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(54) Title: BIOCOMPATIBLE DIALYSIS FLUIDS CONTAINING ICODEXTRINS

(57) **Abstract:** Glucose polymer-based solutions and methods of making same that can be used during medical therapy, such as dialysis therapy are provided. The glucose polymer-based solution preferably includes a first solution containing icodextrin at a pH ranging from about 1.5 to about 5.0 and a buffer solution at a pH ranging from about 7.0 to about 12.0 that are so constructed and arranged allowing the glucose polymer-based solution to be mixed prior to infusion into a patient. The glucose polymer-based solutions of the present invention can be made at physiologic pH and with minimal glucose degradation products.

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