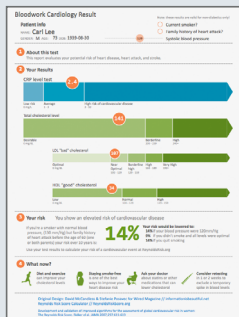
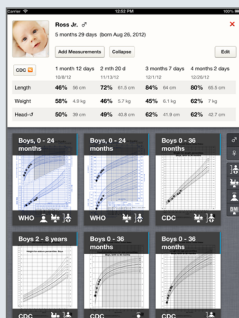




SMART (Substitutable Medical Applications & Reusable Technology) is creating an ecosystem in which EMRs can offer more value to their customers by drawing upon the vast reserve of innovative third-party design and development. SMART Apps, like the Pediatric Growth Chart 2.0 and those shown on the left, are substitutable additions to your EMR that can be swapped out until a customer finds the perfect fit. *Find out how your EMR can get SMART at smartplatforms.org.*



CARDIAC RISK APP



IOS CHART APP



BP CENTILES APP

A SMART Addition to Your EMR: Pediatric Growth Chart 2.0

User-centered and open-source, the SMART Pediatric Growth Chart 2.0 is a best-of-breed solution that came from a unique collaboration among SMART, FJORD™ service design consultancy, and clinicians. To find out how to make this SMART addition to your EMR, contact pgcpreview@smartplatforms.org

Holistic Overview

Inspired by paper pediatric growth charts, our clinical graph integrates length, weight, and head circumference or BMI graph in one view. Our clinical graph also adds a percentiles/Z score graph, gestational correction (constant and variable), bone age, growth velocity, adult height estimation, annotations, standard time partitions, and dynamic zooming.

Safe Data Entry

Research shows healthcare mistakes arise from data entry errors, often fostered by disconnected input and output and metric/imperial unit confusion. Our Safe Data Entry features simultaneous sparkline/percentile feedback and buttons to increment/decrement against prior values.

Cognitive Ease

Seeing all growth information at once graphically provides complete context at a glance. And with a click, clinicians can compare values between any two dates, including respective velocities.

Informing Parents

To improve communication between clinician and parents, our parental view presents a less technical view of a child's composite growth data, including depicting a child's stature in a universally recognized way.

Graph Comparison

To improve understanding of a child's development, our clinical graph plots measurements against two statistical charts at once, such as CDC vs. Down Syndrome.

Features

- Modern web app
- Interactive graph, table, parent views
- CDC/WHO/Fenton statistical charts
- Plug-in custom charts
- Neonatal settings
- Mid parental height
- Bone age, gestation correction
- Metric/imperial units
- English/Spanish (expandable)
- Reports
- Data export
- Apache 2.0 license (open source)
- EMR data via SMART/SMART C-CDA API

For further information contact:
pgcpreview@smartplatforms.org

Available April 2013



SMART is a Harvard Medical School/Boston Children's Hospital-led Strategic Health IT Advanced Research Project (SHARP) funded through the Office of the National Coordinator for Health Information Technology.

0 - 13 Weeks

0 - 6 Months

0 - 2 Years

0 - 20 Years

Enable Zoom

Fit to Age

Last Recording: 05 Dec 2012 9 Yrs, 3 Mos

%

Z

kg/cm

lb/ft

English

Spanish

+ Add New Data

