

Selection Criteria	Concepts									
	A	B	C	D	E	F	G	H	I	G
	Helmet with 3 colored LEDs on exterior for indicating a threshold of g's felt	Helmet with siren set to trigger when a set threshold of g's felt is broken	Liquid cushion pad lining inside helmet that burst upon potential concussion inducing impacts	Sensors embedded in crown of helmet padding that send data to external carrier + display	Multiple sensors to cover the interior sides of a helmet for more accurate readings	Mouthguard with sensors embedded towards the molars and external data collector + display	Headband with wearable accelerometer stitched in and external data collector + display	Ear clip that vibrates, lights up, or notifies the player audibly	Bracelet that vibrates, lights up, or notifies the player audibly	Sensors and processor inside an enclosure mounted on the helmet exterior
Cost		-	-	-	-	-	-	+	+	-
Weight	D	-	-	-	-	-	+	-	-	-
Operating Power		+	+	-	-	-	-	-	-	-
Ease of Implementation	A	0	-	-	-	-	-	-	-	-
Durability		-	-	+	+	-	+	+	-	-
Accuracy	T	-	-	+	+	+	+	0	0	+
Ease of Use/Maintenance Required		0	-	+	+	+	+	0	0	-
Data Presentation	U	-	-	+	+	+	+	0	0	+
Safety		-	-	+	+	+	+	0	+	-
Can Be Finished In MSD 2	M	0	0	0	-	-	0	0	0	0
Comfortability		-	-	-	-	0	-	-	-	-
Sum + 's		1	1	5	5	4	6	2	2	2
Sum 0's		3	0	1	0	1	1	5	4	1
Sum -'s		7	9	5	6	6	4	4	5	8
Net Score		-6	-8	0	-1	-2	2	-2	-3	-6
Rank		6	7	2	3	4	1	4	5	6
Continue?		No	No	Yes	No	No	No	No	No	No