

# Global Health Alliance UK

## Innovating Emergency medical services: The Road Ahead

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### Background

Global Health Alliance (GHA) consists of medical experts from leading universities, royal colleges and hospitals of UK. The organization works towards skilling and up-skilling healthcare professionals worldwide. GHA has focused its efforts in developing countries. One of the main areas has been improving rural and urban healthcare delivery in India.

### The Problem

In India, the healthcare system is still in its primitive stages, hundreds die due to the lack of a proper emergency medical system (EMS). In 2015/2016 GHA had sent a team of experts to different states of India to assess the healthcare system. The team worked with local experts and patient groups to prepare a roadmap of future healthcare needs and a strategic plan was rolled out considering the local healthcare requirements.

**“About 400 people die on Indian roads every day, making the country notorious for the world's highest fatalities in road accidents”**

### Intervention

After initial assessment GHA created courses to train and improve the staff involved in EMS, including nurses doctors and paramedical staff through its experts based in UK.

GHA has already worked with the Indian Government in creating and sustaining a model in which; the emphasis is on up-skilling the EMS staff. GHA was involved with the collaboration of Indian EMS experts with UK experts by holding talks and discussions with both groups to see where the Indian system can improve. Courses were then created. These courses ran monthly assessments over a 6 month period where opportunity for staff and patient group input was encouraged and further improvements were discussed and implemented.

### Results

Once our course was delivered we decided to get feedback in the form of a national survey, where staff trained by GHA described their experiences and changes in practice. We have preliminary results which shows that delivery of EMS, post GHA courses, has shown improvements in clinical skills, confidence and patient centeredness. An improvement to > 90% was noted in all three aspects of those that had taken the course.

**Survey of Course Attendants: Skills Before and After Course Implementation**



### Our Impact

We have noticed an increased importance in the delivery of the EMS and how it can save lives.

The realization of the role of the paramedic in the community and healthcare system has now been highlighted. People in the communities have understood the importance of training paramedics and the impact they have in saving lives if trained correctly.

India does not have a paramedic council hence national paramedic programs do not exist, this was the biggest issue that we faced and creation of the council was suggested to the Ministry of Health.

This is the beginning of a greater challenge to improve the EMS of India. Long term follow will be required to see the wider impact of these changes.

### Lessons for Future

In the near future India will be the most populous country. The implementation of these courses is moving healthcare in the right direction but major work still needs to be done to cope, sustain and further advance the Indian EMS.



**GHA providing different Paramedic teaching sessions across India**

