

Orphaned Puppy Feeding Problems, Issues and Solutions

Problem	Issue	Solution
Improper feeding position	Aspiration of milk into lungs	Position puppy with feet down (sternal) with head slightly flexed and slightly stretched out.
Milk too hot	Burn puppy's mouth/stomach	Check temperature to make sure between 97-100°F. Milk should feel slightly warm when dripped onto back of wrist.
Milk too cold	Chilling of puppy and slowing down heart rate and digestion resulting in gas formation, colic, bloating, regurgitation and aspiration ¹	Check temperature of milk to make sure between 97-100°F. Milk should feel slightly warm when dripped onto back of wrist.
Milk coming out too fast	Vomiting, bloating, aspiration	Make sure milk coming out of nipple is at a drip (1-2 drips per second) and not a stream.
Overfeeding (or ad lib feeding)	Diarrhea, bloating, regurgitation and aspiration	Determine stomach capacity and feed accordingly. Comfortable stomach capacity is 4 ml/100 g body weight ² .
Nipple too long for puppy's size	Aspiration into lungs	Use a shorter nipple. A good general rule is use a kitten nipple for small breed puppies and a puppy nipple for medium to large puppies. The tip of the nipple should not extend past the middle of the puppy's tongue
Puppy not taking the bottle	Puppy may be chilled	Warm the puppy up slowly 2°F per hour, then try again.
	Milk too cold	Warm milk to 97-100°F.
	Puppy may not be hungry	If puppy is alert and responsive and acting okay otherwise, wait a half hour to an hour and try feeding again.
	Sick, lethargic puppy	Try a drop of Karo syrup under tongue and seek veterinary attention ASAP.
Unclean equipment	Diarrhea, vomiting, infection	In between feedings, wash the bottle and nipple with soap and warm water, then sterilize them by boiling in water for 10 minutes, then set them on a clean towel to dry.
Sour milk	Diarrhea, vomiting, infection	Store milk replacer in clean storage container in refrigerator for no longer than 24 hours.

¹ Fitzgerald KT, Newquist KL. *Husbandry of the Neonate*, in *Small Animal Pediatrics: The First 12 Months of Life*, 1st edition, ed: Michael E. Peterson. Elsevier/Saunders, St. Louis, MO., pp 67-72, 2011.

² Lawler DF. Neonatal and Pediatric Care of the Puppy and Kitten. *Theriogenology*, v 70, pp 384-392, 2008.

Care of the Orphaned Puppy and Kitten, in *Small Animal Pediatrics: The first 12 months of life*, 1st edition, ed, Michael E Peterson. Elsevier/Saunders, China, 67-72, 2011



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