A DIALYSIS APPARATUS

Abstract

The present disclosure generally relates to a dialysis apparatus. The dialysis apparatus may comprise a controller configured to control a filling and a draining of a patient during a dialysis process, a water purification device configured to provide purified water to a fill bag to generate a dialysis fluid for infusion to a patient, an inline pump positionable between the fill bag and the patient, wherein the inline pump is configured to transfer dialysis fluid to the patient during a patient filling phase of a dialysis process, a fixed pump integrated within the water purification device, wherein the fixed pump is configured to drain the patient of fluid during a patient draining phase of a dialysis process, and a pressure sensor integrated with the water purification device, wherein the pressure sensor is configured to monitor a pressure of dialysis fluid during both a patient filling and patient draining phase of a dialysis process.

Fig. 5A