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Do a humanoid robot and music increase the motivation to perform physical activity? A quasi-experimental cohort in typical developing children and preliminary findings in hospitalized children in neutropenia

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Highlights

- Music and a robot can increase children's motivation to participate in exercises
- Effects were found in children with and without an oncological disorder
- Children under 6 years prefer interaction with a human over the robot
- Boys were less motivated in performing exercises with a therapist than girls

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