

# Posture analysis

A [posture analysis](#) can determine whether a person has any postural deviations, imbalances, muscle weaknesses, or any other faults in their movement patterns that could be causing pain or discomfort.

A computer vision-based [posture analysis](#) system can be utilized as a safe, efficient, and convenient CDSS for early diagnosis of [Spinal Deformity](#), including [scoliosis](#) <sup>1)</sup>

<sup>1)</sup>

Kim KH, Sohn MJ, Park CG. Conformity assessment of a computer vision-based posture analysis system for the screening of postural deformation. BMC Musculoskelet Disord. 2022 Aug 22;23(1):799. doi: 10.1186/s12891-022-05742-7. PMID: 35996105.

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