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(54) Title: MEDICAL VALVE WITH TIRE SEAL

(57) Abstract

A medical valve has a body which includes a wall structure defining an internal cavity having 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 valve also has a spike with a tip contained within the cavity and at least one hole located distal the tip. The spike has a passageway in communication with the hole that allows fluid to flow through the spike. The valve also has a resilient seal in the cavity which surrounds the spike. The 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. In addition, the seal has at least two tires in contact with the spike proximal the hole, preventing the flow of fluid through the valve when the seal is in the decompressed state.

