

Program	Version	Country/Special	Doc ver	Written by	Date
Growth Chart Component	1.0	DE	1	Xue Shen	2013-04-18
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 DE 1.0.

<p><b>GROWTH CHARTS INCLUDED</b> (All charts have one layout for boys and one for girls)</p>
<p>Group Norm: Height Weight 0-20 yrs Length Weight 0-2 yrs BMI 0-18 yrs Height velocity 0-20 yrs Head circ. 0-6 yrs Head circ. 0-20 yrs</p>
<p>Group Turk: Height Weight 0-20 yrs Length Weight 0-2 yrs BMI 0-18 yrs</p>
<p>Group WHO: Length 0-5 yrs Weight 0-5 yrs Head circ. 0-5 yrs BMI 0-5 yrs Weight for length 0-2 yrs Weight for length 2-5 yrs Height 5-19 yrs Weight 5-10 yrs BMI 5-19 yrs</p>
<p>Group Measurement: Height Weight Head circ. Sitting height Arm span Foot length Waist circ.</p>
<p>Group Calculated: Leg length Height velocity Sitting height velocity Leg length velocity Rel. sitting height BMI BMI (IOTF)</p>
<p>Group UTS (for girls only): Height 0-20 yrs Height velocity 0-20 yrs</p>

Group Down syndrome: Height and Weight 0-20 yrs Length and Weight 0-2 yrs
Group PWS: Height and Weight 0-20 yrs Length and Weight 0-2 yrs BMI 0-18 yrs
Group Noonan syndrome: Height
Group CRI (0-25): Height Height velocity
Group CRI (25-50): Height Height velocity
Group SRS: Height and Weight 0-20 yrs Head circ. 0-6 yrs
Group Premature: 22-44 weeks
Group Lists: Visit list Visit list (SDS) Visit list (Perc)
<b>CHART FEATURES</b>
All charts are printable
Entire page listings will automatically overflow to generate more pages if data do not fit the desired page
Copy chart to clipboard: to paste the chart image into another application such as Word, Power Point etc.
<b>Display setting:</b> 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 shadow reference Switch age range 0-1yr / 0-20 yrs Switch reference type (percentile/SD)
<b>Zoom capabilities:</b> Page width Page height Free form Navigation Magnifier Coordinates
<b>Save as:</b> PDF JPEG GIF PNG BMP EMF
Graphics options
Display formats

<b>VARIABLES</b>
<p><b>Variables entered once per patient:</b></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</p>
<p><b>Variables entered once per visit:</b></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</p>
<b>CALCULATIONS</b>
<p><b>Relation to statistical dispersion:</b></p> <p>Percentile            Standard deviation score</p>
<p><b>Basic:</b></p> <p>BMI            Leg length            Relative sitting height</p>
<p><b>Age:</b></p> <p>Chronological age            Gestational corrected age</p>
<p><b>Target height</b></p>
<p><b>Velocity:</b></p> <p>Height velocity            Leg length velocity            Sitting height velocity</p>