

Title (en)

DUAL DILATATION BALLOON AND INFUSION BALLOON CATHETER.

Title (de)

KATHETER MIT DILATIONS- UND INFUSIONSBALLON.

Title (fr)

CATHETER GONFLABLE A DOUBLE FONCTION DE DILATATION ET DE PERFUSION.

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Application

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Abstract (en)

[origin: WO9325265A1] The present invention relates to a catheter which is capable of performing both an angioplasty procedure using a dilatation balloon (40) and application of therapeutic drugs using an infusion balloon (50). The catheter according to the present invention is advantageous because it eliminates the need for removal and reinsertion of separate catheters or repositioning of the same catheter to perform the dilatation and infusion procedures. The present invention also relates to a dual dilatation balloon and infusion balloon catheter, wherein the infusion balloon (50) is capable of infusing insoluble therapeutic agents to the treatment site. This is advantageous because the insoluble agents exhibit improved tissue residence profiles and more beneficial treatment characteristics.

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