SUTURE CLIP DEPLOYMENT DEVICES

ABSTRACT

Disclosed herein are suture clip delivery devices that can be loaded with several flat, disk-shaped suture clips and can deploy the suture clips one after another onto respective sutures without reloading the device with additional suture clips. An exemplary device includes a handle portion with an actuation mechanism that is coupled to a shaft portion that holds and deploys the suture clips. The shaft portion includes a mandrel on which the suture clips are mounted and a retainer that restricts the suture clips from moving proximally when the actuation mechanism pulls the mandrel proximally, which causes a distal-most suture clip to slide off the mandrel and be deployed onto one or more suture. The mandrel and remaining suture clips can them move distally to prepare to deploy the next suture clip.

Fig. 1