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Using Computational support in motor ability analysis of individuals with Down syndrome: literature review

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Highlights

- First systematic review in the area of computational support for posture and movement analysis applied to individuals with Down syndrome;
- Identifies the main current computational techniques that support the motor analysis and suggests others that have the potential to improve such analysis;
- Lists the main devices that are currently used to data capture, stressing the lack in other modern devices that were not explored yet;
- Discusses how the computational techniques are applied and which movement problems they intend to characterize;
- Gives several insights for research directions and opportunities to advance the state of the art in such domain.

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