

Title (en)

CATHETER INFLATABLE CUFF PRESSURE STABILIZERS

Title (de)

DRUCKSTABILISATOREN FÜR AUFBLASBARE KATHETERMANSCHETTE

Title (fr)

STABILISATEUR DE PRESSION POUR UN MANCHON PNEUMATIQUE DE CATHÉTER

Publication

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Application

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Abstract (en)

[origin: WO2019162939A1] A cuff pressure stabilizer (100, 900) includes a protective housing (110, 910) and a balloon (148, 948) disposed therein. The balloon (148, 948) has a base low pressure of 10 cm H₂O when containing a base low-pressure volume of air. When the balloon (148, 948) contains a first medium-pressure volume of air, the balloon (148, 948) has a first medium pressure of 15 cm H₂O, and less than 15% of an outer surface (152, 952) of the balloon (148, 948) touches an inner surface (154, 954) of the housing (110, 910). When the balloon (148, 948) contains a second medium-pressure volume of air, the balloon (148, 948) has a second medium pressure of 30 cm H₂O, and at least 20% of the outer surface (152, 952) of the balloon (148, 948) touches a portion of the inner surface (154, 954) of the housing (110, 910). Other embodiments are also described.

IPC 8 full level

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