

Manipal Academy of Higher Education

Impressions@MAHE

MELIORA 2023-THE STUDENT MEDICAL
CONFERENCE OF KMC MANIPAL

Day-2: Eureka-Healthcare Hackathon

Aug 2nd, 10:00 AM - 1:00 PM

CoordinEase - Coordinated Solutions for Emergency Services

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CoordinEase

Coordinated Solutions for
Emergency Services



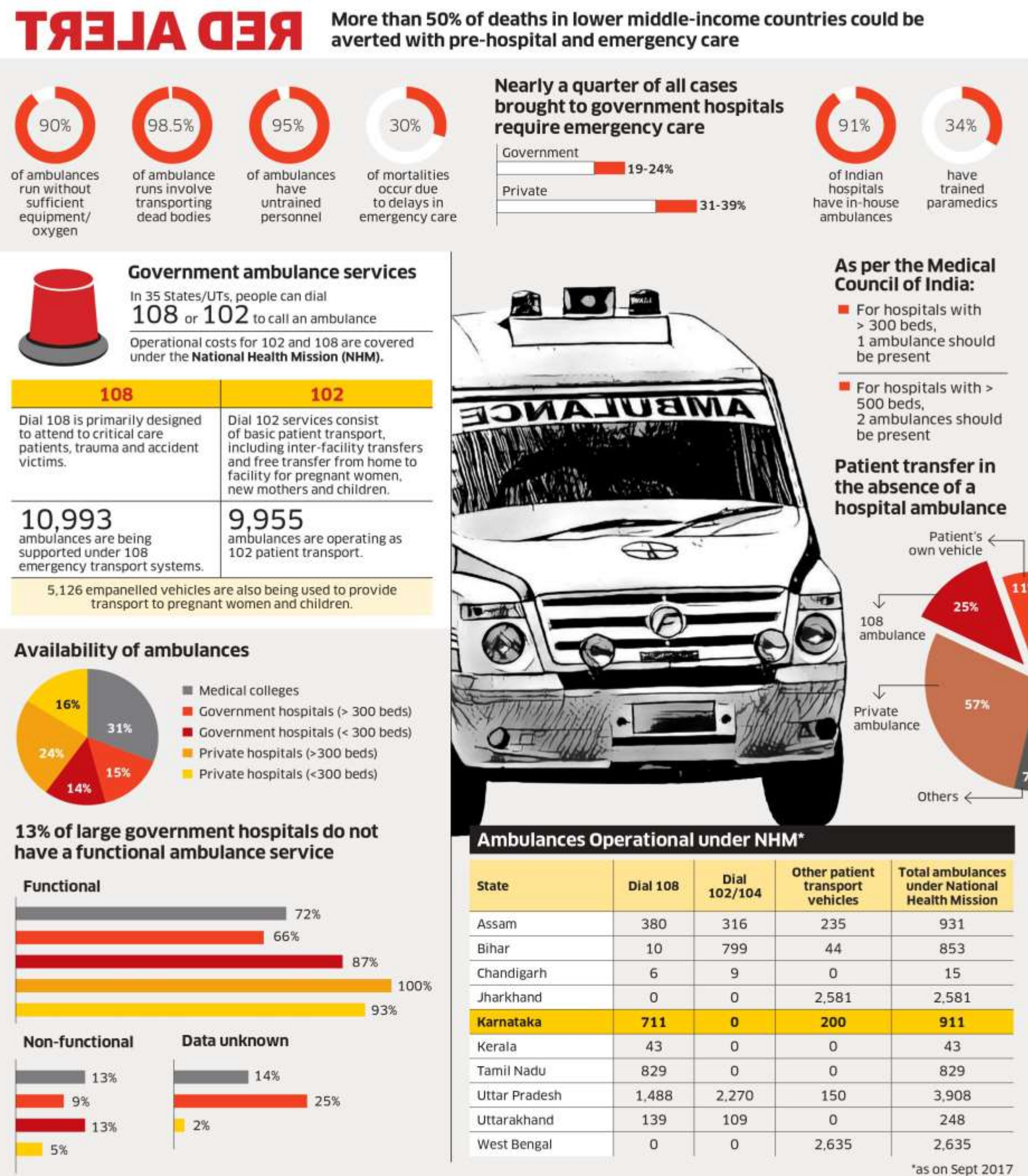
A presentation by
Vinutha J.B.
Nikshep Chandrashekhar
Mohit Singh Chauhan
Akanksha Singh

About Us

- The main focus of CoordinEase lies in enhancing patient care during the **“Golden Hour”**
- Cloud based design** which is built to provide real time patient information.
- Ensure a smoother transfer of patients and helps to facilitate prompt medical intervention.
- Every minute of the Golden Hour is precious, and our goal is to ensure that no patient faces delayed access to emergency care.



Increasing transit time increases the risk of mortality. Our data suggest that a 10-km increase in straight-line distance is associated with around a 1% absolute increase in mortality.



More than 50% of deaths in lower middle income countries could be averted with pre-hospital and emergency care

Our Aims



Streamlining communication between emergency services and hospitals as well as between hospitals.

Bring down patient mortality by making sure that precious time is not spent in paperwork or investigations which have already been performed.

Act as an effective bridge between emergency services and hospitals, making the referral process smooth and hassle free.



Electronic
medical records

Effective usage of telecommunication
and data transfer

Real time updates on vitals

Integration with GPS technology

What sets us
apart?



Designation and ranking
of trauma units



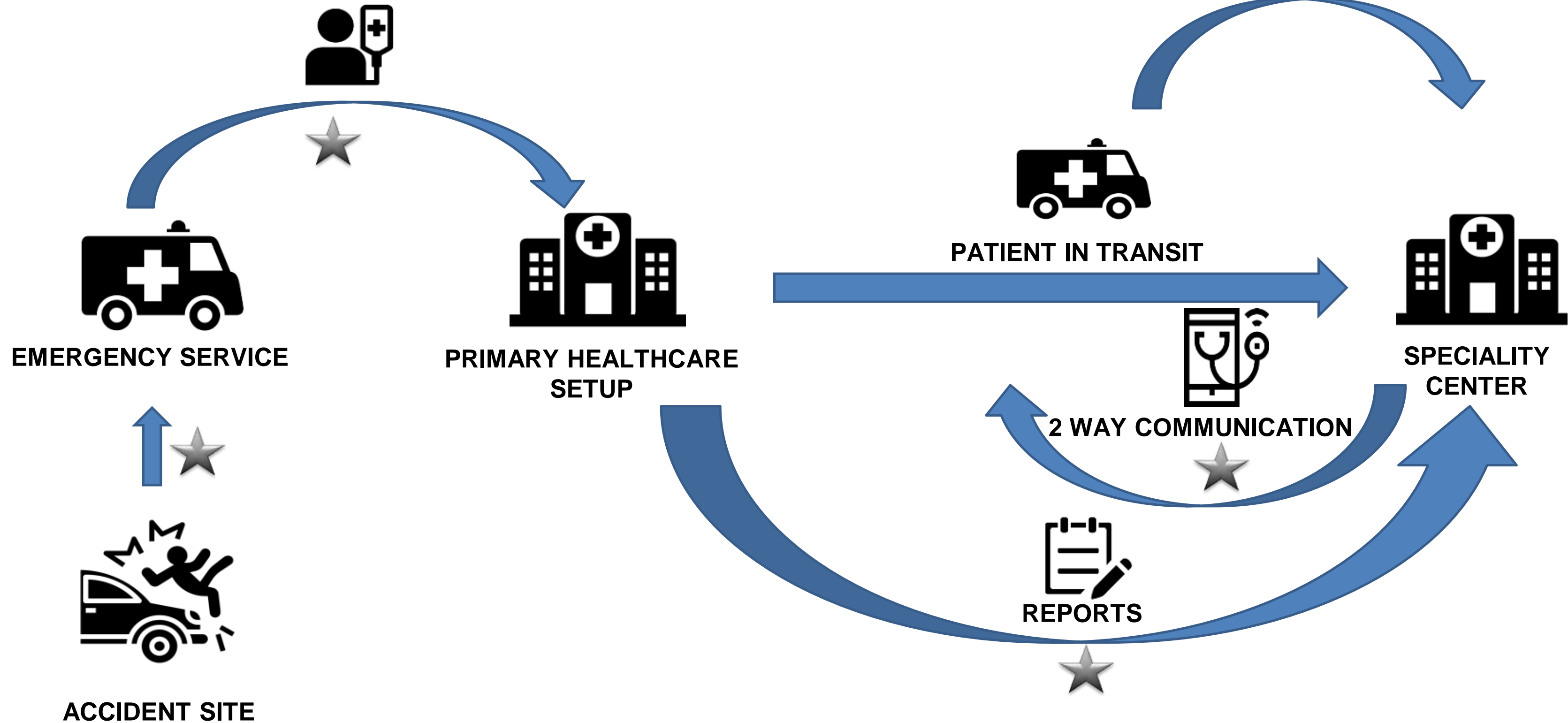
Advanced analytics and reporting

Intuitive multilingual interface

What sets us
apart?

Workshops, simulations and
community outreach programmes

Workflow





Although teleconsultation services related to emergencies do exist, our platform stands apart from them

Our unique interface and the following features differentiate us from competitors:

- Intelligent triaging
 - Location tracking
 - Usage of integrated EMRs and live vital tracking
-

Comprehensive care which focuses on evaluating and improving patient outcome



Potential Competitors

Associated Risks

- Lack of acceptance from healthcare services – resistance to change
- Need for training and integration into existing systems.
- Worries about data security
- Dynamic regulatory environment which may need constant maintenance
- Last three problems can be solved with careful risk management.



Investment Plan

- Improvement of our platforms capabilities and technical infrastructure will be our main goal.
- Working on ensuring data privacy.
- Collaborations with more healthcare setups, from the grassroots level to specialized centers.
- Research and development to keep the platform up to date with the evolving industry standards and new protocols.
- Awareness campaigns for the public as well as for healthcare services.



Bibliography



References:

- Nicholl J, West J, Goodacre S, Turner J. The relationship between distance to hospital and patient mortality in emergencies: an observational study. Emerg Med J. 2007 Sep;24(9):665-8. doi: 10.1136/emj.2007.047654. PMID: 17711952; PMCID:PMC2464671.
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