PC PAL

Program	Version	Country/Special	Doc ver	Written by	Date
Growth Chart Component	1.0	WHO	2	Xue Shen	2012-10-18
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 WHO 1.0.

GROWTH CHARTS INCLUDED
(All charts have one layout for boys and one for girls)

Group 0-2 years:
Length 0-6 months
Weight 0-6 months
Head circ. 0-13 weeks
Length 6 m-2 yrs
Weight 6 m-2 yrs
Length 0-2 yrs
Weight 0-2 yrs
BMI 0-2 yrs
Weight for Length 0-2 yrs

Group 2-5 years:
Height 2-5 yrs
Weight 2-5 yrs
BMI 2-5 yrs
Weight for Height 2-5 yrs

Group 0-5 years:
Height 0-5 yrs
Weight 0-5 yrs
Head circ. 0-5 yrs
BMI 0-5 yrs

Group 5-19 years:
Height 5-19 yrs
Weight 5-10 yrs
BMI 5-19 yrs

Group Measurement:
Height
Weight
Head circ.
Sitting height
Arm span
Foot length
Waist circ.

Group Calculated:
Leg length
Height velocity
Sitting height velocity
Leg length velocity
Rel. sitting height
BMI
BMI (IOTF)

Group Premature: 22-44 weeks

Group Lists: Visit list Visit list (SDS) Visit list (Perc)

CHART FEATURES

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.

Display setting:
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)

Zoom capabilities:
Page width
Page height
Free form
Navigation
Magnifier
Coordinates

Save as:
PDF
JPEG
GIF
PNG
BMP
EMF

Graphics options
Display formats

VARIABLES

Variables entered once per patient:
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

Variables entered once per visit:
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

CALCULATIONS

Relation to statistical dispersion:
Percentile
Standard deviation score

Basic:
BMI
Leg length
Relative sitting height

Age:
Chronological age
Gestational corrected age

Target height

Velocity:
Height velocity
Leg length velocity
Sitting height velocity