

## عنوان مقاله:

Challenges of Education in Prevention of Road Traffic Crashes

## محل انتشار:

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## خلاصه مقاله:

Dear Editor, Education is a complex issue and there is a need to consider a several factors to provide an effective training program. Regarding the issue of road traffic crashes, there are some contradictory findings about the efficacy of education, which may cause mistrust among professional circles and experts. Some scientists believe that most of the training programs do not necessarily cover all aspects of crashes and only address some of the concerns. Road traffic crashes are a multidimensional issue and can be influenced by various political, economic, social and cultural factors, and thus the efficacy of an education program can be reduced. The low efficiency of educational programs can have several reasons, which are mentioned below:

1. Non-use of Specific Educational Theory The efficacy of some educational interventions poses a serious challenge for researchers. A simple search in scientific databases will result in various studies aiming to offer educational programs for different road users about the road traffic safety. These educational programs are sometimes designed and implemented without sufficient scientific evidence or without relying on specific educational theory. Some researchers believe that designing an educational intervention without considering the guiding theory in education is like prescribing a medication to a patient regardless of his/her physiology. The use of educational theories entails identifying the audience properly, presenting the educational content in an appropriate manner, and evaluating its feedback. It also helps audiences to gain a better understanding about the safety in relation to their own behavior as road users.
2. Non-use of Various Methods for Providing the Educational Content Some educational interventions are based on learning context-dependent methods. However, learning context-dependent methods is not easily generalized among the target group. This type of educational delivery method is not adequately effective for some age groups, including children. Adopting various training methods tailored to the content and target groups such as role-playing, as well as using animation, cartoons, computer games, simulators, virtual reality technologies and augmented reality in training of traffic safety can increase the efficacy of such educational methods.
3. Insufficient Attention to the Causation Network of Traffic Crashes Some believe that educational programs only emphasize on one topic, and generally fail to take into account the effect of other ... interventions. On the other hand, the designed educ

## کلمات کلیدی:

Road Traffic Crash, education, challenge

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