

[54] INTERNAL VASCULAR PROSTHESIS

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[57] ABSTRACT

A medical stent for use in an aneurysm constructed with a flexible tubular body formed from a medical thermo-plastic in the form of a helix. The flexible tubular body defines a lumen and the body is adapted to assume a substantial linear configuration when mounted on a stylet with the material of the body having a recovery memory which causes it to assume a helical configuration when it is removed from the stylet. The body is provided with strands which are connected to adjacent loops of the helix and extend in the space defined by each coil of the helix to allow clot and ingrowth of tissue to seal off the dilated portion of the vessel.

17 Claims, 2 Drawing Sheets

