

## WHAT BABIES TAKE INTO THE STOMACH VS WEIGHT PROTOCOLS

BIRTH WEIGHT	CAPACITY & # OF FEEDS	DAY ONE	DAY TWO	DAY THREE	DAY FOUR	DAY FIVE	MAINTENANCE REQUIREMENT RDA Guidelines
5 lb 2.268 Kg	<b>Baby Ingested<sup>1</sup></b> 5 Feeds /24 Hours 8 Feeds /24 Hours 12 Feeds /24 Hours Premie Protocol <sup>3</sup>	5 cc	10 cc	22 cc	36 cc	43 cc	
		25cc / .8 oz	50cc/1.6 oz	110cc / 3.6 oz	180cc / 6 oz	215cc / 7.1 oz	120 KCAL/Kg OF WEIGHT <sup>2</sup>
		40cc / 1.3 oz	80cc / 2.6 oz	176cc / 5.8 oz	288cc / 9.6 oz	344 cc / 11.4 oz	13.3 oz
		60cc / 2 oz	120cc / 4 oz	264cc / 8.8 oz	432cc / 14.4 oz	516cc / 17.2 oz	
		181.4cc / 6 oz (80cc/Kg)	226.8cc / 7.5 oz (100cc/Kg)	272.1cc / 9 oz (120cc/Kg)			
6 lb 2.722 Kg	<b>Baby Ingested<sup>1</sup></b> 5 Feeds /24 Hours 8 Feeds /24 Hours 12 Feeds /24 Hours Premie Protocol <sup>3</sup>	6cc	13 cc	27cc	42cc	53 cc	
		30cc / 1 oz	65cc / 2.1 oz	135cc / 4.5 oz	210cc / 7 oz	265 cc / 8.8 oz	120 KCAL/Kg of weight <sup>2</sup>
		48cc /1.6 oz	104cc / 3.4 oz	216cc / 7.2 oz	336cc / 11.2 oz	424 cc / 14.1 oz	16 oz
		72cc / 2.4 oz	156cc / 5.2 oz	324cc / 10.8 oz	504cc / 16.8 oz	636 cc / 21.2 oz	
		217.7cc / 7.2 oz (80cc/Kg)	272.2cc /9 oz (100cc/Kg)	326.6cc / 10.8 oz (120cc/Kg)			
7 lb 3.175 Kg	<b>Baby Ingested<sup>1</sup></b> 5 Feeds /24 Hours 8 Feeds /24 Hours 12 Feeds /24 Hours Premie Protocol <sup>3</sup>	6 cc	13cc	27cc	45cc	57 cc	
		30cc / 1 oz	65cc /2.1 oz	135cc / 4.5 oz	225cc / 7.5 oz	285 cc / 9.5 oz	120 KCAL/Kg of weight <sup>2</sup>
		48cc / 1.6 oz	109cc 3.4 oz	216cc / 7.2 oz	360cc / 12 oz	456 cc / 15.2 oz	18.7 oz
		72cc / 2.4 oz	156cc / 5.2 oz	324cc / 10.8 oz	540cc / 18 oz	684cc / 22.8 oz	
		254cc / 8.4 oz (80cc/Kg)	317.5cc / 10.5 oz (100cc/Kg)	381cc / 12.7 oz (120cc/Kg)			
8 lb 3.629 Kg	<b>Baby Ingested<sup>1</sup></b> 5 Feeds /24 Hours 8 Feeds /24 Hours 12 Feeds /24 Hours Premie Protocol <sup>3</sup>	8 cc	14cc	27cc	51cc	62 cc	
		40cc /1.3 oz	70cc / 2.3 oz	135cc / 4.5 oz	255cc / 8.5 oz	310cc / 10.3 oz	120 KCAL/Kg of weight <sup>2</sup>
		64cc /2.1 oz	112cc / 3.7 oz	216cc / 7.2 oz	408cc / 13.6 oz	496cc / 16.5 oz	21.4 oz
		96cc / 3.2 oz	168cc / 5.6 oz	324cc / 10.8 oz	612cc / 20.4 oz	744cc / 24.8 oz	
		290cc / 9.6 oz (80cc/Kg)	362.9cc / 12 oz (100cc/Kg)	435cc / 14.5 oz (120cc/Kg)			
9 lb 4.082 Kg	<b>Baby Ingested<sup>1</sup></b> 5 Feeds /24 Hours 8 Feeds /24 Hours 12 Feeds /24 Hours Premie Protocol <sup>3</sup>	5cc	11cc	26cc	46cc	59 cc	
		25cc / .8 oz	55cc / 1.8 oz	130cc / 4.3 oz	230cc / 7.6 oz	295cc / 9.8 oz	120 KCAL/Kg of weight <sup>2</sup>
		40cc /1.3 oz	88cc / 2.9 oz	208cc / 6.9 oz	368cc / 12.2 oz	472cc / 15.7 oz	24 oz
		60cc / 2 oz	132cc / 4.4 oz	312cc / 10.4 oz	552cc / 18.4 oz	708cc / 23.6 oz	
		326.8cc / 10.8 oz (80cc/Kg)	408.2cc / 13.6 oz (100cc/Kg)	489.4cc / 16.3 oz (120cc/Kg)			

## WHAT BABIES TAKE INTO THE STOMACH VS WEIGHT PROTOCOLS

	<b>Baby Ingested<sup>1</sup></b>	7cc	13cc	27cc	46cc	57 cc	
Average of Birth Weights	5 Feeds /24 Hours	35cc / 1.1 oz	65cc / 2.1 oz	135cc / 4.5 oz	230cc / 7.6 oz	285cc / 9.5 oz	120 KCAL/Kg of weight <sup>2</sup> 18.6 oz
	8 Feeds /24 Hours	56cc /1.8 oz	104cc / 3.4 oz	216cc / 7.2 oz	368cc / 12.2 oz	456cc / 15.2 oz	
	12 Feeds /24 Hours	84cc / 2.8 oz	156cc/ 5.2 oz	324cc / 10.8 oz	552cc / 18.4 oz	684cc / 22.8 oz	
3.175 Kg	Premie Protocol <sup>3</sup>	253.9cc / 8.4 oz (80cc/Kg)	317.5cc / 10.5 oz (100cc/Kg)	380.9cc / 12.6 oz (120cc/Kg)			

Compiled by Kittie Frantz, RN, CPNP-PC

### References:

1. Scammon, RE; Doyle, LO: Observations on the capacity of the stomach in the first ten days of postnatal life, AMERICAN JOURNAL OF DISEASES IN CHILDREN, 20:516-538,1920
2. National Research Council; RECOMMENDED DIETARY ALLOWANCES 10th ed. National Academy Press,pp35 Washington, DC, 1991
3. Premie Protocol: LAC/USC Women's & Children's Hospital protocol for very low birth weight infant feeding needs. Should we be using this for full term ne<sup>o</sup> newborns? NO