

Face tracking training in children with severe motor impairment: case report

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ABSTRACT

The present article reports an interactive training experience in a child with tetraplegia using a face tracking system. Classic assessment scales and specific interactive tasks were used to evaluate and carry on the treatment based on a multimodal approach. The training was aimed to improve lateral head rotation and oral motor ability with a specific interactive patch connected to head and face movements. Then, further trajectories and Pc-control by means of face movement were evaluated. From a descriptive point of view, the system has proven to be a great tool to help subjects with severe motor impairment by empowering their residual functional movements.

Full papers will be published in the Conference Proceedings and will be freely available to delegates at the conference and online on September 20, 2016.