PePA FactSheet

What is PePA?

PePA (*Pediatric Platform for Anthropometry*) is an accurate, efficient and cost-saving system that provides anthropometric measurements on recumbent infants or standing children within seconds.

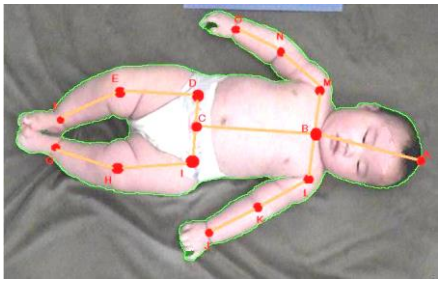
How does PePA work?

PePA uses our patent pending technology, based on advanced 3D sensors to build a 3D model of the infant/child and calculate the anthropometric measurements.

PePA is designed for measuring infants, who are simply placed momentarily on an examination table while measurements are made. PePA is equipped with a digital scale for weighing the infant. PePA also allows toddlers and older children to stand freely while being measured.

PePA can be used in hospitals or pediatrician offices as a replacement for or complementary to the conventional pediatric examination table. If an examination table is not required, PePA also comes in a portable format, which weighs less than 30 lb, can be carried in a small case and set up within 10 minutes by a single person. (The portable PePA is inexpensive and is anticipated to be conducive to wide use in lower and middle income countries.)

A portable PePA in Operation



PePA with an examination table

Benefits of PePA

Compared with conventional manual approaches, PePA is more accurate in measurement, faster and easier to operate. And more important, PePA makes the measurement procedure much less stressful to the infants being measured and their parents. Using the PePA system, healthcare workers do not need to worry about holding the infants in place while measuring them. PePA will automatically track the child's motion and calculate its measurements within seconds, even if the legs are bent or the child is squirming.

PePA can plot the measurement results on a growth chart, to visualize the baby's growth over time, and transmits the results electronically by email to the patients if needed PePA is also the perfect tool for conducting large scale anthropometric surveys. It is rapid, non-invasive, and results are automatically stored in a database for further analysis.

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