ABSTRACT

NEEDLELESS INJECTION SITE

A fixed flow rate needleless injection site comprising a housing which defines an interior chamber and a central opening which communicates with the interior chamber. The housing further comprises an elongate, proximally extending dilator projection portion which defines a fluid passage. Disposed within the central opening and the interior chamber is a reseal member which has an elastically openable and closable aperture disposed therein. The reseal member normally resides in a first position within the housing wherein the aperture is in a closed configuration. Disposed within the fluid passage of the dilator projection portion is a metering member defining a flow orifice for regulating the flow rate of a fluid through the fluid passage. The reseal member is deformable such that the application of distally directed pressure thereto will cause the reseal member to distally advance within the housing to a second position wherein the aperture assumes an open configuration and communicates with the fluid passage. The cessation of the application of distally directed pressure to the reseal member will cause it to resiliently return to the first position wherein the aperture reassumes the closed configuration.

FIGURE 2