JSS Academy of Higher Education & Research

JSS College of Pharmacy, Mysuru

Department of Pharmacy Practice

Basic Life Support (BLS) Training for V Year Pharm.D Students

Basic Life Support (BLS) course offered by American Heart Association will be provided to V year Pharm.D students in the first month of their Clerkship. The BLS guidelines provide to the students one month prior to the course. The guidelines highlighted a set of clinical interventions for the immediate emergency management of cardiac arrest, heart attack and other life threatening medical emergencies as well as knowledge and skills to apply those interventions. The guidelines were set into several groups of algorithms or instructions that are followed, and to increase its effectiveness. The major algorithm in the guidelines was the Cardiac Arrest Algorithm. During the course, the students got training in essential skills individually, as part of a team, and as team leader in different learning stations based on simulated clinical scenarios. The students learned the basics of resuscitation like chest compressions, adult and infant breaths, management of choking in adults and infants etc. Realistic simulations were focused on the following key concepts: proficiency in recognizing and initiating early management of peri-arrest conditions, of chocking and the supportive care, identifying and treating, recognizing other life-threatening clinical situations such as cardiac arrest and providing initial care, applying BLS algorithms and effective resuscitation team dynamics. At the end of the course, students appeared for a written test to evaluate the knowledge on clinical interventions for the emergency management of life threatening conditions. Only those students who passed the written test were required to participate in a Mega code testing station which evaluated the achievement of the course objectives by the student. The students who successfully completed the course were provided with American Heart Association Basic Life Support certification card.