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(21) International Application Number: PCT/US99/11432 (22) International Filing Date: 24 May 1999 (24.05.99) (30) Priority Data: 09/084,816 26 May 1998 (26.05.98) US (71) Applicant: BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway 2-2E, Deerfield, IL 60015 (US). (72) Inventors: WOO, Lecon; 1013 Shari Lane, Libertyville, IL 60048 (US). LING, Michael, T., K.; 1672 Cypress Pointe Drive, Vernon Hills, IL 60061 (US). QIN, Chuan; 4938 Boulders Drive, Gurnee, IL 60031 (US). LAL, Birendra, K.; 1299 Thorndale Lane, Lake Zurich, IL 60047 (US). DING, Yuan-Pang, S.; 302 Richmond Lane, Vernon Hills, IL 60061 (US). ROSTRON, Donna, L.; 1628-3 Columbia Circle, Bartlett, IL 60103 (US). MIZENER, Susan, R.; W6816 Brick Church Road, Watworth, WI 58134 (US). RYAN, Patrick, T.; 968 Boxwood Drive, Crystal Lake, IL 60014 (US). (74) Agents: BUONAIUTO, Mark, J. et al.; Baxter International Inc., One Baxter Parkway 2-2E, Deerfield, IL 60015 (US).		(81) Designated States: AU, BR, CA, CN, IN, JP, KR, MX, NO, NZ, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>

(54) Title: IMPROVED MEDICAL PUMP TUBING**(57) Abstract**

The present invention provides a method of using a medical tubing (10) with a pump for administering measured amounts of a beneficial fluid over time to a patient comprising the steps of providing a tubing (10) having a first layer (14) selected from the group consisting of ethylene homopolymers and ethylene copolymers, wherein the copolymers of ethylene are an ethylene monomer copolymerized with at least one monomer selected from the group consisting of lower alkyl olefins, lower alkyl esters of a carboxylic acid, and lower alkene esters of a carboxylic acid, the lower alkyl and lower alkene having from 3 to 18 carbons, the tubing having been exposed to a sterilization dosage of radiation of from about 15 to about 45 kGys; and pumping fluid through the tubing (10) with the pump.

