

Appendix Table A1: Google news searches, Club and tournament specific

Tournament specific searches	Club Specific Searches				
Rugby World Cup	Leinster	Agen	Saracens	Blues	New Zealand
6 Nations	Munster	Bordeaux Begles	Exeter	Brumbies	Australia
Rugby Championship	Connacht	Brive	Northampton	Bulls	South Africa
Pro 12	Ulster	Castres	Leicester Tigers	Cheetahs	England
Top 14	Cardiff Blues	Clermot	Bath	Chiefs	Ireland
Aviva English Premiership	Newport Gwent Dragons	Grenoble	Worcester	Crusaders	Scotland
Super Rugby	Llanelli Scarlets	La Rochelle	Harlequins	Western Force	Wales
	Ospreys	Montpellier	Sale	Highlanders	France
	Edinburgh	Racing Metro	Wasps	Hurricanes	Italy
	Glasgow Warriors	Toulon	Gloucester	Lions	Japan
	Zebre	Pau	London Irish	Rebels	Samoa
	Treviso	Stade Francais	Newcastle	Reds	tonga
		Toulouse		Sharks	Fiji
		Oyonnax		Stormers	USA
				Waratahs	Canada
					Argentina
					Uruguay
					Romania
					Georgia
					Namibia

Appendix Table A2: Video analysis questionnaire used to describe shoulder dislocation/
instability injury circumstances

Game specific variables		Injury Specific Variables	
Injured Shoulder		Injury Mechanism	Try Scorer Tackler Direct Contact Other:
Position			
Ball possession	Yes No		
Time in Match		Direction travelling	Attacking try line Own try line Across field
Pitch Location	Defensive third Offensive third Midfield third	Body Position	Prone Up Right On side
Game Situation	Tackler Tackled Open Play Set Piece	Arm at initiation of injury	Flexion Extension Neutral Abduction Adduction Neutral External rotation Internal rotation Neutral
Type of Play	Tackle Open Play Scrum Ruck Foul Play	How did arm move during injury	Flexion Extension Neither Abduction Adduction Neither External rotation Internal rotation Neither
		Direction of force	Superior Inferior Neither Anterior Posterior Neither Medial (compressive) Lateral (wrenching) Neither

Appendix Table A3. Rugby-specific variables recorded for 39 shoulder dislocation cases

analysed using systematic video analysis

Case	Ball carrier	Field location	Tackler/tackle/open play/ set piece	Contest type	Position	Time in match	Injured shoulder
Tackler							
#1	No	Defensive third	Tackler	Tackle	Forward	1-20	Left
#2	No	Midfield zone	Tackler	Tackle	Forward	21-40	Right
#3	No	Midfield zone	Tackler	Foul play	Back	61-80	Right
#4	Yes	Defensive third	Open play	Open play	Back	61-80	Right
#5	No	Defensive third	Tackler	Tackle	Forward	1-20	Right
#6	No	Defensive third	Tackler	Tackle	Back	61-80	Right
#7	No	Defensive third	Tackler	Tackle	Forward	41-60	Left
#8	No	Midfield zone	Tackler	Tackle	Back	41-60	Left
#9	No	Defensive third	Tackler	Tackle	Forward	61-80	Right
Diving tackler/ Try scorer							
#10	No	Defensive third	Open play	Open play	Back	21-40	Left
#11	No	Defensive third	Open play	Open play	Forward	21-40	Left
#12	No	Midfield zone	Tackler	Tackle	Back	1-20	Left
#13	No	Midfield zone	Tackler	Tackle	Back	61-80	Right
#14	No	Defensive third	Tackler	Tackle	Forward	61-80	Left
#15	Yes	Defensive third	Tackled	Tackle	Back	21-40	Left
#16	No	Midfield zone	Open play	Open play	Forward	41-60	Left
#17	No	Midfield zone	Tackler	Tackle	Back	61-80	Left
#18	No	Midfield zone	Tackler	Tackle	Back	21-40	Left
Direct Contact							
#19	Yes	Midfield zone	Tackled	Tackle	Back	1-20	Right
#20	Yes	Midfield zone	Tackled	Tackle	Back	21-40	Right
#21	No	Midfield zone	Open play	Open play	Back	61-80	Right
#22	Yes	Midfield zone	Tackled	Tackle	Back	1-20	Left
#23	No	Defensive third	Open play	Open play	Forward	21-40	Left
#24	No	Midfield zone	Tackler	Tackle	Back	21-40	Left
#25	No	Defensive third	Tackler	Tackle	Forward	41-60	Left
#26	No	Midfield zone	Open play	Rucking	Back	41-60	Right
Poach position							
#27	No	Offensive third	Open play	Rucking	Back	61-80	Right
#28	No	Offensive third	Open play	Rucking	Forward	41-60	Left
#29	No	Offensive third	Open play	Rucking	Forward	1-20	Left
#30	No	Midfield zone	Open play	Rucking	Back	21-40	Left
#31	No	Midfield zone	Open play	Rucking	Forward	1-20	Left
#32	No	Midfield zone	Open play	Rucking	Forward	61-80	Right
#33	No	Midfield zone	Open play	Rucking	Forward	61-80	Right
Other							
#34	No	Offensive third	Set piece	Scrum	Forward	21-40	Left
#35	No	Midfield zone	Open play	Rucking	Forward	61-80	Right
#36	No	Defensive third	Open play	Rucking	Forward	21-40	Right
#37	No	Offensive third	Set piece	Scrum	Forward	61-80	Left
#38	Yes	Midfield zone	Tackled	Tackle	Forward	41-60	Left
#39	No	Midfield zone	Set piece	Scrum	Forward	61-80	Left