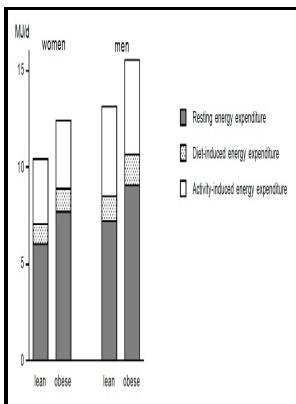


Total energy expenditure in infancy

-- Total energy expenditure of infants



Description: -

-Total energy expenditure in infancy

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Notes: Thesis (Ph.D.) - Loughborough University of Technology, 1991.

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Tags: #Centile #reference #charts #for #total #energy #expenditure #in #infants #from #1 #to #12 #months

Centile reference charts for total energy expenditure in infants from 1 to 12 months

There was no sex difference seen at any time point when TEE was expressed relative to BW or FFM. Available data on the TEE of infants are summarized in Table 4.

Total energy expenditure in 9 month and 12 month infants

Knowledge of total energy expenditure is of major biological and clinical importance, particularly during infancy. Links to PubMed are also available for. In this study, we have used the LMS method with the maximum penalized likelihood of

Reference data for total energy expenditure in early infancy

More data from different geographic locations are needed to resolve putative differences in TEE of infants exposed to infection and other environmental stresses. The method has been described in detail elsewhere. Comparison of the doubly labeled water $2\text{H}_2^{18}\text{O}$ method with indirect calorimetry and a nutrient-balance study for simultaneous determination of energy expenditure, water intake, and metabolizable energy intake in preterm infants.

Total energy expenditure of infants

Stable isotope techniques now make such investigations more viable. Relationship of genetics, age, and physical fitness to daily energy expenditure and fuel utilization. Methods: Repeated measures of TEE using the doubly labeled water technique were made in 162 infants at 1.

Total energy expenditure and body composition in early infancy

Comparison of the doubly labeled water $2\text{H}_2^{18}\text{O}$ method with indirect calorimetry and a nutrient-balance study for simultaneous determination of energy expenditure, water intake, and metabolizable energy intake in preterm infants. A knowledge of total energy expenditure TEE is of major biological and clinical importance during infancy. In a review of approximately 300 TEE measurements from seven studies in healthy infants across the first year of life, it has been shown that a large range of energy expenditures can be seen at any one age group and a coefficient of variation as high as 28% was seen.

Total energy expenditure in 9 month and 12 month infants

Is the raised metabolic rate of the small for gestation infant due to his relatively large brain size. . Since energy requirements in this age group were last estimated in 1985 based on data collected some years earlier , a downward secular trend in energy intakes in infants has been attributed to changes in breast-feeding rates, the formulation of infant formula and timing of food supplementation.

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