INTERGROWTH-21st Newborn Size Application Tool

New INTERGROWTH-21st tool for calculating centiles and z-scores for weight, length and head circumference at birth, available for download

(please read the details below and the installation instructions before use).

Following the publication in the Lancet of the INTERGROWTH-21st Newborn Size Standards and the Very Preterm Size at Birth References (both for gestational age and sex), the INTERGROWTH-21st Consortium has developed an easy-to-use tool that enables weight, length and head circumference at birth to be classified according to these international standards (33-42 weeks' gestation) and references (24-32+6 weeks' gestation).

The application allows data to be entered manually so that the size of individual newborns can be compared to, and plotted graphically against, the international standards and references (as shown below).

In addition, large datasets can be imported directly into the application, which then calculates the respective centiles and z-scores based on the INTERGROWTH-21st standards and references. The results can be exported for further analysis.

An online, browser only version is also available via the link to the right along with downloadable applications that work offline for Windows and Apple IOS operating systems.

Access the INTERGROWTH-21st tool browser version

Download the INTERGROWTH-21st tool for Windows

Download the INTERGROWTH-21st tool for Mac

Download installation user guide

For any technical support or to provide feedback and comment please contact: intergrowth21@tghn.org.