand (Figure 2). The advantage of this method is securing the vascular line with an easy method when there is any possibility of visualization during the operation. One must take care reshaping of the container, when the arch is so narrow it would lead decubitus ulcer on the arm. The arch should be check twice and container should be taped on operating table covering to prevent any movement. This practical and cheap method is very useful for securing the IV lines during surgery against surgeons and drapes.

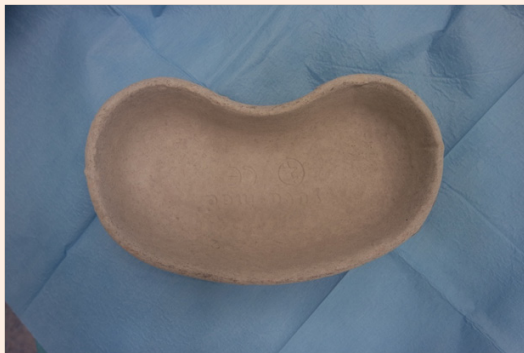


Figure 1: Kidney shaped vomiting container.

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Figure 2: Appliance and positioning of the container.

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