TOL Weight to Fetal Growth Curve Comparison				
TOL Weeks	**TOL Weight**	**10th**	**50th**	**90th**
12 weeks (14LMP)	27	12	21.5	29
16 weeks (18LMP)	159	108	148	190
22 weeks (24LMP)	694	430	580	725
26 weeks (28LMP)	1095	650	950	1250

Weights in grams.

Weights found at http://autopsy.jarchie.com/fetal_growth_curves.pdf in a report written by John G. Archie, Julianne S. Collins, and Robert Roger Lebel. The full report can be found at their site http://autopsy.jarchie.com and is copyrighted © 2005, 2006 by the Greenwood Genetic Center. The first 3 pages have been reproduced here for your reference convenience. Weights are approximated using curves on graphs for comparison.

Supplementary Fetal Growth Curves

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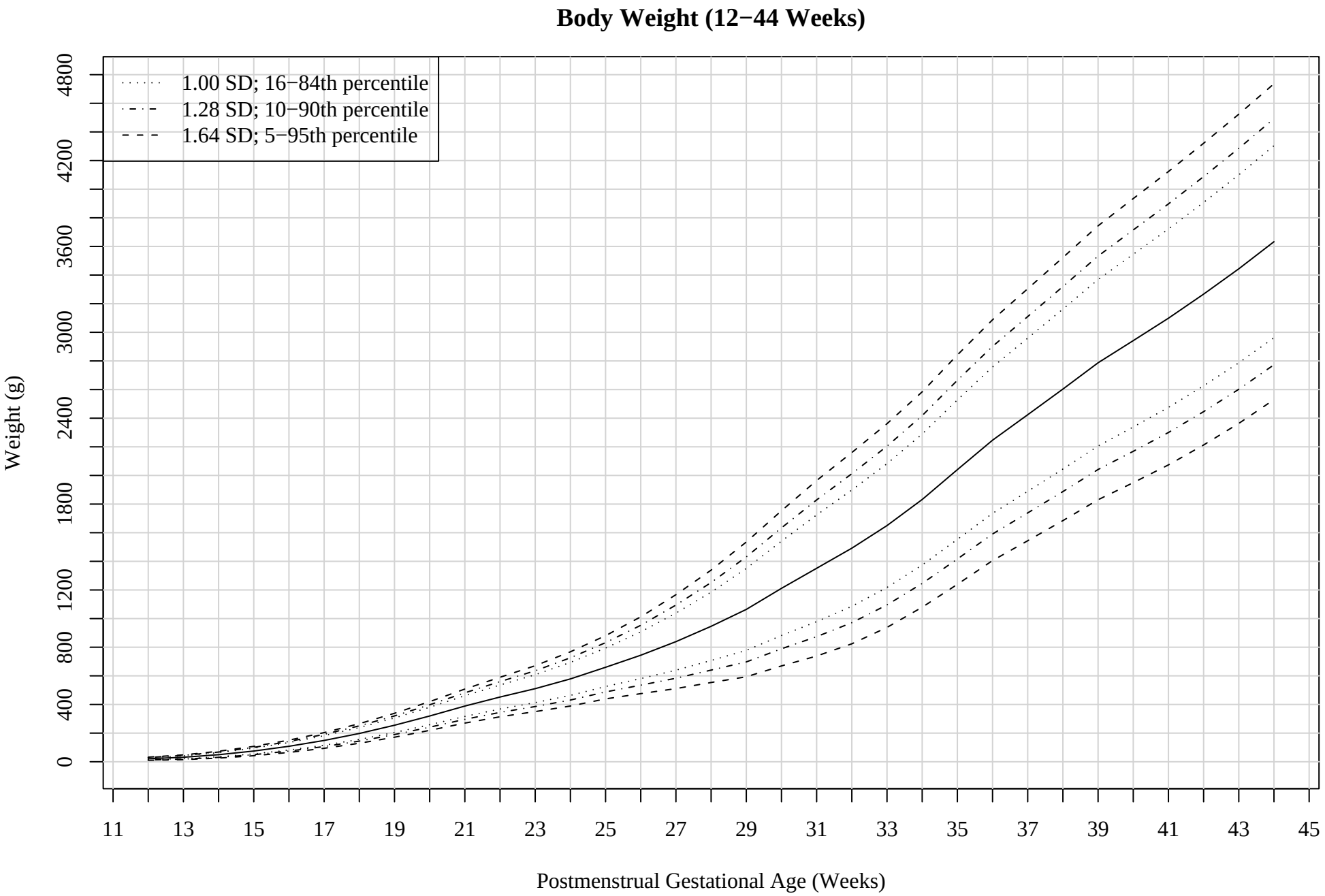
The following growth curves are described in the manuscript entitled "Quantitative Standards for Fetal and Neonatal Autopsy." While the tables in the manuscript are better suited for displaying these numerical data, some may still prefer charts, hence the reason for this document.

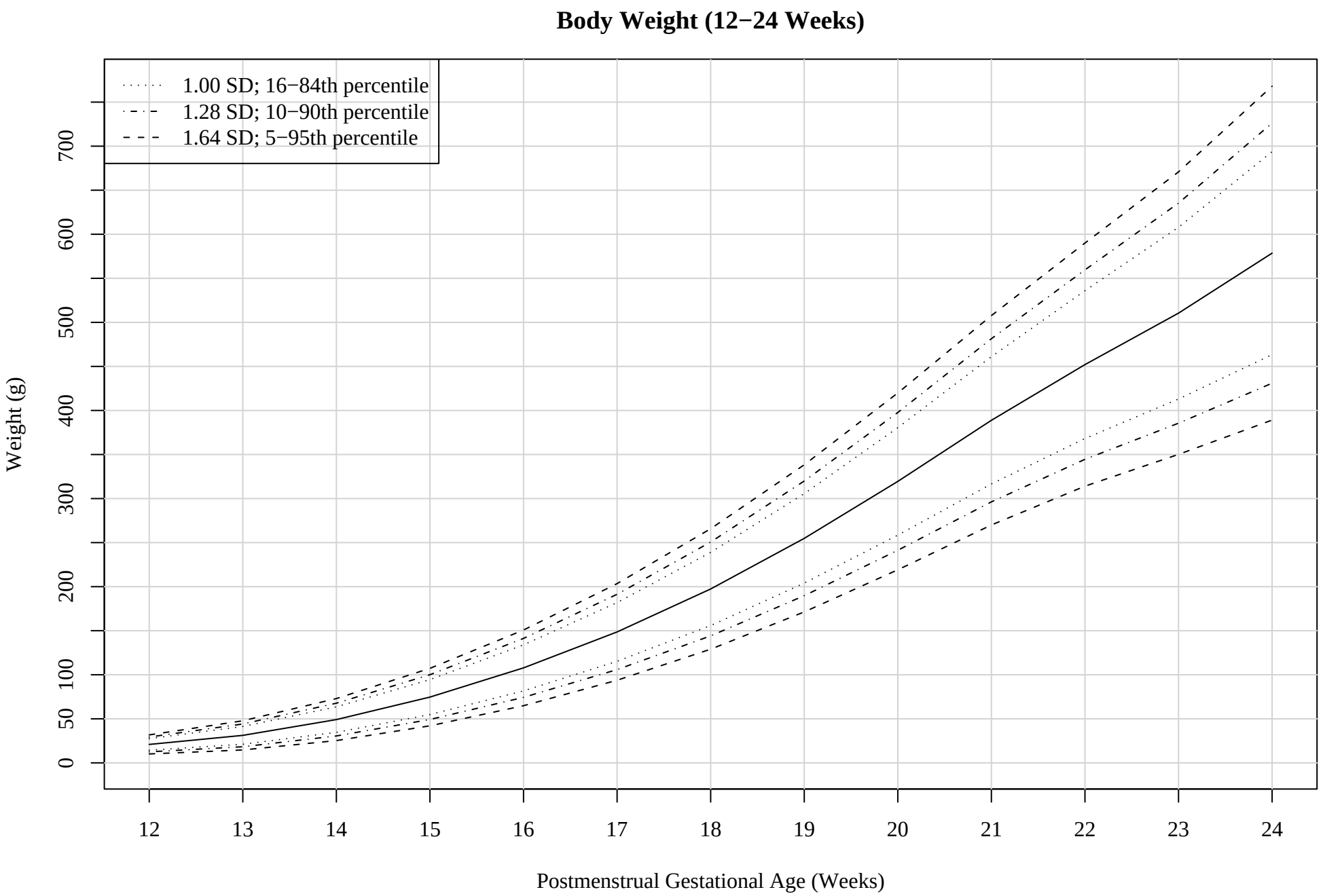
Most of these curves are constructed from regressions on data from multiple sources, and the remaining curves are derived from a single source. All sources studied non-macerated tissue examined at autopsy and excluded fetuses with obvious malformations. (The one exception to this rule is hand length at later ages, which incorporates data from normal live borns.) Thus, these standards are designed to show whether various measurements obtained at autopsy are normal when compared to other seemingly normal fetuses examined at autopsy.

The dotted, dash-dotted, and dashed lines correspond to plus or minus 1.00, 1.28, and 1.64 standard deviations, respectively. Assuming the data are normally distributed, these lines also correspond with 16–84$^{\text{th}}$, 10–90$^{\text{th}}$, and 5–95$^{\text{th}}$ percentiles, respectively. Note that standard deviation data is not available for philtrum length, chest circumference, abdominal circumference, small intestine length, and large intestine length.

Contents



Sources: Cussen et al. (1990), Gruenwald and Minh (1960), Hansen et al. (2003), and Wigglesworth and Singer (1991)



Sources: Cussen et al. (1990), Gruenwald and Minh (1960), Hansen et al. (2003), and Wigglesworth and Singer (1991)