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SOLID BLUNT FOR A NEEDLE ASSEMBLY

ABSTRACT OF THE DISCLOSURE

A solid blunt and a needle assembly having a solid blunt. The solid blunt helps to prevent accidental needle sticks. In one exemplary embodiment, a solid blunt has an outer dimension (e.g. outer diameter) which is nearly equal to an inner dimension (e.g. inner diameter) of a cannula of a needle which is configured to contain the solid blunt. In one example, the solid blunt substantially blocks fluid flow in a first circumferential portion of an inner diameter of the cannula and allows fluid flow in a second circumferential portion of the inner diameter. The solid blunt is typically capable of longitudinal movement through the cannula and is prevented from moving substantially in a direction perpendicular to the longitudinal movement. A needle assembly, in another exemplary embodiment, includes a solid blunt, a cannula and a clip which couples slidably the solid blunt to a frame which is coupled to the cannula. The present invention may be used with medical devices including needles, introducers and catheters and other devices as well.

Figure 3E