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A Preliminary Study on the Craniofacial Injuries in Motorcyclists

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ABSTRACT

The purpose of this study was to better understand the locations, types, and severities of craniofacial injuries sustained by riders of motorbikes in Taiwan. One hundred seventeen unhelmeted cases were collected from two major medical centers in northern Taiwan. Eyebrows were used as the demarcation to divide the head into cranial and facial regions. The severity of brain damage was assessed by Glasgow Coma Scale. The incidences of cranial and facial injuries were 70 and 77%, respectively. Lacerations occurred in 57% of all cases, while abrasions occurred in 47%. Although facial injuries usually resulted in mild brain injuries, severe cases did occur. Furthermore, face is important from obvious cosmetic considerations. Therefore, it appears that motorcyclist's face needs to be well protected.

Key words: Helmet, Clinical Case, Statistics.