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MACRONUTRIEN		OW'S-MILK-BASED FORMULA	SOYBEAN-BASED FORMULA	
Protein	7% of calories	9-12%	11-13%	
Carbohydrates	38% of calories	41-43%	39-45%	
ats	55% of calories	48-50%	45-49%	
OTHE	WAYS INFANT FORMULAS ARE MODIFIE	D COMPARED TO BRE	AST MILK	
What Is Modified	How It Is Modified	Examples from Two Major Manufacturers		
Calorie level	Increase in calories from 20 calories/fl oz to 22 or 24 calories/fl oz (for preterm infants).	EnfaCare Lipil is 22 calories/fl oz. Similac with Iron 24 is 24 calories/fl oz.		
Form of protein	Protein is broken down to short amino acid fragments (hydrolyzed protein) or into single amino acids. Source of protein changed.	Similac Neosure Advance has amino acids. Enfamil Nutramigen has hydrolyzed milk protein. Prosobee has hydrolyzed soy protein in place of milk-based protein.		
Type of sugar	Lactose is replaced by other sugars, such as sucrose or glucose polymers from various carbohydrate sources.	Enfamil LactoFree has lactose replaced by corn syrup solids (which provides glucose). Prosobee has carbohydrates from corn syrup solids. Neither has sucrose or lactose.		
Type of fat	Long-chain fatty acids partially replaced with medium-chain fatty acids (MCT) and source of fat changed.	Pregestimil has about half of the long-chain fats, replaced by a mixture of vegetable oils. Enfamil Nutramigen has no MCT oil, but has vegetable oils in place of animal-based fats.		
Allergy/intolerance	Replacement of milk-based protein with protein from soybeans or replacement of whole proteins with amino acid fragments or single amino acids.	Similac Isomil and Enfamil Prosobee have milk protein replaced by soy protein.		
Micronutrients	Increased calcium and phosphorus concentration for preterm infants. Decreased minerals related to renal function. Added essential fatty acids (see above). Lower supplemental iron.	Enfamil PrematureLipil Similac PM 60/40 is me phosphorus, and is low Similac Special Care Action formula sold only infants.	odified in calcium, in iron.	
		Enfamil Low Iron and a lower levels of iron that formula.		
Thickness	Added rice or fiber for gastrointestinal problems.	Similac Isomil D.F. (DF short-term use; it has a Enfamil A.R. has added	dded fiber from soy.	
Age of infant	Target age 0-12 months	Similac Isomil Advance		
	Target age 9-24 months	Similac Isomil 2		



