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FIFA® MEDICAL CENTRE
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In the findings and evaluations of the pre-season examinations of professional football athletes in Iran, (performed at the Iran Football Medical Assessment and Research Center (IFMARC)), a team of experts in the field of Neuroscience and Psychology carried out mapping of the brains of the athletes to diagnose conditions including and associated with lack of concentration, lack of attention, anxiety, etcetera.

The brain map of each player was analyzed individually; and the recovery and treatment protocol for each participant was subsequently determined separately.

In the next stage of the study, 153 participants whom were positively diagnosed with lack of concentration and attention during games were treated with 10 consecutive sessions with the Beta One device. ☒A Placebo group of participants with similar diagnoses were also treated with 10 sessions using a placebo device similar to that of Beta One.

Findings: Upon the completion of the 10 sessions of treatment with Beta One, in addition to the participants, as well as the coaches expressing their satisfaction, the brain maps of the players showed significant positive changes in the left dorsolateral prefrontal cortex (LDLPFC)

There were no observable changes reported in the brain maps of the placebo group. \

Final Conclusion:

It was conspicuous that the use of the Beta One device to carry out treatments for lack of attention and concentration of professional athletes resulted in improvement and enhancement of their cognitive skills during games.



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