

Automated Measurement Program



Hylyght introduces the 'Automated Measurement Program' for federations and clubs. This innovative system combines advanced software and hardware, enabling continuous testing, with regular updates of new tests and the ability to add specific tests. With this, we provide tools for expertise centres to monitor and improve athletes at a level previously unattainable: **digital measurements mean you are less dependent on test leaders and data quality is higher.**

Hylyght Growth Tracker as a use case



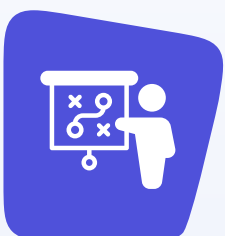
Measure

Monitor the growth of young athletes aged between 10 and 16 years by taking accurate height and weight measurements every 1-3 months.



Assess

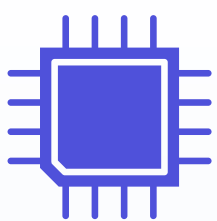
Gain immediate insights into the growth speed, maturity and biological age of young athletes, estimate predicted adult height and create reports specific to the sport.



Guide

Adjust training loads to reduce injury risk and use bio-banding to tailor training based on young athletes' physical maturity. Share these insights with coaches, athletes and parents to promote uniform understanding.
(e.g. guide players to positions on the field that match their expected adult height)

An automated Measurement Program can be customized,
these tests are currently available:



Hardware-based

- Height and weight with digital measurement
- Countermovement jump and other jump tests with Optojump Next or PlateMate



Video-based, with models trained on:

- Jumping sideways: motor coordination and lower limb speed
- Jump landing: Landing biomechanics (for injury prevention)
- Lateral step down: Hip and knee stability (for injury prevention)
- **Videos are not stored to ensure privacy**

Launching in Q4 2024: Hand-eye coordination, ...



Tailor-made tests to suit the specific needs of the sport.

Why Hylyght, why now?

- Leverage our 10 years of experience, with data scientists on the team
- Over 10 years of close collaboration with industry experts and universities to continuously improve our tests and technologies.
- Early Bird discount + pilot option
- Access to over 450 valid, reliable and standardised tests
- More than 100,000 athletes tested yearly, on a scalable platform

With Hylyght, you can take your clubs and federations to the next level with advanced technology and data-driven insights.

MORE INFO:

Growth tracker: <https://hylyght.com/solutions/growth-tracker>
Digital measurement track: <https://hylyght.com/hylyght-test-track-1-0>