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(54) Title: MEDICAL VALVE WITH FLUID ESCAPE SPACE

(57) Abstract

A medical valve has a body which includes a wall structure defining an internal cavity having an inside and an outside. The body also has a proximal end and a distal end. The proximal end has an opening sufficiently large to receive a tip of a delivery end of a medical implement which transfers fluid through the delivery end. The body has a fluid escape space in its wall structure. The valve also has a spike with a tip and at least one hole located at or near the tip. The spike has a passageway in communication with the hole that allows fluid to flow through the spike. A resilient seal in the cavity surrounds the spike. This seal is adapted to be moved into a compressed state upon insertion of the tip of the medical implement into the opening. The seal is sufficiently resilient to return to a decompressed state upon removal of the tip of the medical implement from the opening. The fluid escape space is in fluid communication with the outside of the cavity when the seal is in its compressed state.

