

Raising Orphaned Puppies

Raising an orphaned puppy is a noble and rewarding experience. Bonding that will occur in the first few days will likely last for many years. However, orphaned puppies are very fragile; raising them requires jumping numerous hurdles. Do not be disappointed if you are not successful.

The Problems You Must Face

Several critical problems must be addressed in caring for orphaned puppies. Among these are chilling, dehydration, and hypoglycemia. These problems are interrelated and may often exist at the same time. Close observation and prompt attention if any of these problems develop are essential to survival.

Chilling

Chilling in newborn puppies can lead to significant mortality. The normal newborn puppy depends upon radiant heat from its mother to help maintain its body temperature. In the absence of the mother, various methods of providing heat, such as incubators, heat lamps, or hot water bottles can be used. Caution: Too rapid warming of a chilled puppy may result in its death.

Dehydration

The lack of regular liquid intake or the exposure of the puppy to a low humidity environment can easily result in dehydration. Proper feeding or use of a humidifier will prevent this.

Hypoglycemia

Signs of hypoglycemia (abnormal decrease of sugar in the blood) are severe depression, muscle twitching and sometimes convulsions. If a puppy shows signs of hypoglycemia, a solution containing glucose will have to be administered. A few drops of corn syrup on the tongue can be life saving.

Food Options

Total nutrition for the newborn orphans must be supplied by a milk replacer until the puppies are about three weeks of age. At this age, the puppies are ready to start nibbling moistened solid food.

Preferred diets:

1. A commercial puppy milk replacer
2. For short-term emergencies:
 - 1 cup of milk
 - 1 tablespoon corn oil
 - 1 pinch of salt
 - 3 egg yolks (no whites)
 - Blend mixture uniformly

Since the newborn may have trouble generating enough heat to maintain its body temperature, the milk replacer should be warmed to 95 to 100F for the best results. Testing the milk replacer's temperature on one's forearm (as for babies) is generally accurate enough. The milk replacer should be about the same temperature as one's skin or slightly warmer. As the puppies grow older, the milk replacer can be fed at room temperature.

Feeding Options

Spoon-feeding is slow and requires great patience. Each spoonful must be slowly "poured" into the puppy's mouth to prevent liquids from entering the lungs. The puppy's head must not be elevated, or the lungs may fill with fluids. Newborn puppies usually do not have a well-developed gag reflex to signal this.

Dropper feeding accomplishes the same result as spoon-feeding but is somewhat cleaner and generally speedier.

Bottles made for puppies can be used quite successfully in most situations. The size of the hole in the nipple is critical for success. If the bottle is turned upside down and milk replacer drips from the nipple, the hole is too large. Use of this nipple may cause drowning of the puppy. If the bottle is turned upside down and milk replacer comes out only after considerable squeezing of the bottle, the hole is too small. The hole is the proper size if the bottle is turned upside down and milk replacer drips from the nipple with minimal squeezing of the bottle. If you are having trouble enlarging the hole, heat a needle with a match and push it through the nipple several times.

Tube feeding is the easiest, cleanest and most efficient method of hand feeding. However, it requires proper equipment and technique to prevent putting milk replacer into the puppy's lungs. This is best done by a veterinarian or experienced technician

Feeding Amount and Frequency

Commercial milk replacers have directions on their labels for proper amounts to feed. It is necessary for the puppy's weight to be obtained properly in ounces or grams. The amounts on the labels are based on the puppy getting only the milk replacer. The amounts given are also for a 24-hour period. Four meals, equally spaced during a 24-hour period, are ample for feeding a puppy when adequate nutrients are provided. Six or more feedings may be necessary if the puppy is small or weak. Hand feeding can generally be ended by the third week and certainly by the fourth. By this time the puppy can consume food, free-choice, from a dish (see below).

Causing Urination and Defecation

The puppy's genital area must be stimulated after feeding to cause urination and defecation. The genital area should be massaged with a moist cloth or cotton ball to stimulate action. This cleaning should continue during the first two weeks. If this procedure is not followed, the puppy may become constipated.

Beginning Bowl Feeding

By three weeks, the puppy can start to eat food from the dish along with the milk replacer. A gruel can be made by thoroughly mixing a puppy food (canned or dry) with the milk replacer to reach the consistency of a thick milk shake. The mixture should not be too thick at first or the puppy will not consume very much. As the consumption of food increases, the amount of milk replacer can be gradually decreased.

By four to four and one-half weeks, the orphaned puppy can consume enough moistened solid food to meet its needs.

It is better to avoid starting a puppy on a baby food regimen. This creates extra work and can also create a finicky eater. Many such foods will not meet the nutritional needs of a growing puppy.

Deworming

We routinely check fecals or treat puppies for worms at 3 and 6 weeks of age. Depending on the parasite load of the puppy and potential re-exposure to parasites, additional dewormings may be recommended. We need to see the puppy at the appropriate ages so that it can be accurately weighed.

First Vaccination

The first vaccination is normally given to puppies at 6-8 weeks of age.