

GrowthXP

Monitor growth from infancy to adulthood.
Efficient and Complete.

CHART & REPORT LIBRARY

INDIVIDUAL

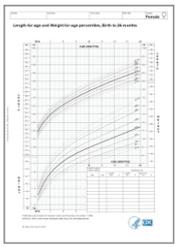
CLINICAL

MEASUREMENT

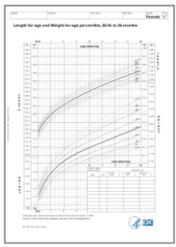
CALCULATED

SD SCORES

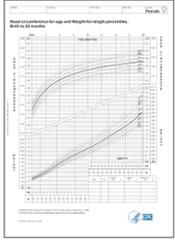
LISTS



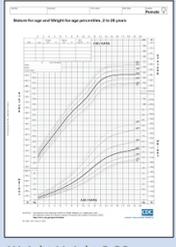
Weight Height 0-2 yrs



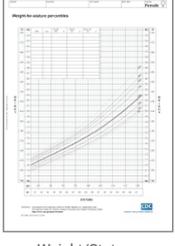
Weight Height 0-2 yrs



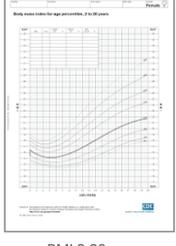
Head circ. W/H 0-2 yrs



Weight Height 2-20 yrs



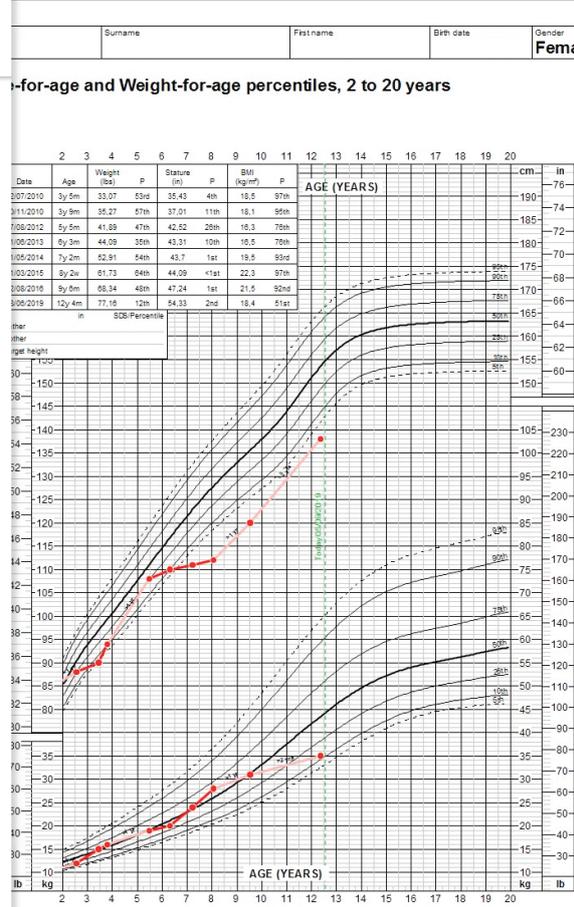
Weight/Stature



BMI 2-20 yrs

Surname		First name		Birth date		Gender	
						Female	

Date	Age	Weight (kg)	P	Stature (cm)	P	BMI (kg/m ²)	P
3/07/2010	3y 5m	33.07	53rd	35.43	4th	16.5	97th
3/11/2010	3y 9m	35.27	57th	37.01	11th	16.1	95th
7/08/2012	5y 5m	41.89	47th	42.52	26th	16.3	76th
1/09/2013	6y 3m	44.09	35th	43.31	10th	16.5	76th
1/05/2014	7y 2m	52.91	54th	43.7	1st	19.5	83rd
1/03/2016	8y 2m	61.73	64th	44.09	<1st	22.3	97th
3/08/2016	8y 6m	68.34	48th	47.24	1st	21.5	92nd
3/08/2019	12y 4m	77.16	12th	54.33	2nd	18.4	91st



Developed by the National Center for Health Statistics in collaboration with the National Center for Chronic Disease Prevention and Health Promotion (2000).
<http://www.cdc.gov/growthcharts>

PC PAL OCKX Ver 2.1.0.20

SAFER • HEALTHIER • PEOPLE

Available for integration
into medical records



The GrowthXP decision support suite is used by pediatricians, nutritionists and endocrinologists worldwide to monitor children's growth and make efficient treatment decisions.

GrowthXP Decision Support Suite

20 years of investment in monitoring growth

GrowthXP decision support suite is a collection of products dedicated to monitoring growth from early childhood to adulthood. This suite, developed entirely by PC PAL, is the result of more than 20 years of experience in development and collaboration with the authors of scientific pediatric and endocrinology articles covering growth and development.

Active listening to customers and meeting market expectations

Software development, maintenance, roadmap and evolutions are ensured by a stable development team. In keeping with our clients' expectations, it ensures a constant evolution of the GrowthXP decision support suite in line with expectations, with new standards and the latest scientific studies and publications. Updates and new releases of the software are regularly made available to users.

International and country-specific variations

Designed to meet the needs of pediatric doctors and endocrinologists on an international scale, the GrowthXP decision support suite respects the specificities of the countries in which it is used. It is based on a repository of more than 3500 data sets, charts and scientific publications covering 56 countries. Each national version is developed in collaboration with local specialists.

Specific versions are available for the following countries:

USA	Belgium	Switzerland
WHO	Germany	Colombia
Canada	Sweden	Iceland
United Kingdom	Norway	Netherland
France	Austria	Romania
	Denmark	

A rich repository of graphics and reports

In addition to the fact that the GrowthXP decision support suite contains a significant number of reference charts, it is also composed of many specific graphs covering more specific needs such as prematurity, Down, Turner and other syndromes or growth disorders. Charts and reports are available for each of the parameters (height, weight, head circumference, sitting height, arm span, foot length and waist circumference etc). There are also charts and reports for the values calculated by the software (velocities, indices, body proportions). Other variables and new reference data publications are constantly under investigation.

Instant high definition graphics

The GrowthXP decision support suite leverages a powerful graphical engine and a highly interactive user interface that allows for easy manipulation of charts and reports (zoom in or out, zoom with local scale for precise evaluation of any parameter, graphical zoom navigation and a timeline to quickly scroll through visits while a chart is displayed). This ease of manipulation of the charts provides an important comfort to users, letting them carry out their investigations efficiently.

Unparalleled data presentation and layout

The presentation and layout capabilities used to design the tools within the suite are unlimited. Coupled with PC PAL's long experience in design, they can be adjusted to the requirements of the most advanced presentation needs and produce reports of great completeness.

Much appreciated features include: prenatal and postnatal data, curve points adjusted for prematurity, patient data headers, IOTF cut-off overlays, dynamic scales for body mass index and standard deviations when above certain thresholds, different line styles for measurements too far apart as well as dynamic scales depending on the context.

Multiple axes of analysis and tools to facilitate the data interpretation

The interactivity provided by the user interface, the richness of the reports and the graphs and the number of the available parameters and calculations offer users high investigative capacities of the data for their patients: prematurity, infancy, childhood, growth potential, body proportions, pubertal development, obesity and nutrition. This functional completeness allows physicians to quickly perform accurate diagnostics and thus contribute to efficient decision making.

Quality communication and secure information sharing

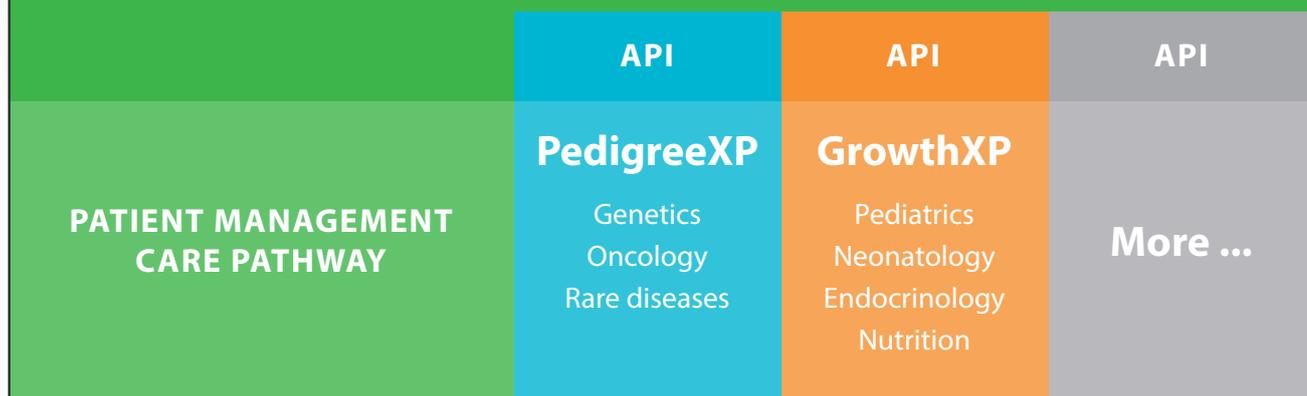
Reports and charts produced by the GrowthXP decision support suite can easily be generated and transmitted in a secure manner. Personalization allows the display of only the desired data in the reports (to handle patient anonymity, patient data, today line, event time line, display order, age ranges, corrected age curve, reference types: percentiles 5–95, 3–97 or z-scores. Physicians can choose different formats of data: encrypted PDFs for transmission of

the document, copy to clipboard for inclusion into a publication document or in a presentation. Finally, all documents, reports and graphics are printed in high definition, regardless of the type of printer and the paper format used. Designed to work with all medical systems, the GrowthXP decision support suite allows easy integration into electronic medical systems. Specific products in the suite are available in various formats to suit different needs and IT technologies.

Compliance with current standards and regulations

The suite is based on a proven application framework, whose technological standards comply with both American and European regulations and directives. All products distributed in Europe are certified with the CE label, which guarantees compliance with the regulations governing software and medical devices for use in the medical environment. For the American market compliance is assured with HIPAA and 21 CFR part 11 in terms of patient data privacy, electronic signatures and traceability.

MEDICAL SYSTEMS, EMR, EHR...



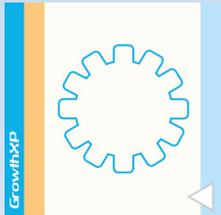
Decision support modules developed by PC PAL can be plugged into other systems to enhance the value and increase the use of general hospital record systems. Data is no longer entered only to be stored. Calculations and charts return instant value to the end users without any complex settings or configurations.

PedigreeXP, another product of PC PAL, is a specialist module that allows users to interactively build up a genetic pedigree drawing showing the relationships of family members and used to record medical history. Although designed for integration, PedigreeXP also exists in a single user version.

High quality electronic growth charts for professionals in care of children's growth and development



INTEGRATION – WEB

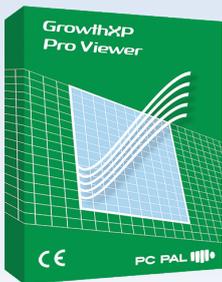


GrowthXP on FHIR

Our **GrowthXP on FHIR** module allows integration into any FHIR compatible EMR, i.e. all the EMR systems from the largest vendors worldwide. Integration is easy

as GrowthXP reads all the data it needs from the host database. GrowthXP on FHIR offers a fully interactive HTML 5 web interface with a rich library of high quality charts.

INTEGRATION



GrowthXP Pro Viewer

Electronic growth charts are generated using the data collected in the EMR system, all presented in GrowthXP's graphical user interface.

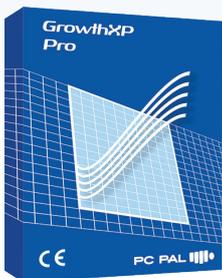


Growth Chart Component

Available as a component, GrowthXP's advanced growth chart engine can be tightly integrated into EMR systems or any other vendors' products.

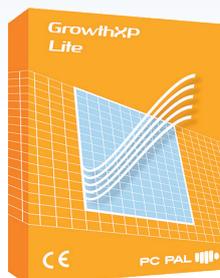
www.growthcharts.info

STANDALONE



GrowthXP Pro

Suitable for multiple users who work together and want to share data securely. Connected to a central database, the application also provides user management, electronic signatures and complete audit trails.



GrowthXP Lite

Ideal for single users who work independently, requiring a growth data calculation and display tool without the need to share data with others.

Download your free trial at www.GrowthXP.com

Contact us at sales@growthxp.com

CE GrowthXP is a registered CE marked Class I software-only medical device.



www.pcpal.eu

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