

LARBI BEN M'HIDI UNIVRSITY



Introduction to the field of science and techniques of physical and sports activities

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Training load

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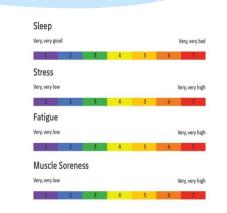
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Training load

Represents the positive controlled and controlled effect of the content of training or competition on the functional and organic organs of the athlete's body









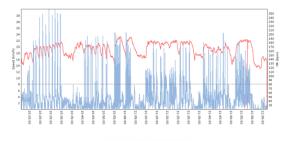




Internal load

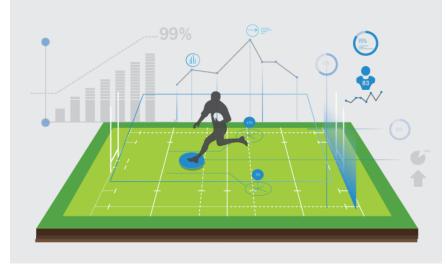
It is the physiological and psychological response with the mechanical requirements of the external load







External load



Represented in the responses of the musculoskeletal system to the real requirements of the competition and the contents of the training

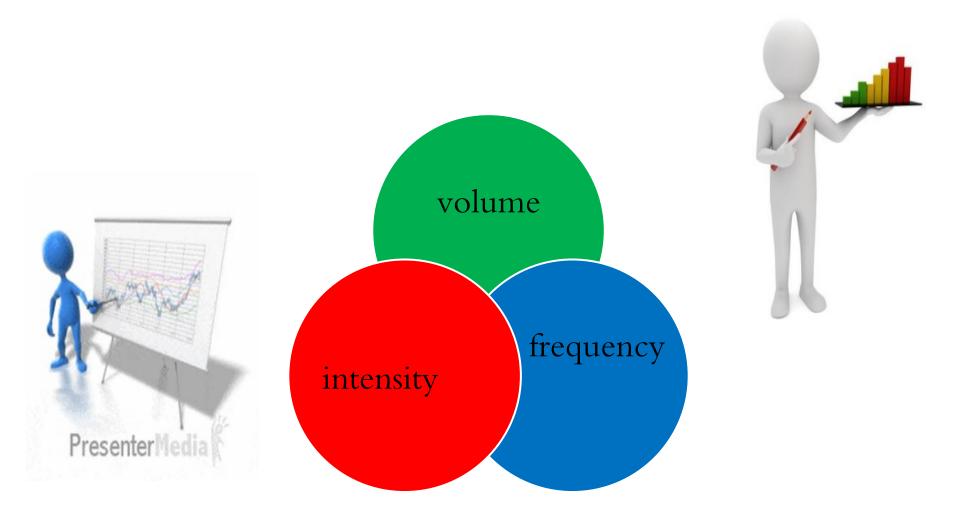
Competition load



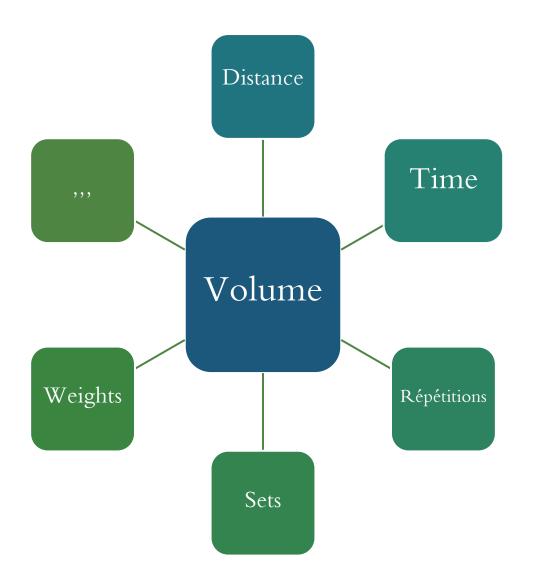
It is represented in both the psychological and mental pressure imposed on the athlete as a result of the intensity of the competition or the increase in the degree of difficulty Reaching the ideal form
Stay away from improvisation in training
Avoid sports injuries
Moving to the principle of individual work
Enhance communication between physical
Trainer and athlete

Why should the training load be evaluated?

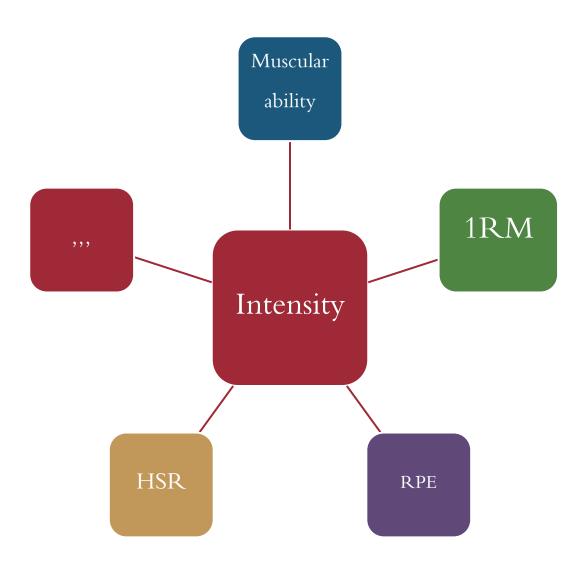
Training load is the product of intensity ×volume×frequency



Volume indicators



Intensity indicators



Frequency is the distribution of explosive movements through time and its relationship to recovery

Number of explosive movements/time

