

## The Prevention of Dental Athletic Injuries.



### Brett Dorney

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Australian Dental Association  
Sports Medicine Australia  
Sports Doctors Australia  
International Academy for Sports Dentistry  
International Association of Dental Trauma  
World Dental Federation (FDI)  
Standards Australia / New Zealand  
Official Appointments

Dentistry has resulted in the caries rate declining considerably, however at the same time there has been a significant rise in traumatic Dental injuries.

At least 1/3rd of these injuries result from participation in sports such as Rugby, Soccer, Boxing, Wrestling and "Stick Sports".

The appearance of broken or lost anterior teeth is not an acceptable outcome of sporting participation. Even though great advances have been made in the treatment of Dental injuries, this has not been accompanied by research into the cause and prevention of such injuries.

Dr.Dorney's lecture will look at the factors which make certain sports and some individuals more prone to Dental injuries.

The mouthguard literature will be reviewed and the results of a 6 year survey on Dental injury patterns in Sydney, Australia presented.

The results of a combined Australian Dental Association, Standards Australia, initiative detailing, "The use, construction and maintenance of custom built mouthguards", will be discussed. 4 mouthguard designs to cover the needs of sportspeople will be shown.

The treatment of traumatic Dental injuries will be briefly investigated, particularly the treatment of avulsed teeth and the re-attachment of enamel-dentine fragments.