

Serum choline in extremely preterm infants declines with parenteral nutrition

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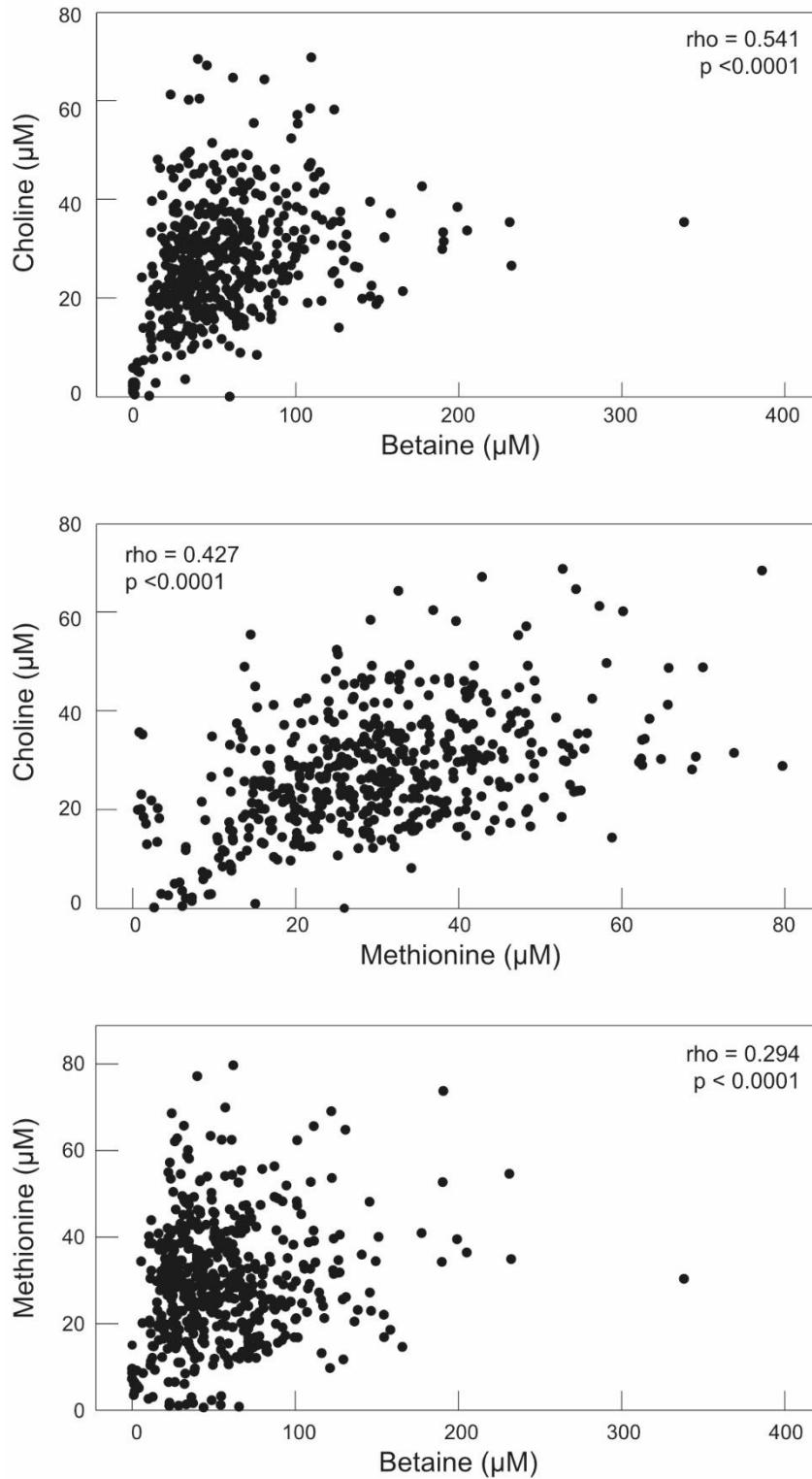
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Supplementary data

Supplemental Table 1. Spearman’s correlations between serum concentrations of choline, betaine, and methionine stratified by postnatal day.

	Postnatal day													
	1 (n=85)		7 (n=81)		14 (n=79)		28 (n=72)		33-74 (n=81)		75-99 (n=52)		100-158 (n=54)	
	Betaine	Methionine	Betaine	Methionine	Betaine	Methionine	Betaine	Methionine	Betaine	Methionine	Betaine	Methionine	Betaine	Methionine
Choline	0.501	0.450	0.506	0.262	0.386	0.463	0.140	0.557	0.330	0.501	0.343	0.434	0.451	0.502
	p<0.0001	p<0.0001	p<0.0001	p=0.0180	p=0.0004	p<0.0001	p=0.24	p<0.0001	p=0.0027	p<0.0001	p=0.0129	p=0.0013	p=0.0006	p=0.0001
Betaine		0.455		0.134		0.272		0.288		0.168		0.150		0.264
		p<0.0001		p=0.23		p=0.0154		p=0.0141		p=0.13		p=0.29		p=0.0536

Supplementary data



Supplemental Figure 1. Associations between serum concentrations of choline, betaine, and methionine. Pearson's correlation coefficient (ρ) and p-values from log-transformed data are indicated in the plots. Infant serum samples were collected between postnatal days 1 and 158. n=504.