



	http://en.wikipedia.org/wiki/Body_fat_
Size and Body Composition	percentage
 One view of body composition is to distinguish between fat mass (FAT) and fat free mass (FFM) 	
 FAT is typically around 22% of total body weight (men) and 28% (women) 	
 FFM is expected to be linked to clearance but not FAT FFM may be linked to volume but also FAT 	
Geno Halard 2014, al representation in the province of the pro	
 Size and Body Composition Metrics BSA, IBW, LBW, Predicted Normal Weight Adjusted Body Weight Adjusted Ideal Body Weight etc "Universal" – neither drug nor PK parameter specific 	There is no consistent definition of adjusted body weight when applied to children. The adult formula for ideal body weight gives negative values when used with weights and heights typical in children. Various work arounds are used e.g. based on "optimal" weight for age using WHO or CDC growth charts.
Normal Fat Mass• Allometric size is based only on mass• Normal fat mass (NFM) is based on FFM and FAT mass normalized to the FFM equivalent using <i>Ffat</i> • NFM is the mass that predicts allometric size – The parameter <i>Ffat</i> is drug and parameter (CL, V) specific $NFM = FFM + Ffat \cdot FAT$	NFM concept first published in Anderson BJ, Holford NHG. Mechanistic basis of using body size and maturation to predict clearance in humans. Drug Metab Pharmacokinet. 2009;24(1):25-36.
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