

What inertial measurement units (IMUs) can tell us about the physical activity of children with CP and how it can be used for clinical purposes.

När: Onsdagen den 11 december, klockan 12:00 – 13:00

Föreläsare: Mohammed Sobuh, PhD, ortopedingenjör,
Universitetslektor vid Avdelningen för rehabilitering, Hälsö högskolan,
Jönköping

Children with disability, including CP children, are at higher risk of developing secondary diseases due to their low level of physical activity. Clinically, an insight into the physical behavior of these children in everyday life can contribute to a better understanding of the impact of the condition on daily life and can inform the development of targeted interventions. Recent advancements in inertial measurement units (IMU) have allowed tracking user's physical activity safely at a low cost and without interfering with their privacy. However, the clinical use of such tools is still very limited perhaps due to the perceived complexity of implementation of these tools and doubts of the ability to interpret the obtained results in a way that informs the rehabilitation process.

Therefore, the purpose of this presentation is to demonstrate the actual use of an activity monitor to longitudinally capture the physical activity of CP children in Jordan and to present the data in a clinically meaningful way. The implications of the use of such tools on planning and follow-up interventions will be finally discussed.

Länk till webinariet – <https://lu-se.zoom.us/j/66745832606>

Kopiera gärna länken och lägg in i din tidbok – så att du enkelt hittar den på webinariedagen. Ingen anmälan behövs, utan du klickar in dig på mötet 5 minuter innan.

CPUP:s lunch-webbinarier erbjuds andra onsdagen i månaden, kl. 12-13, kommande; Januari v. 3 – Behandlingsvariationer för korsett och botulinumtoxinbehandling i Sverige. Resultat av enkätundersökning.

Gamla föreläsningar hittar du under; <https://cpup.se/cpup-webbinarier/>

Nyheter om kommande webinarier publiceras fortlöpande på CPUP:s hemsida. Anmäl dig till vårt nyhetsflöde, så får du våra nyhetsnotiser rykande färska i din mejlkorg!

Se hemsidan: Prenumerera på nyheter!

Välkomna!

Fredrik Bergljung, ansvarig för ortosformuläret CPUP

Vid frågor: katina.pettersson@regionvastmanland.se