## ORAL: THE COMBINATION OF THREE MOVEMENT BEHAVIOURS IS ASSOCIATED WITH OBJECT CONTROL SKILLS, BUT NOT WITH LOCOMOTOR SKILLS IN PRESCHOOLERS

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Objective: This study analyzed the association between combined adherence to 24-hour movement behaviours and fundamental movement skills in preschoolers. Methods: A sample of 270 preschoolers (3.97 years-old; 132 boys) provided fundamental movement skills measures (TGMD-2) and objective physical activity (PA) data (Actigraph wGT3X). Sleep duration and screen time were parent-reported. Preschoolers were classified as compliant/non-compliant with the 24-hour movement guidelines. Relationships between compliance with movement behaviours guidelines and locomotor and object control skills were calculated using a structural equation model analysis (Mplus 8.0). Results: Positive and significant associations were seen between adherence to PA + screen time + sleep with object control skills ( $\beta = 0.28$ ; p = 0.014), and between adherence to screen time + sleep with locomotion skills ( $\beta = 0.22$ ; p=.027). Negative and significant associations were found between adherence to screen time + sleep and object control skills ( $\beta = 0.28$ ; p=0.007). The 24-hour movement behavior variables explained locomotion and object control skills variability in 5% and 7%, respectively. Implications: This study emphasizes the importance of complying with combined movement behaviors recommendations to adequately develop fundamental movement skills in preschoolers.