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(54) Title: NEEDLELESS INJECTION SITE

(57) Abstract

A needleless injection site comprising a housing (16) which defines a fluid passage (56). Disposed within the housing (16) is a reseal member (58) which includes an openable and closable aperture (80), and an expandable and collapsible reservoir (100). The reseal member (58) normally is in a first position in the housing with a closed aperture (80), and a collapsed reservoir (100). The reseal member (58) is deformable such that compressive pressure will move it to a second position, expanding the reservoir (100) and opening the aperture (8) and placing the aperture (80) in communication with the fluid passage (56) and the reservoir. Removing the compressive pressure will facilitate the return of the reseal member to its first position, closing the aperture (80) and collapsing the reservoir (100). The collapse of the reservoir (100) prevents the creation of a vacuum within the fluid passage (56) when the reseal member (58) returns to the first position.

