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## Oral Presentation

### Technical Accident Reconstruction-What Can be Learned to Improve Medical Treatment in Trauma Patients

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#### **Abstract**

Annually, more than 1 million people were killed in road traffic accidents worldwide every year and an uncounted number were severely injured. In 2012 fatal injuries caused by road traffic accidents are under the top ten lists of causes of death in the world. It's expected that in the near future road traffic accidents become one of the main causes of death in the world. Most of these fatal injuries in road traffic accidents are avoidable and prevention is needed. To prevent severe traffic accidents a multidisciplinary approach is needed. The Ministry of transportation, road planners, police services, school teachers, employees of driving schools, rescue organizations and medical experts have to work together to find solutions to decrease the numbers of accidents. To identify the most effective solutions to reduce fatal accidents in every single country good statistics, proper demographic data and traffic accident research is needed to understand the specific circumstances in each region of the world. Technical reconstruction of severe accidents can help to understand the cause of accidents but it's a cost-intensive and time-consuming method to get information about road traffic accidents. For technical reconstruction of road traffic accidents specific trained and equipped teams are essential and in general the number of investigated cases are limited. In recent decades these well documented data of traffic accident researcher teams in the UK, Germany etc. could help to improve road safety and to develop prevention strategies to decrease the number of fatal injuries in the world. Technical reconstruction of road traffic accidents is a very effective way to prevent fatal injuries.

**Keywords:** Fatal Injuries, Statistics, Traffic Accident Research, Technical Reconstruction, Prevention.

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