



Preemie Feeding Tracker software for Neonatal Intensive Care Units

This software works with or without the Preemie sensor, and allows personnel at Neonatal Intensive Care Units (NICUs) to track and manage each infant's nutritional intake, correlate it with the infant's growth, and to prescribe the fortification needed based on the specific approach of the NICUs.

The software allows the management of all the infants in the NICU through a user-friendly interface, by entering key data about the infant (ID, age, morbidities) and growth (weight, head circumference, length). Users set up reference data which will be used to calculate the fortification needed, such as standard or customized guidelines, the fortifiers used, the introduction-of-fortification rules. The software allows neonatologists and nurses to display all the data about each infant over time, and correlate the nutrition administered and growth data through intuitive graphs and derived insights. Based on such insights, the doctor can prescribe the nutrition for each infant, by selecting the reference parameters and automatically calculating the volume of milk and the doses of fortifiers to be administered. The fortification prescribed and the actual intake of the infant can be then saved in a report, exported or printed, and used as a reference for later feeding prescriptions.

● Features of the Preemie Feeding Tracker Software

- Runs on PC and Mac desktop computers and laptops, and requires an Internet connection to store and update infant data;
- A stand-alone desktop software, but can also be connected with the Preemie Fortification app and the Preemie sensor, to enable targeted fortification based on the actual nutritional value of the milk analysed;
- Comprehensive management of each infant's nutritional intake and growth over time, allowing the user to correlate actual intake and growth indicators, and to get insights into the evolution of the infant's health status;
- Produce, save, and export reports on infants' nutrition and growth;
- Automatically calculates the fortification needed in line with the specific approach of the NICU, and enables a digital prescription of the fortification on a daily basis;
- Fortification guidelines, fortifiers used, and introduction to fortification can be customized based on the specific procedures of the NICU;
- Enter, save, and store data about infant's nutrition and growth, in compliance with GDPR.

