

Supplemental Table Mobile head-related injury intensity biomarkers

Therapeutic Area	Technology	Position of device	Epochs	Study design	Type of clinical study	Other mobile outcomes	Other standard outcome assessment	Use of mobile outcomes	Objectives	Source
Neurology (Head impacts)	Inertial sensor (X2Biosystems Mouthguard)	Head (Fitted in the mouth)	1000 Hz	Observational (Cohort study)	Epidemiological	NA	NA	Primary endpoint	To quantify head impacts via instrumented mouthguard acceleration analyses for amateur rugby union players over a premier season of matches in New Zealand.	King 2015 [1]

References

1. King D, Hume PA, Brughelli M, Gissane C. Instrumented mouthguard acceleration analyses for head impacts in amateur rugby union players over a season of matches. The American journal of sports medicine. 2015;43(3):614-24. Epub 2014/12/24. doi: 10.1177/0363546514560876. PubMed PMID: 25535096.