Important Considerations in a Systematic Review of Maxillofacial Fractures Pattern

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Dear Editor

Dear editor, I read with great interest the article by “Sadeghi et al”(1). Great effort was undertaken to systematically review the literature and determine patterns of maxillofacial fractures. In this regard, there are several points to address.

The pattern of oral and maxillofacial fractures vary by geographical region, time period, etiology etc. The assessment of these variables aim to reveal the integrated and analytic results (2).

Rural and urban areas demonstrate different etiology and patterns. Rural areas with low socioeconomic status also use a variety of vehicles such as bikes motorcycles cars buses etc. which may affect fracture patterns. Also, we must consider that road quality and road safety are vary in developed countries and developing countries. Differences are also seen in rural and urban areas in variables such as the observance of traffic lights, signs, and signals.

Also, laws and regulations are different for each country (state) and time period. For example, in Iran, traffic laws relating to seatbelts and helmets were enforced in two phases in 1998 and 2005 (3,4).

Studying etiology and patterns of maxillomandibular fractures before and after these regulations may present debatable results and may play a role in the reduction of injuries and be a great help for policymakers.

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References


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