

GrowthXP Neo

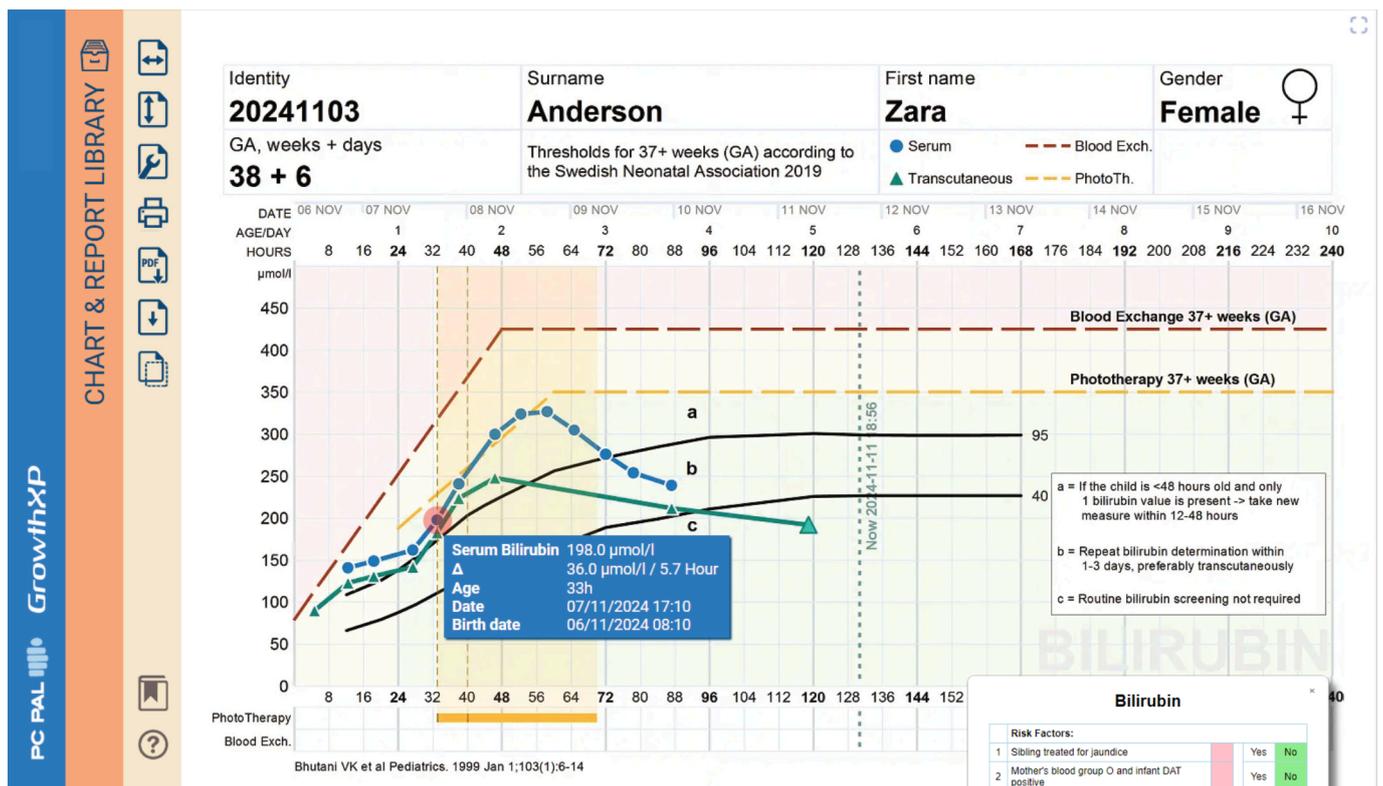
Enhanced visualisation of neonatal parameters



Bilirubin

The bilirubin charts in GrowthXP Neo provide thresholds for decision making. Bilirubin target values are based on international or local guidelines for the management of hyperbilirubinemia in the newborn infant according to gestational age.

- ✓ **GrowthXP Neo includes a chart for bilirubin threshold levels** which auto-adjusts according to gestational age at birth. Useful features on the same chart include percentiles for the normal population; automatic rate of change calculations; and graphical representation of both phototherapy duration, and timing of exchange transfusion.
- ✓ **Hyperbilirubinaemia risk calculation.** The guidelines identify up to 11 risk factors for the development of significant hyperbilirubinaemia.



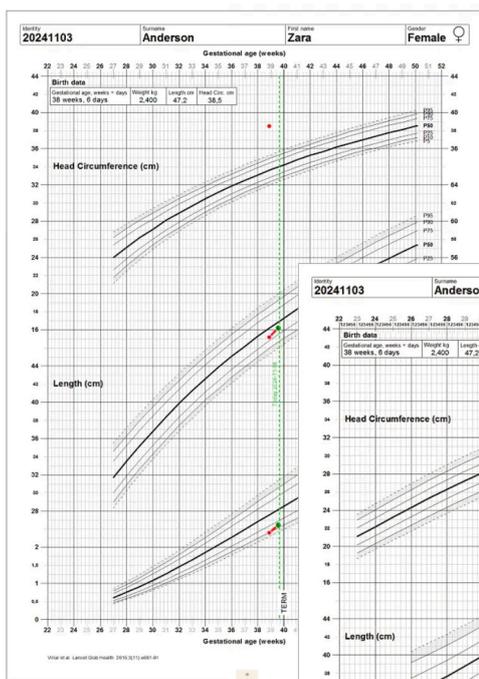
Bilirubin chart in GrowthXP Neo showing both reference ranges and thresholds for follow-up and therapy.

Hyperbilirubinaemia risk checklist

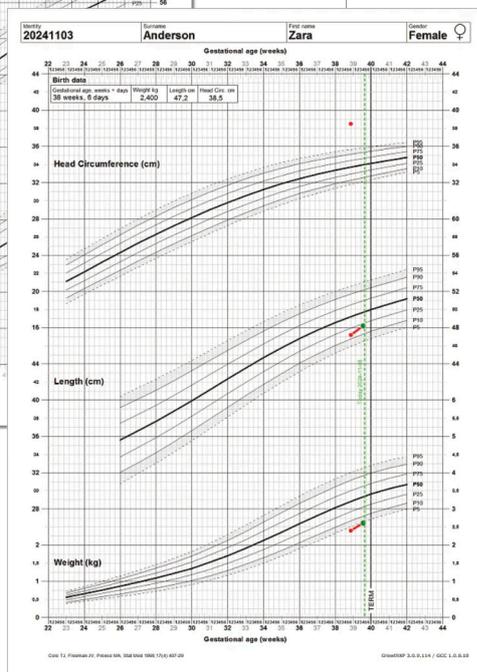
Growth charts

GrowthXP Neo contains a library of growth charts for the newborn as well as from 22 – 42 weeks gestation and birth data, complete with percentiles and standard deviation scores. Charts automatically populate with data from your electronic health record. Growth references are tailored for each country and also includes the international references Intergrowth and Fenton.

- ✓ Displays height, weight and head circumference measurements at birth, with percentiles and SD scores (z-scores).
- ✓ Growth references starting at 22 weeks aid identification of children born small for gestational age.
- ✓ Allows you to accurately follow growth in the first few weeks of life.



Birth data		Gestational age	
Date	Age	cm	kg
2024-11-03 07:10	B	47.2	2,400
2024-11-08 03:30	11h 10m	48.2	2,610



Birth data		Gestational age	
Date	Age	cm	kg
2024-11-03 07:10	B	47.2	2,400
2024-11-08 03:30	11h 10m	48.2	2,610

Chart settings

- Today line
- Show event timeline
- Draw line between measurements
- Make chart anonymous
- Hide patient data

Reference type

- Percentiles 5th-95th
- Percentiles 3rd-97th
- SD

Publications Intergrowth-21st 2015

GrowthXP Neo charts and reports offer settings to adjust the chart display, including a choice of growth references



Discover GrowthXP Yourself...

GrowthXP Neo builds on the widely-used paediatric growth chart application, GrowthXP. The **Neo** module allows users to visualise important parameters to track the progress of neonates and support their care.

GrowthXP applications are typically integrated with patient records via the FHIR standard or through a customised connection according to a client's specific system. This benefits clinicians by avoiding the need to duplicate patient data input.

Contact us to schedule your own personally guided experience of GrowthXP to see for yourself why healthcare providers all over the world have made PC PAL and **GrowthXP** their choice for advanced growth analysis.

- ◆ Compatible with FHIR-compliant EHRs such as Oracle Health and Epic
- ◆ HIPAA compliant (USA), and PIPEDA compliant (Canada), GrowthXP Neo does not store data
- ◆ Cloud-hosted by PC PAL (North America) or installed on-site (Europe)
- ◆ Pure HTML 5 and JavaScript application
- ◆ No use of 3rd party libraries or frameworks
- ◆ Responsive application design suitable for all devices
- ◆ Comprehensive technical support and maintenance

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