KINK RESISTANT PEEL AWAY SHEATH

ABSTRACT

Devices and methods for providing a kink resistant peel away sheath are disclosed. One device includes a sheath for insertion into a vasculature of a patient. The sheath comprises a sheath body having an outer surface, a longitudinal axis and a lumen formed therethrough. The sheath body comprises an inner layer arranged about the longitudinal axis, an outer layer coaxially arranged with the inner layer, and a support layer positioned between the inner and outer layers, wherein the inner, outer and support layers are laminated together to form the sheath body. The sheath also comprises at least one shear line positioned beneath the outer surface of the sheath body, and configured to facilitate the longitudinal separation of the sheath body along the at least one shear line.

[Fig. 3]