



*Medical device for
Quantified and Visual Gait analysis*



CE 0123



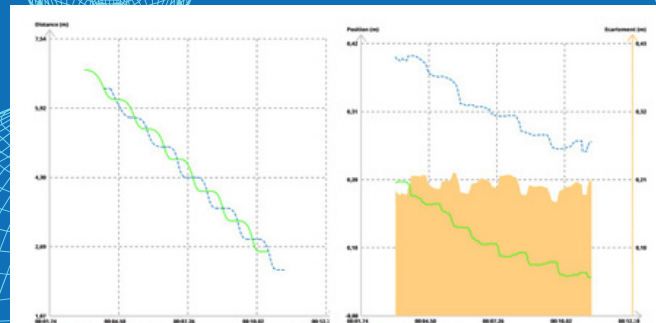
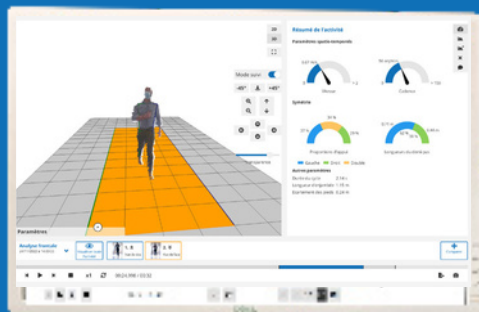
EKINNOX
Moving Forward



Winner of the innovation contest



KinTrack
Powered by EKINNOX™



STEP LENGTH / STEP WIDTH CURVES

PRESENTATION

KinTrack is a class IIa medical device (according to the European regulation 2017/745) dedicated to gait analysis for medical staff in physical rehabilitation.

Using a single camera, our solution provides a powerful visual analysis platform thanks to 2D and 3D videos. It measures the spatiotemporal gait parameters, and provides a kinematic analysis of the lower limb (hip and knee).

This product is stemming from four years of research in Inria, the French National Institute for computer science and applied mathematics. The first results were published in Gait & Posture journal*.

KinTrack has been used for more than

**500
patients.**

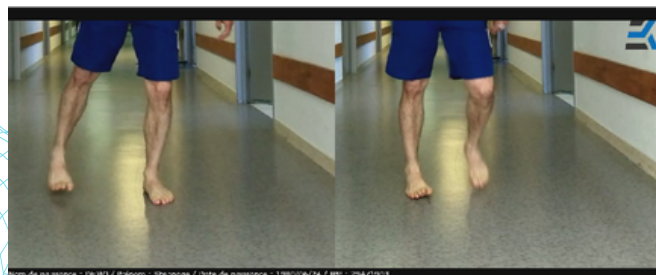
*Accuracy and reliability of the RGB-D camera for measuring walking speed on a treadmill, Fosty et al., Gait and Posture 48(2016), 113-119



ADVANTAGES

- Plug and play, **without any**
- **preparation** Results available
- **instantaneously**

No specific technical expertise
needed



BENEFITS

FOR THE MEDICAL STAFF

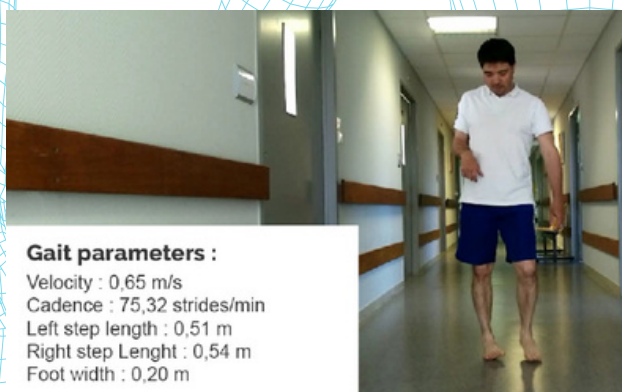
- Save time
- Objectivity
- Improve communication with your patients and peers

FOR THE REHAB CENTER

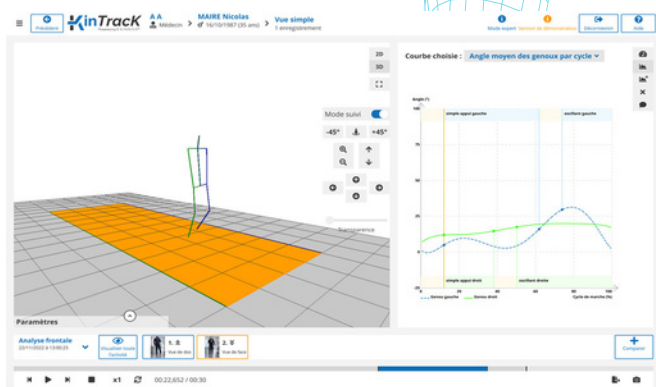
- KinTrack is acknowledged by public health authorities*

FOR THE PATIENTS

- Better understanding of their physical performance
- 70% of the patients are more involved in their rehabilitation



SPATIOTEMPORAL GAIT PARAMETERS



KINEMATIC ANALYSIS



DEMONSTRATION ON :
WWW.EKINNOX.COM

SPECIFICATIONS

SPATIOTEMPORAL GAIT PARAMETERS

- Speed and cadence
- Step length / step width
- Stance/swing phases

KINEMATIC ANALYSIS

- Knee and hip

VIDEO FUNCTIONALITIES

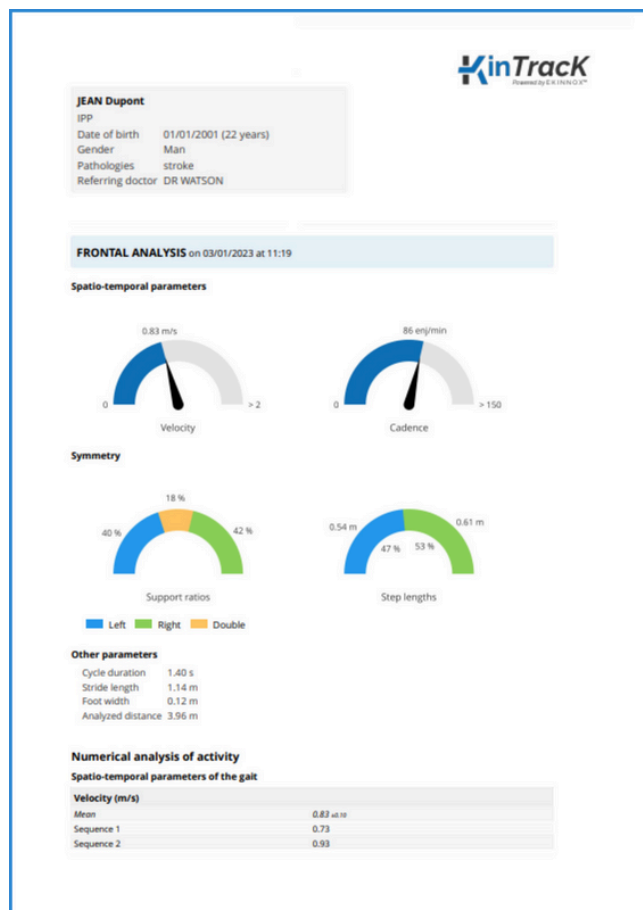
- Frame by frame display
- Side by side comparison
- Automatic zoom
- 2D / 3D viewer

FUNCTIONAL EVALUATION

- Timed Up and Go
- Tinetti

AUTOMATED ANALYSIS REPORT

- Easy access and export of videos, results and analysis reports



PDF Reports



CONTACT

1360, route des Dolines,
 Les Cardoulines - B3
 06560 VALBONNE -
 SOPHIA ANTIPOLIS

NICOLAS MAIRE
 nicolas.maire@ekinnox.com

+33 (0)6.67.47.58.01

www.ekinnox.com

@ekinnoxofficiel

<https://twitter.com/ekinnox>

www.linkedin.com/company/ekinnox
facebook.com/Ekinnox.MovingForward/