

Global Summit on Emergency Medical Services



History of GEMS

ABOUT EMS >>



Emergency Medical Services (EMS) are a critical component of any nation's healthcare system, acting as the frontline response to medical emergencies, accidents, and disasters.

In India, the vast and diverse geography, coupled with a burgeoning population, presents unique challenges in ensuring equitable access to timely and effective emergency care. The current EMS infrastructure, while commendable in many respects, requires significant enhancement to meet the increasing demand and to align with global best practices.

AIM OF EMS >>

The **aim of EMS** is to provide instant medical care to the victim.

EMS is often recognised when an emergency vehicle / ambulance van / air ambulance is seen flying past, but EMS is much more than just a ride to the hospital. It is an entire system which must be well coordinated. It constitutes of multiple people and agencies of various disciplines. An intricate system, seamless and well-coordinated to handle an emergency of every kind, every day.

Industrial EMS does not exist in isolation. Since Industrial Physician is the key person in charge of keeping all actions synchronised. Industrial Physicians must have an in-depth knowledge of the management of an unconscious patient and / or conscious patient in case of an incident, injury or illness. They should be aware of agencies and organisations both public and private partnering in the same. They should be well versed with communication and transportation.

Industrial Physicians must form a team of highly trained professionals which includes, nurses, therapists, volunteer and career pre-hospital personnel.

GLOBAL EMERGENCY MEDICAL SERVICES (GEMS) >>

GEMS was born from a simple but urgent realization: Emergency Medical Services must evolve beyond being a reactive transport mechanism to becoming a strategic pillar of national resilience. In its previous edition, GEMS established the foundations—Policy, Preparedness, Partnerships, and People. This year, we take a decisive leap forward.

Global Emergency Medical Services (GEMS) has developed into the leading education and most interactive platform for emergency medical service providers across the globe. This is where renowned leaders and educators in EMS gather to discuss evolving treatment strategies, share technological breakthroughs, and explore procedures that can advance the lives of patients everywhere.

It serves as a vital platform to address current challenges, explore innovative solutions, and strengthen EMS preparedness and Public health systems for the years ahead.

This prestigious summit brings together EMS professionals, healthcare experts, policymakers, and industry leaders to exchange knowledge, foster collaboration, and shape the future of emergency medical services across the Globe.

This summit brings together international leaders, innovators and practitioners dedicated to advancing emergency medical services.

GEMS has grown into India's most influential platform for integrated EMS development, and it aims to push the boundaries of emergency care, disaster readiness and pre-hospital innovation.

GEMS VISION >>

To develop a comprehensive EMS system that is ready, every day, for any kind of emergency across all industries.

To enhance in-depth knowledge of Occupational Health Physicians on Basic Life Support and Advanced Cardiac Life Support and to make them aware of agencies and organisations both public and private partnering in the same.

To enable industrial physicians to be well versed with communication and transportation in case of Medical Emergency.

Capacity building of Occupational Health Physicians to form a team of highly trained professionals which includes, nurses, therapists, volunteer and career prehospital personnel.

GEMS MISSION >>

Empowering industrial Medical, Paramedical and HSE personal with step by step guide filling all gaps and drafting one action plan for early and appreciative response to a medical emergency, keeping all disciplines inline.

Occupational health and emergency medical services are crucial in safeguarding industries and the workforce. Together they handle the unique risks, including physical and mental stress, exposure to hazardous environments, and emergency response demands.



KEY RECOMMENDATIONS OF PREVIOUSLY HELD GLOBAL EMERGENCY MEDICAL SERVICES SUMMITS >

1. Strengthen Medical and Community Preparedness

- a. Bridge the gap between Preventive Occupational Health Services, community preparedness, and Emergency Medical Services (EMS).
- b. Enhance focus on risk reduction in community and industries.
- c. Strengthen medical preparedness in industries based on risk analysis.
- d. Strengthen community preparedness to protect the surrounding community in case of industrial disasters.

2. Ensure the Availability and Use of Advanced Technology and Equipment

- a. Ensure the availability of the latest technology and equipment in EMS.
- b. Make Point of Care Testing Devices (POCT) available for effective EMS delivery.
- c. Leverage advanced technologies, such as artificial intelligence and drones, to enhance EMS capabilities.

3. Enhance Training and Capacity Building

- a. Encourage first aid training and ensure adherence to refresher courses.
- b. Build capacity through hands-on training for employees in Basic Life Support (BLS), Advanced Life Support (ALS), trauma, first aid, and other relevant areas.
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- d. Identify EMS training requirements and provide targeted training programs.

4. Improve Coordination and Communication

- a. Conduct Tabletop Workshops with community leaders to foster collaboration.
- b. Improve coordination among EMS providers and related agencies.
- c. Enhance situational awareness during incidents to facilitate timely and effective responses.

5. Implement Effective EMS Protocols and Procedures

- a. Ensure the implementation of emergency protocols.
- b. Establish a sequence of procedures for first aid and emergency medical management in case of incidents.
- c. Prioritize infection control, especially for critically ill patients.

6. Optimize Resource Management and Patient Care

- a. Optimize the use of available resources to maximize efficiency.
- b. Conduct meticulous pre-transfer evaluations of casualties to ensure proper care.
- c. Ensure rapid and safe patient transport, whether by ground, fixed-wing aircraft, or helicopter.

7. Conduct Regular Drills and Assessments

- a. Conduct periodic mock drills to test and improve response readiness.
- b. Implement timely triage to prioritize and reassess needs during medical emergencies.

8. Strengthen Documentation and Monitoring Systems

- a. Strengthen EMS documentation and create an appropriate database.
- b. Enhance the management and monitoring of the EMS information system.

9. Address Environmental and Safety Considerations

- a. Identify associated environmental or location hazards at industrial sites.
- b. Outline safety responses and ensure clear marking of site access points.

10. Encourage accreditation in EMS

- a. Promote the adoption of standardized national and international accreditation processes for EMS providers to ensure consistent quality of care and adherence to best practices.
- b. Provide incentives and support for EMS organizations to pursue accreditation, including access to training, resources, and recognition programs.

These recommendations serve as a commitment to advancing EMS in India, ensuring that every individual receives timely and effective emergency medical care with a focus on strategies companies can use to mitigate risks, maintain safe working conditions, and communicate important procedural information across the teams.



EVOLUTION OF GEMS FROM FIRST AID TO ADVANCED EMERGENCY CARE >>

I. First Summit on Emergency Medical Services GEMS-2018

First Summit on Emergency Medical Services (EMS) was organized by ENOCH (Academic wing of the Association of Environmental and Occupational Health Delhi and Haryana) on 4th August 2018, at SCOPE Convention Centre, Lodhi Road, New Delhi, India.

The Summit emphasized on its **Theme: 'EMS One Team One Mission'**.

II. Second Summit on Emergency Medical Services GEMS-2019

Second Summit on Emergency Medical Services (EMS) was also held at SCOPE Convention Centre, Lodhi Road, New Delhi, India on 20th April 2019.

The Summit emphasized on its **Theme: Strengthening EMS: Need of the Hour**

III. Pre-Summit Symposium on Emergency Medical Services 2020

Pre-Summit Symposium was organized on the Theme – Breaking Myths and Preparing India to fight Corona Virus outbreak, wherein Keynote address was delivered by **Prof (Dr) Tamorish Kole**.

IV. Third Summit on Emergency Medical Services GEMS-2022

This Summit emphasized on its **Theme: 'Technology in EMS: Future Directions'**. Renowned EMS experts led the deliberations in the conference through Keynote addresses, technical sessions & panel discussions.

Key Thematic Areas discussed were:

- HEMS (Helicopter Emergency Medical Services)
- Next generation ambulance
- Digital connectivity in EMS/5G
- AR-VR-MR in EMS
- Drones in EMS
- Role of AI (Artificial Intelligence)
- Pandemic Preparedness – How we can do better?

V. Fourth Summit on Emergency Medical Services GEMS-2024

Fourth Global Summit on Emergency Medical Services (GEMS) was organized on 18 – 19 July 2024 at Hotel Pride Plaza, Aero city, New Delhi.

This Summit emphasized on its **Theme: 'Decoding Efficiency in Emergency Medical Services'**.

VI. Fifth Summit on Emergency Medical Services GEMS-2025

Fifth Global Summit on Emergency Medical Services (GEMS) was organized on 1st – 2nd December 2025 at the Holiday Inn Hotel, Mayur Vihar, New Delhi.

This Summit emphasized on its **Theme: "Precision, Preparedness, Performance in EMS"**.

VII. Sixth Summit on Emergency Medical Services GEMS-2026

GEMS 2026 represents a generational leap in emergency care—from preparedness to preemption, from response to resilience, and from human effort alone to human-machine synergy. Hosted in Hyderabad, GEMS 2026 will not merely showcase the future of EMS—it will actively design, test and influence its deployment at national and global scale.

GEMS 2026: WHERE THE FUTURE OF EMERGENCY CARE IS ENGINEERED, NOT IMAGINED >>

GEMS 2026 is built around a transformative theme: **Beyond Response: Designing Intelligent, Autonomous and Resilient EMS Systems.** We stand at the threshold of a new era where emergency physicians, paramedics, AI decision engines, drones, robotics, predictive analytics, and digital command systems operate not in silos—but as a synchronized ecosystem. Our goal is not simply to discuss the future of EMS, but to design it, prototype it, and influence its responsible deployment.

Hyderabad offers a uniquely powerful setting for this ambition. As one of India's leading life sciences, health technology, and innovation hubs, the city represents the convergence of industry, research, digital infrastructure, and disaster management capability. GEMS 2026 will serve not merely as a conference, but as a living laboratory—where ideas meet simulation, policy meets technology, and vision meets implementation.

Across the summit, you will experience immersive command arenas, autonomous response demonstrations, AI-enabled triage systems, industrial disaster simulations, and high-level policy dialogues. More importantly, you will engage with leaders who believe that emergency care must become predictive, climate-resilient, ethically governed, and globally networked.

The challenges facing EMS today—climate volatility, industrial expansion, urban density, technological disruption—are complex and accelerating. Meeting them requires courage, collaboration, and clarity of vision. It requires us to think beyond response and toward anticipation; beyond effort and toward intelligent design.

We invite you to contribute your expertise, challenge assumptions, forge partnerships, and help shape the Hyderabad Declaration on Intelligent EMS Systems. Together, we can ensure that by 2030, emergency systems are not merely faster—but smarter, safer, and more equitable.

Welcome to GEMS 2026.

Let us engineer the future of emergency care—together.



Dr. Tamorish Kole
Chairman
GEMS



Dr. Sandeep Sharma
Organizing Secretary
GEMS



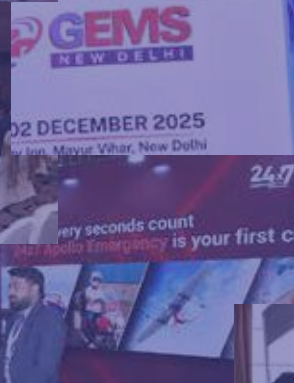
GEMS
NEW DELHI

01-02 DECEMBER 2025
Holiday Inn, Mayur Vihar, New Delhi

**GEMS EXCELLENCE AWARDS
IN PRE HOSPITAL CARE**



GLIMPSES OF THE GLOBAL SUMMIT ON EMERGENCY MEDICAL SERVICES GEMS



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