Critical care is present focus of research in medicinal research. Critical Care is also known as intensive care. Critical care isn’t characterized by location; however it might be practiced in an assortment of settings including hospital-based facility, emergency care centers, medical prescription units, emergency vehicles, or by means of telemedicine. Emergency prescription experts give valuable clinical and leadership services to the emergency department. For the care and treatment of acutely ill or injured patients who need immediate medical attention, emergency medicine act as a therapeutic claim. This Research report analyses present and future strategies within various segments of the emergency medical services & ambulance market such as transportation equipment, blood and hemorrhage control devices, equipment used for burn care, diagnostics and infection control equipment, and cardiac, respiratory and hypothermia equipment. It also analyses each market segment and its applications, regulatory environment, technology, market projections and market shares. Critical care depends on the knowledge and aptitudes to diagnose disease and injury. The patients of all age groups can be affected in an acute phase. Emergency physicians treat a large number of patients and decide according to their conditions in most of the modern emergency departments. This has a wide scope with no boundaries of organ, system or disease pattern. Emergency medicine shares with family medicine the uniqueness of seeing all patients regardless of age, gender or any specifications.