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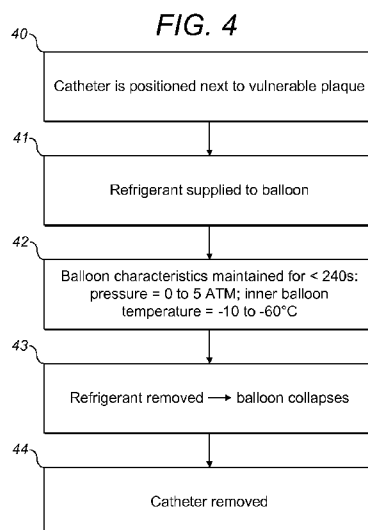
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(54) Title: PLAQUE STABILISATION USING CRYOENERGY



(57) Abstract: There is provided a method of supplying cryoenergy to a plaque within a blood vessel. The method comprises expanding an expandable membrane of a catheter apparatus with a pressure of less than 5 ATM (507 kPa), the catheter apparatus having been placed in thermal contact with the plaque within the blood vessel. The method also comprises establishing a temperature of between +15°C (288K) and -35°C (238K) at an interface of the expandable membrane and the blood vessel. A system and catheter apparatus are also provided.