

DAMPING - COMFORT - EFFICIENCY

Dynamic analysis of walking

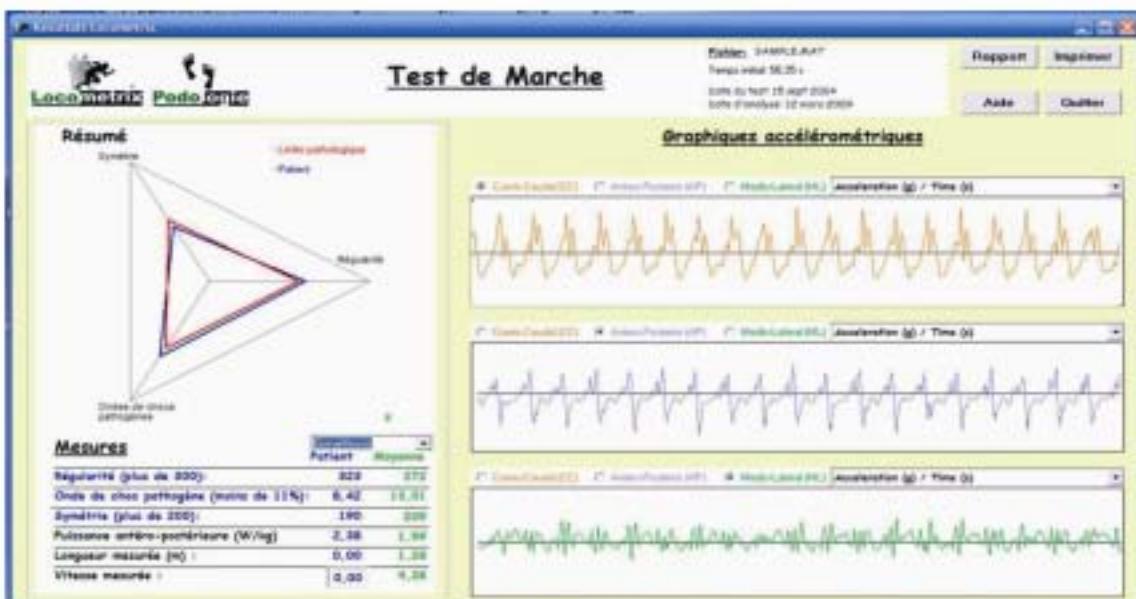
For the first time, podiatrists benefit from the measurements of the shock waves and of the strides regularity to evaluate respectively the damping of the soles and the comfort of walking.



The sensor, placed at the waist, measures accurately the biomechanical characteristics of the walk, on a treadmill or on the ground. The Locometrix® Podiatry software calculates dynamic parameters of walking, which are interpreted to assess automatically and in a few minutes:

- The comfort of the walk
- The damping of the soles
- The propulsion power

Results example



Technical specification



Sensor-recorder for the walk and the run. Maximum duration of recording of 7 hours and 45 minutes, frequency 100Hz, 3 axes, 6 g sensitivity, data transfer via USB.

Dynamic parameters measured:

- high frequency shock waves
- regularity of the strides
- balance of loading of the two limbs
- stride length
- antero-posterior power

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