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(54) Title: GAIT ANALYSIS SYSTEM

(57) Abstract: A gait analysis system is disclosed. Some implementations of the gait analysis system include instrumented footwear including mobile sensors, a processor, a computer-readable data storage device storing program instructions. The program instructions can control the system to perform operations, including, determining gait information of a user performing a test routine, using the instrumented footwear. The operations can also include determining gait parameters based on the gait information. The operations can also include determining gait symmetry of the user based on the gait parameters. The operations can also include determining a gait signature of the user based on the gait parameters. The operations can also include determining a treatment effect based on the gait signature.



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