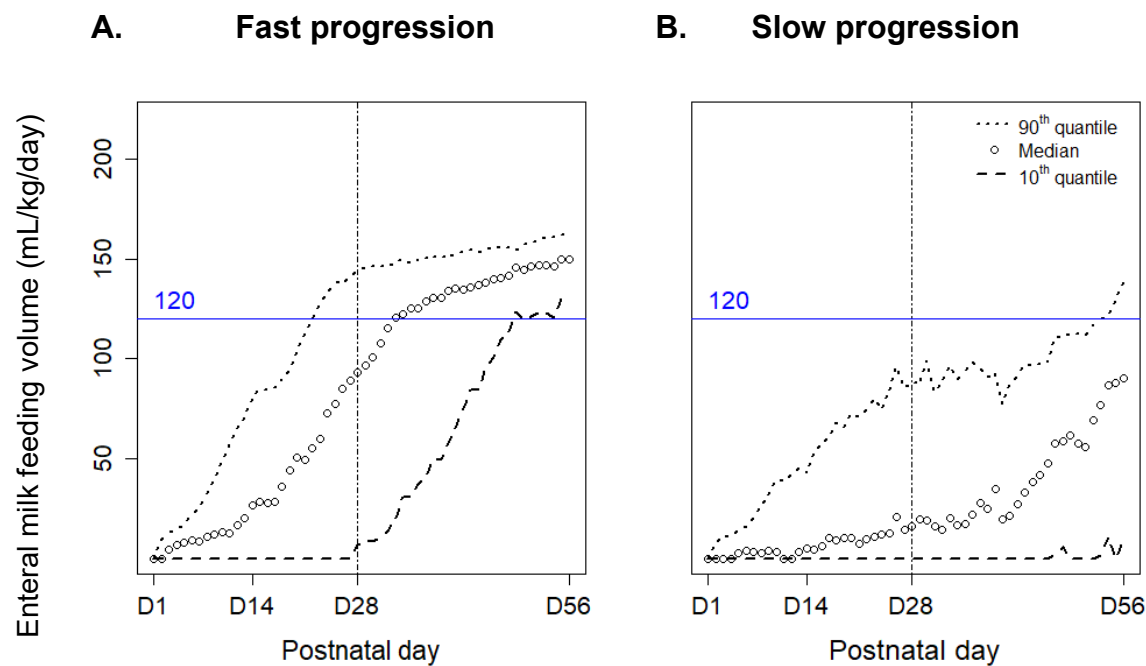


Supplemental Figure S1. A flowchart of the extremely preterm infants included for analysis.



Supplemental Figure S2. The kmlShape clustering analysis characterizes the feeding progression trajectories of extremely preterm infants (N=200) based on the daily median volume of enteral milk feeding volume (mL/kg/day) in the first 56 postnatal days as fast progression pattern (n=131, **A**) and slow progression (n=69, **B**) feeding pattern. The feeding volume data were presented as the median and the 90th and 10th quantiles, and full enteral volume was defined as 120 mL/kg/day.

Supplemental Table S1. The early-life medical risks and slow feeding progression pattern that associated with the trend changes of head circumference z scores from birth to 24 months of corrected age in extremely preterm infants: univariate and multivariate of GEE analyses

Feeding Trajectories	Univariate			Multivariate		
	Coefficient	95% CI	P values	Coefficient	95% CI	P values
Demographics						
Gestational age, weeks	0.288	0.187, 0.388	<0.001	0.216	0.106, 0.325	<0.001
Female (ref. male)	0.189	-0.089, 0.466	0.182	0.001	-0.225, 0.226	0.994
Small for gestational age	-1.418	-1.820, -1.016	<0.001	-1.142	-1.577, -0.706	<0.001
Preeclampsia	-0.399	-0.762, -0.037	0.031	-0.210	-0.553, 0.133	0.231
Maternal education level (< college)	-0.057	-0.342, 0.228	0.694			
Pulmonary/Hemodynamics						
RDS requiring surfactant therapy	-0.593	-0.861, -0.325	<0.001	-0.339	-0.574, -0.104	0.005
Infection events						
Late-onset sepsis	-0.306	-0.640, 0.028	0.072	0.278	-0.017, 0.573	0.065
Severe brain injury	-0.985	-1.409, -0.560	<0.001	-0.591	-1.014, -0.168	0.006
Slow feeding progression pattern, (ref. fast)	-0.663	-0.963, -0.364	<0.001	-0.638	-0.884, -0.394	<0.001

GEE: generalized estimating equations