



**Department of Medical Education**  
**Himalayan Institute of Medical Sciences**  
**Swami Rama Himalayan University**  
Swami Ram Nagar, P.O. Jolly Grant, Dehradun– 248016



**Chairman &  
Officer In-charge**

Dr. Ashok Kr. Deorari

**Coordinator**

Dr. Juhi Kalra

**Members**

Dr. V. D. Chauhan

Dr. D. C. Dhasmana

Dr. Sanjoy Das

Dr. Anuradha Kusum

Dr. Renu Dhasmana

Dr. Alpa Gupta

Dr. Deepa Singh

Dr. Bamali Kakati

Dr. Hemant Kr.

Nautiyal

Dr. Atul Agarwal

Dr. R. M Kaushik

Dr. Aarti Kotwal

Dr. Santosh Kr. Singh

Dr. Kiran Bhat

Dr. Saurabh Kohli

Dr. Sanober Wasim

Dr. Lovneesh Kumar

Dr. Deepak Kr. Dhar

HIMS/DME/2024/58

Date: 12.04.2024

**Clinical Grand Round**

**Date : 13.04.2024**

**Day : Saturday**

**Time : 03:30 PM – 04:30 PM**

**Venue: Adi Kailash**

**( Former name New Auditorium above  
HLT's)**

**Topic: "Shock in Emergency Department."**

**Abstract:** : Shock is defined as a state of cellular and tissue hypoxia due to either reduced oxygen delivery, increased oxygen consumption, inadequate oxygen utilization, or a combination of these processes. This most commonly occurs when there is circulatory failure manifested as reduced tissue perfusion, however hypotension is not a clear indicator of shock.

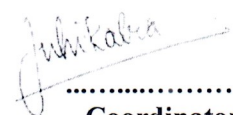
Rapid identification via active screening of patients presenting to the emergency department and prompt initiation of therapy is crucial in to ensure early correction of decompensated shock and to prevent irreversible end organ damage. This is illustrated from previous literature that reports high mortality rates (16-25%) among patients that present to the emergency department with undifferentiated shock, with the most common etiological sub type being due to septic shock (38%). Based on the driving pathophysiology shock is classified into 4 major categories: distributive, hypovolemic, cardiogenic and obstructive shock. It is essential to understand that clinical shock might be a mixture of more than one type (eg; septic shock) which may complicate management due to its multifactorial nature.

We highlight two cases that presented to our emergency department with shock of varying etiology and the differences in approach their treatment.

**Programme for Clinical Grand Round:**

Introduction	Dr Mukta Singh Associate Professor, Emergency Medicine	05 minutes
Case Presentation	Dr Martin JR-3 Emergency Medicine	10 minutes
Role of ED in managing shock	Dr Mukta Singh Associate Professor Emergency Medicine	10 minutes
Approach to shock in ED	Dr Himanshi Baid Assistant Professor Emergency Medicine	10 minutes
Cardiogenic Shock in ED	Dr Kunal Gururani Associate Professor Department of Cardiology	10 minutes
Septic Shock in ED	Dr Akash Rawat Assistant Professor Department of General Medicine	10 minutes

All Faculty & Post Graduate Residents are required to attend the Clinical Grand Round.



.....  
**Coordinator  
D.M.E**

Email Id: [dme.hims@shu.edu.in](mailto:dme.hims@shu.edu.in)