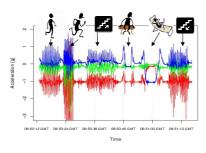
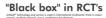


Mobile accelerometry - actibelt®

• Pattern of the acceleration signal near the body's COM while performing different activities



• Towards the standardization of a gait and balance quality assessment tool using mobile accelerometry.





Backward-forward axis
Left-right axis
Up-down axis



TOWARD A BIOBANK IN UK BLOOD DONORS













ACCELEROMICS MEETS GENOMICS — Physical activity and genes for personalized medicine

Results from an international expert panel meeting – Schloss Höhenried, Oct. 2010

 "Mobile accelerometry has great potential for improving human health by contributing to the diagnosis of gait and balance disorders in daily life and clinical practice, improving outcome measures in chronic disabling diseases as well as a tool for prescribing and monitoring exercise therapy."

