

U.S. Continuous Renal Replacement Therapy Market Size, Share & Trends Analysis Report By Product (CRRT System, Disposables, Liquids), By Modality (SCUF, CVVH, CVVHD, CVVHDF), And Segment Forecasts, 2021 - 2028

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Abstracts

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U.S. Continuous Renal Replacement Therapy Market Growth & Trends

The U.S. continuous renal replacement therapy market size is expected to reach USD 957.2 million by 2028, according to a new report by Grand View Research, Inc. It is expected to expand at a CAGR of 6.1% from 2021 to 2028. The U.S. market is expected to grow owing to the growing number of ICU patients with Acute Kidney Injury (AKI), along with the increasing incidence of sepsis. Moreover, COVID-19 has positively impacted the market growth. In addition, the presence of well-established key players in the country focusing on developing and commercializing technologically advanced devices and initiatives undertaken by the government to increase the awareness about continuous renal replacement therapy (CRRT) is expected to boost the market growth during the forecast period.

The increasing prevalence of fluid overload, which frequently occurs in AKI patients in critical care units, is a key factor boosting the demand for CRRT devices. Moreover, the FDA has implemented precise laws on manufacturers to endorse the availability of high-quality CRRT devices in ICUs. This is expected to help create lucrative growth opportunities in the U.S. market in the near future.

Leading players such as Baxter International, Inc.; Fresenius Kabi; and Medtronic are

investing extensively in R&D to develop technologically advanced CRRT devices. Baxter, for example, has developed a PRISMAFLEX critical care system. It is a versatile platform that provides personalized therapy based on a patient's comfort and suitability. Furthermore, B. Braun's Diapact CRRT system is equipped with modern technology that enables the effective treatment of AKI and kidney disorders. The critical blood filtering process is carried out accurately and without obstructing patients' recovery. Such advancements in CRRT systems, combined with innovation, are expected to result in the increased adoption of CRRT systems, which is anticipated to boost the U.S. CRRT market growth in the near future.

U.S. Continuous Renal Replacement Therapy Market Report Highlights

In terms of product, the liquids segment dominated the market in terms of revenue in 2020. The growing number of manufacturers supplying dialysate and replacement fluids for RRT is contributing to the segment growth

The disposables product segment is projected to expand significantly during the forecast period owing to the increasing use of hemofilter, fluids, charcoal filters, and other consumables in CRRT treatments

By modality, in 2020, the Continuous Venovenous Hemodialysis (CVVHD) segment dominated the market in terms of a number of procedures/treatments. The Continuous Venovenous Hemodiafiltration (CVVHDF) segment is expected to expand at the highest volume-based CAGR during the forecast period

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