

Program	Version	Country/Special	Doc ver	Written by	Date
Growth Chart Component	2.0	US	2	Xue Shen	18/10/2012
Specification					Page
List of functions included in the Growth Chart Component					1/3

Purpose

This document lists all the functionalities included in the Growth Chart Component 2.0.

<p>GROWTH CHARTS INCLUDED (All charts have one layout for boys and one for girls, except the Turner charts that are only for girls)</p>
<p>Group Individual:</p> <ul style="list-style-type: none"> -Length 0-2 years (WHO) -Weight 0-2 years (WHO) -Head circumference 0-2 years (WHO) -Weight for length 0-2 years (WHO) -Stature 2-20 years -Weight 2-20 years -BMI 2-20 years
<p>Group Clinical:</p> <ul style="list-style-type: none"> -Length and weight 0-2 years (WHO) -Head circumference and weight for length 0-2 years (WHO) -Weight and Stature 2-20 years -Weight for stature -BMI 2-20 years
<p>Group WIC:</p> <ul style="list-style-type: none"> -Length and weight 0-2 years (WHO) -Head circumference and weight for length 0-2 years (WHO) -Stature and weight 2-5 years -BMI 2-5 years
<p>Group 0-36 months</p> <ul style="list-style-type: none"> -Length 0-3 years -Weight 0-3 years -Head circumference 0-3 years -Weight for length 0-3 years -Length and weight 0-3 years WIC -Head circ. and weight for length 0-3 years WIC -Length and weight 0-3 years -Head circ. and weight for length 0-3 years
<p>Group Measurement:</p> <ul style="list-style-type: none"> -Height -Weight -Head circ. -Sitting height -Arm span -Foot length -Waist circ.
<p>Group Calculated:</p> <ul style="list-style-type: none"> -Leg length -Height velocity -Sitting height velocity -Leg length velocity -Rel. sitting height -BMI -IOTF BMI

<p>Group Lists: -Visit list -SDS list -Percentile list</p>
<p>Group Premature: -22-44 weeks -22-52 weeks</p>
<p>Group Turner syndrome charts: -Height and weight 0-2 years -Height and weight 2-5 years -Height and weight 2-20 years -Weight for length 0-2 years -BMI 0-18 years -Height velocity 0-18 years</p>
<p>Group Down syndrome charts: -Height and weight 0-2 years -Height and weight 2-5 years -Height and weight 2-20 years -Head circ. 0-5 years</p>
<p>CHART FEATURES</p>
<p>All charts are printable</p>
<p>Entire page listings will automatically overflow to generate more pages if data do not fit the desired page</p>
<p>Copy chart to clipboard: to paste the chart image in another application such as e.g. Word, Power Point etc.</p>
<p>Display setting: - Chart language (English, Spanish & French) - Plot Today line - Draw line between measurements - Make chart anonymous - Hide patient data - Show corrected age curve for premature children (GA <37 weeks) - Show bone age - Show pubertal section - Plot target height and parental heights - Show visits in descending order - Show visit table - Show Comments in visit table - Show shadow reference - Switch age range 0-1yr / 0-20 yrs - Switch reference type (percentile/SD)</p>
<p>Zoom capabilities: Page width Page height Free form Navigation Magnifier Coordinates</p>
<p>Save as: PDF JPEG GIF PNG BMP EMF</p>
<p>Graphics options</p>
<p>Display formats</p>

VARIABLES
<p>Variables entered once per patient:</p> <p>Local ID Birth date Gender First name Surname Gestational age, completed weeks Gestational age, additional days Birth weight Birth length Birth head circumference Mother's height Mother's weight Mother's head circumference Father's height Father's weight Father's head circumference Menarche date (for girls only)</p>
<p>Variables entered once per visit:</p> <p>Visit date Height Weight Head circumference Pubic hair (stage 1-5 according to Tanner) Breast (girls) or genital stage (boys) (stage 1-5 according to Tanner) Testicular volume left and right (for boys only) Evaluation method (self estimate or observed) Bone age in graph Bone age method in graph Additional comments Menarche (for girls only) Sitting height Arm span Foot length Waist line Height measure type</p>
CALCULATIONS
<p>Relation to statistical dispersion:</p> <p>Percentile Standard deviation score</p>
<p>Basic:</p> <p>BMI Leg length Relative sitting height</p>
<p>Age:</p> <p>Chronological age Gestational corrected age</p>
<p>Target height</p>
<p>Velocity:</p> <p>Height velocity Leg length velocity Sitting height velocity</p>