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Imagine you could see, think and act quicker than the opposition whatever your sport.
Well, that's what OKKULO can do for you.

Our specialist training technology and environment use light science to override the biological process of the brain and adapt the athlete's visual system to improve their perception and reaction. When training in the changing light levels of the system an athlete's visual processing of information accelerates.
When performing back in normal light levels the athlete finds that a recalibration of the brain has taken place and that the improved visual processing continues, allowing them to consistently perform better.

In other words, we speed up the athlete and slow down their sport.

OKKULO technology is revolutionising training for teams and individual athletes, improving performance by as much as 64%



An OKKULO case study.

Great Britain Baseball

An OKKULO case study with athletes from the elite level of British baseball.

	Attack Angle - Before OKKULO	Attack Angle - After OKKULO Intervention	Time To Contact - Before OKKULO (Visual Confidence)	Time To Contact - After OKKULO Intervention	Power Generated - Before OKKULO	Power Generated - After OKKULO Intervention	Comments
Case Study 2 SWING COMPARISON Based on 30 swings before and after OKKULO intervention	0.045 Average	7.81 Average	0.15 Seconds Average	0.16 Seconds Average	2.23 KW Average Generated	3.00 KW Average Generated	More efficient **attack angle** More **visual confidence** More **power generated** **This was over single days session**

	Batting Average - Before OKKULO	Batting Average - After OKKULO intervention (7 weeks)	Projected Performance	Comments
Case Study 1 BATTING AVERAGE	0.074 (2 -28)	0.322 (24 - 75)	0.354	Raised batting average by 0.246 points in 7 weeks training between 2020 season and 2021 season

	Batting Average - Before OKKULO	Batting Average - After OKKULO intervention (7 weeks)	Projected Performance	Comments
Case Study 3 U15 JUNIOR TRAINING	N/A (Rookie)	0.413 (26-63)	0.454	Finished top 6 in adult league batting average as a 15 year old rookie Only struck out 8.57% of plate appearances
K's Per Plate Appearances	N/A (Rookie)	(6-70)		
Strike Out Percentage	N/A (Rookie)	8.57%		

Case Studies

- Raised batting average by 0.246 points in one season*
  - 0.074 BAin 2020 (2 - 28)
  - 0.320 BA in 2021 (24 - 75)
- Finished top six in league batting average as a 15 year old rookie*
  - 0.413 BA (26 - 63)
  - Only struck out 8.57% of plate appearances (6 - 70)
- Two week swing comparison on blast motion sensor (based on 30 swings in normal lighting conditions before Okkulo intervention and 30 swings in normal lighting after only two training sessions in Okkulo lighting)
  - More efficient **attack angle** (Week 1 = 0.045 average - Week 2 = 7.81 average)
  - More visual confidence with increased **time to contact** (Week 1 = 0.15 seconds average - Week 2 = 0.16 seconds average)
  - More **power generated** (Week 1 = 2.23kw average generated - Week 2 = 3.00 kw average generated)

* stats and competition metrics from the British Baseball first league

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