

The essentials for a good start in life

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ROYAL̈LARAN




At last, the puppy you've wanted for so long is finally here.
This is an exciting time for you, but it can also be a stressful time of adjustment for your new pet. He will be leaving the security of his mother and littermates and experiencing a multitude of new sights, sounds and smells. Here are some tips to help you get your new puppy settled into his new home.

Puppy-proof your home

## Indoors

Before you bring your puppy home, you'll need to get your house ready for its new resident. Electrical cords should be hidden or wrapped to prevent him from chewing them. Items you don't want your puppy to have should be stored in a place that he can't access, like a closet or cabinet with a door you can keep closed. And poisonous household products (like those used for cleaning or for auto maintenance, including antifreeze) should be safely stored where your puppy can't get to them.

## Outdoors

Inspect your lawn for holes or gaps in your fence where your puppy could escape, and remove all chemical fertilizers, herbicides, insecticides and poisonous plants. (Ask your veterinarian for a list of plants that should be kept out of your puppy's reach.)

## Choose a veterinarian

It is important to have an initial checkup, so select a veterinarian before your new puppy comes home. If you don't already have a vet, friends or family members with pets can be good sources of recommendations.


## Puppy’s



Basic equipment before your puppy's arrival

Stainless steel food and water bowls
Teething puppies will chew anything in sight, which can be a problem when using plastic bowls. Stainless steel food and water bowls are durable and do not rust, break or chip, and they're also more sanitary than plastic bowls. Find a permanent place for your puppy's bowls.

## Sleeping place

Having his own space will help your puppy get used to his new home and help him feel safe, take refuge and sleep. Provide a comfortable bed or puppy crate in a quiet corner.

## Collar and leash

It's important to start using a collar and leash right away so your puppy can ge used to them. Make sure that the collar, complete with an identification tag, is snug enough not to slip over his head, but not too tight.

## Brush and comb

Grooming your puppy regularly teaches him to like being handled by people and will make the task of grooming easier for both of you as he grows bigger and stronger.

## Puppy toys

Rubber toys are almost indestructible and may ast for years. Choose a smaller size for young puppies (helpful during teething), and a larger size for large puppies. Choose only safe toys, and discard them when they show signs of wear or damage.



## at home together

Introducing puppy to children
Children often don't understand the need to be very careful with a puppy, so a responsible adult should always supervise. When you bring your puppy home, have the children sit down and let the puppy come to them.
Introducing older dogs

- If you have an older dog who has lived in the house for a long time, he may be resistant to sharing his space with a new puppy Try introducing the dogs in a neutral area, such as a park, where your older dog may not be so protective. Make sure both dogs are on leashes and that you are able to control them. Let them sniff and investigate each other.
- Don't scold the older dog if he doesn't react the way you want him to right away. Give him plenty of time to get used to the puppy.
- Animals have their own rules, and your older pet will certainly let your young puppy know what the rules are. Everyone must be allowed a territory where they are not disturbed. Cats, in particular, must be allowed to rest in peace and quiet out of the puppy's reach and to get acquainted with their new housemate on their own terms.


## Supervised exploration

Let your puppy explore his new home,
An adult should always be presen
an adir children play with a puppy
confine the puppy to the areas of the ( house where you spend the most timeIntroduce the puppy to gradually and carefully
but only under your supervision.
The first day, block off your puppy in the rooms where you spend the most time. Reinforcing acceptable behavior often just means preventing misbehavior.


Temporary teeth in puppies
The milk teeth fall out easily. Don't worry about trying to find them as he sheds them. Puppies actually swallow most of them and excrete them naturally without any problems.

## Caring for teeth

Start dental care when your puppy is very young, so he can get accustomed to having his teeth brushed. By starting early, you'll have an easier time managing his dental health as he grows older. The main risk of infection is due to the tartar formed by bacteria calcifying on the teeth. To prevent tartar deposits, use a toothbrush and toothpaste designed especially for dogs. Try to brush your puppy's teeth several times each week.

| Teething Phase | Eruption |
| :---: | :---: |
| Temporary Teeth | 1 month |
| Permanent Teeth | 4 months |
| Permanent Canine Teeth | $5-6$ months |

## puppy hygiene

## Bathing

The frequency of baths will vary according to the coat texture and length. Lukewarm water should be used, along with a shampoo that's clearly labeled as safe for puppies. Use care to keep water and shampoo out of your puppy's eyes and ears. After each bath, towel dry him thoroughly and keep him in a warm room until he's completely dry to prevent illness.

Nail trimming
Puppies need proper nail care early in life in order to get them off on the right foot for a lifetime of stress-free nail trimming. Use a specially designed dog nail-clipper. Hold your puppy's foot and gently push down with your thumb at the base of each nail. Beginning at the tip of the nail, cut back just a little at a time until you get close to the quick, the pink part. Be very careful. If you cut too far, you'll cut the quick, resulting in pain and bleeding. So keep styptic powder handy to help stop any bleeding.



Brushing and combing
No matter what type of coat a puppy has, his hair will die and shed and new hair will grow in its place. Regular brushing and bathing will help remove dead hair. The frequency and the type of equipment used will vary depending on the nature of the coat.

## Short-haired

Although a short coat might not require intensive grooming, brushing once or twice a week helps to maintain a healthy, shiny coat.

## Medium-haired

Because of the coat density (both undercoat and topcoat), this puppy should be brushed every other day.

## Long-haired

The long-haired puppy requires daily brushing. Proceed delicately to avoid injuring his sensitive skin.

Shedding season
Outdoor dogs shed their coat twice a year (Spring and Fall), corresponding to seasonal changes in daylight. Indoor dogs are not as affected by changes in light, so they shed hair throughout the year, with periods of increased shedding in Spring and Fall.



## the science of



Food choice
Nutrition has four objectives: body development, energy provision, nourishment for prevention and nourishment for recovery. Royal Canin, a leader in health nutrition has applied this knowledge to our Canine Health Nutrition formulas. Our nutritional approach combines just the right amounts of approximately 50 nutrients in a single food to satisfy these four nutritional objectives and meet the real needs of dogs.

## The Four Objectives of Canine Nutrition

## Nutrition

Body Development
Nutritional needs for the development and maintenance of the body require certain amino and fatty acids, minerals, vitamins and trace elements.Energy Provision
Lipids and carbohydrates are the main energy sources for dogs.

## Healith Nutrition

? Nourishment and Prevention
Some nutrients (antioxidants, prebiotics, fiber, essential
fatty acids, etc.) are added to the ration, to help digestive problems and to fight the effects of aging.

## Nourishment and Recovery

Certain nutrients are added and others limited to support the therapeutic process and help dogs recover from illness and a number of ailments.

## nutrient



How nutrients improve the health of your puppy

|  | Nutrient | Found In | Benefit |
| :---: | :---: | :---: | :---: |
| Proteins Build and regenerate organs and other structures. | Methionine \& Cystine | eggs, fish, wheat and corn glutens | helps strengthen hair and skin |
|  | Tyrosine \& Phenylalanine | milk, rice, purified supplements | supports hair color and iris pigmentation |
|  | Taurine | meat, chicken, purified supplements | may improve cardiac function |
|  | L-Carnitine | meat, purified supplements | helps treat and prevent obesity; may improve heart function |
| Fats <br> Concentrated energy source: some have structural roles for the cell or are precursors to specific hormones. | Omega 6 fatty acids | soy oil, canola oil | improves hair and skin quality; helps combat inflammation |
|  | Omega 3 fatty acids | fish oils | works to reduce inflammation in intestines, joints, skin kidney, other organs; a source of EPA and DHA, needed for brain development in young puppies |
| Carbohydrates Great source of energy: provide fiber | Starch | rice, oatmeal, barley, corn | provides important energy source |
|  | Fiber | beet pulp, psyllium, cellulose | improves gastrointestinal function; increases satiety |
|  | Prebiotics (FOS, MOS) | purified supplements, chicory root, brewers yeast extract | nourishes colon; assists digestion and immune function |
| Vitamins Essential to the canine body for cell regeneration, coat appearance and a variety of other functions. | Vitamin E | vegetables, supplements | improves immune defense; helps protect cells from effects of aging |
|  | Vitamin C | citrus fruit | protects cells; promotes regeneration of vitamin E |
|  | Niacin | meat, fish, cereals | improves skin and coat appearance |
|  | Biotin | brewers yeast, eggs | promotes glossy coat and healthy skin |
|  | Folic Acid | brewers yeast, liver | improves cell count, develops tissues in nervous system |
| Minerals <br> Important for canine bone formation, metabolism, nerve conduction, muscle function, and immune function. | Calcium \& Phosphorous | mineral salts, meat, bone | strengthens bones; promotes growth |
|  | Sodium tripolyphosphate | purified supplement | improves oral hygiene by reducing tartar |
|  | Zinc | wheat, mineral salts | promotes healthy hair and skin |
|  | Sodium silico aluminate | purified supplement | improves stool quality |
| Other <br> Nutrients | Carotenoid pigments | marigold extract, corn, carrots | may help protect cells from damage |
|  | Glucosamine | purified supplements, cartilage, crustaceans | helps stimulate formation of new cartilage |
|  | Chondroitin | purified supplements, cartilage | helps reduce cartilage damage and supports healthy joints |
|  | Green tea polyphenols | green tea extract | helps defend against premature aging; improves oral hygiene |

## dogs are <br> 

## Having a dog at home is a rewarding experience, but with it comes responsibility. The closeness we feel for our dogs can sometimes lead us to believe that things that are good for us are good for them, too. People tend to enjoy different varieties of food and give a lot of thought and attention to the meals they eat. Dogs, on the other hand, are regulated by their food. The same food, served in the same dish, in the same place at the same time is comforting. Because dogs have very specific needs that are different from ours, they need different and specific nutrition in order to remain healthy. <br> 

Dogs, by nature, are very active and draw their energy from fat. Fed an improper diet, they can suffer from obesity and its consequences, such as heart and joint issues, not to mention diabetes. Although you might feel like you're giving your dog a treat when you give him table scraps, in reality, you may be upsetting the balance of his diet. Even the smallest piece of chocolate (which can be highly poisonous to a dog), cheese or bread can lead to intestinal disorders and a gradual impairment of your dog's health.
The fundamental differences between dog sizes

| Characteristics | MINI | MEDIUM | MAXI | GIANT |
| :--- | :---: | :---: | :---: | :---: |
| Average <br> Adult Weight | 1-10kg | 11-25kg | $26-44 \mathrm{~kg}$ | $45+\mathrm{kg}$ |
| Growth duration <br> (birth to <br> adulthood) | 10 | months | months | 12 <br> months |
| Growth Range <br> (ratio of birth <br> weight to <br> adult weight) | $\times 20$ | $\times 50$ | $\times 70$ | months |

gs draw their energy from fat


## how to feed <br> your Puppy

Give several small meals
Depending on his age, your puppy should be given up to three meals a day at scheduled times. Always give your puppy his food in the same bowl placed in the same place. This will teach him good eating habits.

Avoid overfeeding
Review the feeding guidelines recommended on the puppy food package and measure each serving accordingly.

Make sure water is always available
Your puppy must always have access to a bowl of fresh clean water. Change the water regularly, as puppies tend to play with it.

Number of meals per day per size



## how to feed

Respect the puppy-to-adulthood transition As your puppy reaches adulthood, their nutritional requirements will change. It is important to provide your adult dog with a diet that will meet his nutritional requirements and needs. When changing your dog's diet, make sure to gradually mix the food over a seven day period, increasing the amount of the new food added each day so that $100 \%$ of the new food will be provided to the dog by day seven. This will help to avoid any digestive stress and diarrhoea.

One size doesn't fit all
Feed your dog a highly digestible food, precisely formulated for his age, size, breed and body condition. Not only do giant dogs like Great Danes look different than small breed dogs like Chihuahuas, they metabolize food differently and even age differently. Consider choosing health nutrition formulas with your puppy's adult size in mind.


## Food transition period



Days 1 \& 2
75\% usual food $+25 \%$ new food


Days 3 \& 4
50\% usual food $+50 \%$ new food


Days 5 \& 6
25\% usual food
$+75 \%$ new food


Days 7 \& after
100\%

> How to judge the quality of a dog food

| Short term | Palatability and digestibility |
| :--- | :--- |
| Mid-term | The development of the dog's body, ideal weight and <br> quality of his skin and coat |
| Long term | The development of the dog's health and overall <br> performance |

The quality of the food is dependent on the quality of the ingredients used. Highly digestible ingredients that provide all the nutrients the dog needs are key to a good dog food.


Definition
MINI includes dogs weighing 1 to 10 kilograms at adulthood. Their small size and lively, energetic personality make them popular among pet owners. They're also known for their long life expectancy, which can span as long as 14 to 16 years.

## Characteristics

Contrary to what you might think, miniature dogs actually have much higher energy requirements and require higher levels of protein and calories (per pound of body weight) than large breed dogs.

MINI dogs have small mouths and jaws. It's important to take this into account when choosing a food for your puppy.

The MINI dog's digestive tract represents 7\% of their total body weight, on average, compared to only $2.7 \%$ for large breed dogs. Therefore, it's critical to adapt the digestibility of your puppy's food to the size of his digestive tract.

Notably, MINI dogs are also frequently fussy eaters due to their special dietary requirements and the fact that owners often give them treats and table scraps, contributing to poor eating habits.



## Definition

MEDIUM includes dogs weighing 11 to 25 kilograms at adulthood. Historically, some medium sized dogs were bred for their energy and their physical ability to work outdoors. Today, MEDIUM dogs have adapted to a wide variety of lifestyles, from working farm dogs to household pets. Regardless of where they live, it is essential for MEDIUM dogs to get frequent exercise so they can expend energy. The MEDIUM dog has a life expectancy of 10 to 12 years.

## Characteristics

During growth, a medium-sized puppy increases its birth weight by 40 to 50 times. During this period, he needs a high intake of energy and nutrients as well as balanced amounts of calcium and phosphorus for good bone mineralization and harmonious growth to occur. During this time of growth, the MEDIUM puppy's digestive system is quite sensitive, requiring a highly digestible food to ensure a balanced intestinal flora.


Definition
MAXI includes dogs weighing 26 to 44 kilograms at adulthood. Many were originally bred as working dogs, so they can withstand tests of endurance such as long walks, working under extreme conditions or keeping guard and excel as livestock guardians, trackers, emergency rescue dogs or assistance dogs. MAXI dogs are faithful and affectionate and make ideal pets. The life expectancy of a MAXI dog is 9 to 12 years.

## Characteristics

The growth period for a MAXI puppy is approximately 15 months - almost seven months longer than the growth period for X-SMALL and MINI dogs. Through the course of this long growth period, the MAXI puppy's diet should contain a more moderate energy level to help maintain the puppy in optimal body condition. MAXI puppies also multiply their birth weight by 70 to 90 times, compared with 20 times for MINI dogs. Therefore, it's important that the nutritional needs of the MAXI puppy are met during this developmental stage in order to prevent malformation of the rapidly growing skeleton.


## GIANT dogs

## Definition

GIANT includes dogs that weigh 45+ kilograms at adulthood. Many GIANT dogs were developed to work in cold climates as rescue dogs. They have a life expectancy of 7 to 9 years.

## Characteristics

Its takes 18 to 24 months for giant breed puppies to reach their full size. Their birth weight will increase by 80 to 100 times during this period, which must be monitored carefully to prevent malformation in the skeleton and muscles. Body weight, combined with an active temperament, puts their joints under daily stress. A food rich in vitamins E and C, plus natural sources of glucosamine and chondroitin, can help protect the joints.


## ROYAL CANIN ${ }^{\star}$

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The growth period is a delicate time in a puppy's life. In the first stage of a puppy's life, their immune system is still developing, and it is most delicate during weaning. Nutrition must be balanced and appropriate for a puppy to reach his fullest potential.

ROYAL CANIN is the only complete nutritional answer to ensure the well being of the mother through gestation and the puppy for life. Developed through scientific research, ROYAL CANIN ${ }^{\circledR}$ Starter products are formulated for the health of both the gestating and lactating mother and the weaning puppy.

All of ROYAL CANIN ${ }^{\star}$ Starter formulas include START COMPLEX"' an exclusive combination of nutritional elements which are present in a mother's milk, reinforced with specific nutrients which actively contribute to promoting digestive security and strengthening the puppy's natural defenses.

## ROYAL CANIN ${ }^{\circledR}$ Starter Formulas

For puppies from three weeks to eight weeks


## ROYAL CANIN ${ }^{\circledR}$ <br> 

During the second phase of a puppy's growth stage, their body completes the building and developing of their bone structure and their adult teeth begin to grow. After weaning, a puppy gradually loses the immunity that had been transmitted through their mother's milk. So throughout the growth stage, your puppy's immune system requires strong nutritional support. Their digestive system is sensitive, too, and changing their diet during this time can cause great digestive upset.

All ROYAL CANIN ${ }^{\oplus}$ puppy formulas include an exclusive combination of nutrients to provide optimum digestive security and balanced intestinal flora that help improve the quality of the puppy's stool. A patented complex of antioxidants, along with probiotics, also help build their natural defenses.

## ROYAL CANIN ${ }^{\text {® }}$ Starter and Junior Formulas

For puppies from eight weeks to adulthood


Mini Starter | Medium Starter | Maxi Starter | Giant Puppy | Giant Junior


Vet-Exclusive Junior Small | Medium | Large

nutrition


Extensive observation of the unique characteristics of purebred puppies makes it possible to formulate diets to support the specific nutritional needs of the breed. Each breed has genetic and physiological factors that may predispose them to potential health concerns, as well as physical differences that may make even the simplest act of eating and digesting difficult. ROYAL CANIN ${ }^{\circledR}$ Breed Health Nutrition ${ }^{\text {™ }}$ Puppy formulas address these tendencies through exceptional, nutritional support based on excellent raw materials, quality nutrients and precise formulations.

Certain breeds have different facial structures that impact the way they grasp, chew and ingest their food. Each biscuit has been perfectly engineered in relation to the breed puppy's jaw in terms of shape, size and texture with exclusive natural aromas appealing to the breed.

## ROYAL CANIN ${ }^{\circledR}$ Breed Puppy Formulas

For purebred puppies from eight weeks to adulthood



##  <br> and training

Whether you decide to teach your puppy to perform entertaining tricks or not, there are some basic rules of life he must understand in order to be a welcome member of your household. Your training program should start as early as possible, while your puppy naturally has an excellent capacity for learning. Here are a few tips to get you started, but don't hesitate to call in professional help with your training. Most communities have dog clubs or "puppy schools" that can help you with your mission.


## Guidelines

When they arrives at your house, your puppy will most likely not be house-trained.

- Take they out frequently, after every meal and nap, before bed and as soon as you get up in the morning. At the beginning, take him to the same place every time so he can recognize his own scent.
- Congratulate your puppy for eliminating outside. Go outside with they so that you can give immediate praise with your voice and a pat.
- If they turn round and round or sniff the floor indoors, they need to go. But don't wait for your puppy to signal to you that they want to go out. Most puppies will not learn to signal their need until they first learn to "hold it" in the house.
- Never punish or reprimand a puppy who has had an accident. Instead, find ways to prevent your puppy from ever having the need to eliminate indoors.
- Most "accidents" happen by allowing too much freedom too soon. Confine the puppy to one or two rooms in the house where the family spends the most time so you can prevent accidents. Crate them when you can't supervise them. In the event of an "accident," disinfect the spot to remove their smell, but don't use bleach and don't clean it up while they're in the room, to avoid stimulating their interest.

Don't wait for your puppy to tell you
he needs to go out
Don't punish a puppy who has had
an "accident
and outings


## training



Toys
Providing interactive toys for your puppy will keep him occupied and active even when you're not home. Interactive toys are hollow inside so you can insert food or treats. Your puppy will have to figure out how to extract the food, keeping him busy for longer than traditional chew toys. Choose toys that are durable enough for your puppy's level of chewing and that are twice the size of his mouth to prevent choke hazards. Regularly check toys' conditions for damage and wear, and wash them frequently to prevent the development of bacteria.

## Exercise

Exercise should also be a part of your puppy's daily routine to keep him in top physical condition and to allow for exertion of energy. Consider your puppy's age, stamina, and overall physical capabilities and choose an exercise routine accordingly. For example, a walk around the block may meet one puppy's exercise needs, but another dog may require more activity than that.
Sports
Doing outdoor activities together is one of the wonderful things about having a puppy. Not only will this help him feel good, but it will also strengthen his bond with you. Certain sports, however, should only be practiced by dogs once they have finished growing. Dog training clubs are an excellent way to teach him a few simple exercises that will be useful when playing these sports in the future. Before beginning a sport with your puppy, ask for your vet's advice.

Start house training your puppy as

Traveling with your puppy
Get your puppy used to riding in the car from an early age so that it doesn't worry him. Here are a few tips on how to make car travel more comfortable for both of you.

- Sit in the car with the dog, playing with him and giving him a treat.
- Take a few short rides before any long trips.
- Taking your dog for a walk or playing in the yard can help to calm your dog before a trip.
- Always keep current tags and proper identification on your dog, including your cell phone number so you may be reached when you are traveling.
- Always keep your dog on a leash, even if he normally responds to voice commands, because he could easily get startled in a new environment.
- Ask your veterinarian about a sedative to counter your dog's travel-sickness, if that is a concern.
- Take along an adequate supply of your dog's regular food and medication, as well as bowls, waste pick-up bags and a plastic bottle of cold water.
- Dogs should not be allowed to ride with their heads outside car windows. Particles of dirt can enter the eyes, ears and nose, causing injury or infection.
- If you're not taking your dog with you, ask your vet for a referral for a good boarding kennel or pet sitter.

Calm your puppy before a trip
winh mild exercise or play
Make sure to pack your pu: trip
lood If you...............................

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## healthy living

## . preventative <br> health care

Good health starts with good hygiene. It is much easier to prevent an infection than to treat one that has already started. Here are some tips for managing common concerns that can lead to long-term health problems if ignored.

## Caring for your puppy's ears

Ear care should be part of your regular grooming routine. By check ing your puppy's ears often you will notice signs of irritation earlier and prevent painful and hard-to-treat infections. Puppies' ears are either long and floppy or erect. Their ear canals are not well ventilated and need to be checked more frequently. The type of hair growing on the ear (long, curly, short, etc.) is also an important factor. Weekly ear inspections and prompt veterinary treatment at the first sign of infection are important. To clean the ears, use a solution specifically formulated for a puppy's ears. Most ear cleaners work by breaking up and liquefying wax in the ear canal so it can be safely removed. Follow package instructions carefully to avoid injuring your puppy's ears.

## Caring for your puppy's eyes

Eye care is important for every breed of puppy. It's important to clean your puppy's eyes of any discharge, but there will always be some amount of tear-staining whenever hair rests around the eyes. Tear-staining results from the hair absorbing moisture produced by the eyes. The preferred method to clean your puppy's eye discharge is to use saline solution or eyewash designed specifically for puppies.

## Preventing loss

Consider microchipping your dog. A qualified vet will use a syringe to insert a tiny microchip beneath the skin, containing information to connect the dog with the owner.


## parasite



## Ticks

Ticks attach to a puppy's skin, preferring the most delicate areas. They use their mouths to pierce the skin and inject a special saliva, which solidifies into a very strong attachment point. The tick then consumes its meal of blood. Once the tick has finished its meal, it uses another type of saliva to dissolve the attachment point so the tick can drop off. The best way to remove a tick from your puppy is to use a special tick hook, rather than pulling it off with your fingers or tweezers. Because ticks can be carriers of diseases, consult your veterinarian if you see ticks on your puppy

## Worms

A multi-purpose deworming medication is used, usually consisting of a mixture of several anthelmintics providing a broad spectrum of protection. The dose should be adjusted for the puppy's weight. Your vet will provide you with a schedule for deworming. Stool analysis can also reveal worm eggs, and the worms can then be more specifically targeted by choosing the appropriate medication. The puppy's characteristics should be taken into account when deciding how to administer the deworming medication, whether as pills, paste or liquid. Consult your veterinarian for advice.

Parasitic infections affect the pariastic and coat

## Fleas

To effectively combat fleas, it is helpful to understand this parasite's life cycle. Though adult fleas may be the most visible to us, they are only part of the problem. Flea eggs and larva represent the major cause of future flea development in a home. Flea larva hate light so they hide in nooks and crannies, under rugs and between floorboards. After one or two weeks of life, the larva forms a cocoon, which is resistant to flea treatments and can lie dormant for more than five months. When in presence of humans or pets, the cocoons then hatch and adult fleas invade the environment. The fact that all of the cocoons can hatch simultaneously promotes massive infestations within a few hours. Adult fleas jump onto dogs and bite them in order to feed on the blood.


## A flea treatment needs to reach several major objectives:

Kill adult fleas on dogs living in the area by using insecticides. These insecticides can be used in spray or spot-on. The latest are small liquid vials which are poured onto the skin, usually between the shoulders. Oral preparations are also available.

Prevent fleas from developing in the environment. This can be done by using IGRs (Insect Growth Regulators) sprayed in the house to prevent egg and larva development.

- Before applying any treatment in the
environment, the whole area should be dusted and thoroughly cleaned through vacuuming.


Preventing obesity
Throughout growth, the puppy must be given a nutritional answer formulated to meet his specific needs. His requirements differ from those of an adult dog and depend on his rate of growth, which in turn depends on his future size at adult age. For example at ten months, a MINI dog has reached adult weight and has multiplied his birth weight by 20. A GIANT dog will continue to grow until 18 to 24 months and will multiply his birth weight by 100 .

Thus, in a larger dog with a lengthy growth period, rapid and excessive weight gain must be avoided in order to reduce excessive strain on his still immature joints, as this may cause him to develop bone and joint disorders as an adult. In a small puppy with a short growth period, the allowances must be regularly adjusted to prevent possible obesity.

## disease



## Vaccinations

Vaccinations help prevent contagious and sometimes fatal diseases. Some are required, while others are simply recommended. They are most effective when they are given at fixed dates with booster vaccinations. Puppies usually begin a vaccination program at the age of six to eight weeks.

Your vet will help you choose the vaccination program best suited for your puppy, depending on the risks he faces from lifestyle and environment.
Tell the vet where your puppy will spend time (visiting doggie day care or kennels, in the woods, traveling outside the country, etc.), as special vaccinations may be required.


## spaying and neutering

An important decision
Deciding whether to spay or neuter is an important choice that must be carefully considered. It is important to weigh the benefits of spaying or neutering against the possibility of being able to breed your dog in the future.

Potential benefits of spaying or neutering your puppy
Health Benefits

- Neutered pets generally live longer
- Neutering reduces the risk of testicular, prostate, mammary and ovarian
cancers and pyometra (serious infection of the uterus)
- Neutering prevents unplanned pregnancies
- Un-neutered animals have an increased risk of fight-associated injuries and diseases

Behavioral Benefits
Neutering can make your pet a calmer and more affectionate companion

- Neutering reducing aggression and territorial behaviour, urine marking and spraying and mounting behaviour
Un-neutered pets tend to stray and roam which increases the risk of
being injured by a motor vehicle



# first aid for dogs 

## NORMAL VITAL SIGNS

 ( HEART RATE: 70-160 BEATS/MINUTE<br>) RESPIRATION: 10 TEMPERATURE $375^{\circ} \mathrm{C}$ - 39 .................................... (1) TEMPERATURE: $37.5^{\circ} \mathrm{C}-39.2^{\circ} \mathrm{C}$ BNORMAL TEMPERATURES:

## Even if you provide your dog with everything he needs, accidents can still happen. Knowing what to do may save your dog's life. Study this guide and be prepared in the event of a pet emergency.

## Checking vital signs

Use rectal thermometers for puppies. Newer human digital thermometers are best. Heartbeat can be checked by placing a hand over the dog's chest. Respiration can be measured by observing the flanks or holding a wet finger in front of the nostrils. Measure both rates for 15 seconds, then multiply by four to get the rate per minute. Make sure the puppy is in a calm, resting state to ensure normal rates

Handling and transporting

- Don't assume a puppy won't bite or scratch when he's sick or injured. Don't put your face near his head. Muzzle him, if necessary, with gauze or soft towel strips.
- Wrap a small puppy in a towel and perform any examinations slowly and gently. Stop if he becomes agitated.
- Don't attempt to lift or drag a large injured dog. Improvise a stretcher out of a board, throw rug, child's sled, etc. Try to stabilize injuries. Rolled magazines or newspapers can serve as impromptu splints. Pad the limb and splint generously with rolled cotton and gauze if available, or improvise with suitable pillows, pieces of blanket, towels, etc.
- Make sure the splint immobilizes joints above and below the site of the injury.


## Supplies for a Puppy First Aid Kit

Alcohol-based disinfectantAntibiotic creamAntiseptic solutionBandaging materials: gauze pads and rolls, rolled cotton and self-adhesive elastic wrapsCotton ballsExtra blanketsHydrogen peroxideRectal thermometerScissorsBlankets and TowelsTweezersWhile there is no substitute for veterinary care if your puppy is injured, there are a few items you should have on hand to save precious time and give your puppy immediate relief.

Store your Puppy First Aid Kit in a sealed container in your home or car, and don't forget to pack it when you're traveling with your puppy.

Remember, if your puppy is injured, the most important thing for you to do is remain calm.


## Emergency Action Steps

The following situations generally require veterinary attention.
These action steps are designed to help you stabilize your pet while veterinary help is being obtained.

Call your veterinarian immediately for any medical emergency.

## Bee or Wasp Sting

1) Neutralize the sting.

Bee stings are acidic.
Neutralize with baking soda.
Wasp stings are alkaline. Neutralize with vinegar or lemon juice.Apply cold pack.Apply calamine or antihistamine creamIn case of severe swelling or difficulty breathing, transport to a Pet Hospital immediately.

## Bleeding

1 Arterial bleeding requires immediate veterinary attention.
Arterial blood will be bright red, will bleed in spurts and will be difficult to stop.

Apply a clean cloth or sterile gauze to the wound.
(3) Apply direct pressure for at least five to seven minutes to stop bleeding.
Don't apply a tourniquet unless absolutely necessary.

Heat Stroke
(1) Place in cool shaded area.
Immediately bathe dog with tepid water.
Do not leave the dog unattended while soaking, even if conscious.
(2) Monitor rectal temperature. When temperature drops to $103^{\circ} \mathrm{F}$, dry off the dog.Transport to a Pet Hospital.
Continue to monitor
temperature.
Do not allow animal to become excessively chilled.

## Possible causes:

Excessive heat and/or lack of shade, overexertion, lack of water (dogs differ in how much heat they can tolerate - even mildly warm, humid temperatures can stress some pets).

## Unconsciousness

(1) In case of drowning,
clear the lungs of fluid.
Lift dog's hindquarters
high over head and squeeze chest firmly until fluid stops draining.

In case of electrical shock, DO NOT touch the dog until they are no longer in contact with electricity source.In case of airway obstruction, the object will need to be gently removed.If dog is not breathing, start CPR. See CPR.

## Possible causes:

Drowning; electrocution; trauma; drug ingestion.

## Vomiting

(1) Examine vomit for blood or other clues as to cause.

2 Gently press on stomach to detect any abdominal pain.

## Withhold all food

 and water until a veterinarian has been consulted.If poisoning is suspected, bring a sample of the suspected poison, preferably in its origina packaging, to the veterinarian.Abdominal pain, enlarged stomach and unproductive vomiting are serious signs. Call your veterinarian immediately.

## Possible causes:

Poisoning; abdominal injury; motion sickness; disease; overeating; fear; brain injury; parasites.

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## Poisonous Substances

Vomiting is commonly caused by the ingestion of harmful substances. There are many items that are known poisons to dogs. Just like with children, make sure these items are locked up so your puppy can't get into them. For more information on poisonous substances, or for an item that isn't listed here, please consult Animal Poison Control website www.aspca.org/pet-care/poison-control/

| Symptoms | Toxic Foods | Toxic Plants |
| :---: | :---: | :---: |
| - Vomiting <br> - Diarrhea <br> - Difficulty breathing <br> - Abnormal urine (color, aroma or odor, frequency) <br> - Salivation <br> - Weakness <br> If your dog should ingest something harmful, contact a veterinarian or poison control center immediately. | - Almonds <br> - Apricots <br> - Avocados <br> - Balsam Pears <br> - Chocolate <br> - Coffee Grounds <br> - Fatty Foods <br> - Grapes <br> - Japanese Plums <br> - Macadamia Nuts <br> - Moldy or Spoiled Food <br> - Mushrooms (if also toxic to humans) <br> - Onions and Onion Powder <br> - Pear and Peach Pits <br> - Raisins <br> - Yeast Dough | - Azaleas <br> - Diffenbachia <br> - Lilies <br> - Rhododendrons <br> - Rhubarb <br> - Spinach <br> - Tomato and Potato leaves and stems <br> - Tulip and Narcissus bulbs <br> - Mistletoe <br> - Mushrooms and Toadstools (if also toxic to humans) <br> - Wild Cherry |

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## Common Poisonous Household Substances

| - Alcohol | - Fertilizers | • Potpourri (liquid) |
| :--- | :--- | :--- |
| - Acetaminophen | - Furniture Polish | - Rat Poison |
| - Antifreeze | - Gasoline | - Rubbing Alcohol |
| and other car fluids | - Hair Colorings | - Shoe Polish |
| - Bleach | - Insecticides | - Sleeping Pills |
| - Boric Acid | - Kerosene | - Snail or Slug Bait |
| - Cleaning Products | - Matches | - Turpentine |
| - Compost Piles | - Mothballs | - Vitamins |
| - Deodorants | - Nail Polish and Remover | (human or overdose |
| - of pet vitamins) |  |  |
| - De-icing Salts | - Paint | - Weed Killers |
| - Detergents | - Pennies, post 1982 | - Windshield-Wiper Fluid |
| - Disinfectants | (due to the high | - Xylitol-Sweetened Products |
| - Drain Cleaners | concentration of zinc) |  |

- Flea Products
(Used incorrectly or due to individual hypersensitivity
- Prescription and NonPrescription Medicine


## CPR for Dogs

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CPR is necessary if your dog is no
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CPR is necessary if your de
Possible causes: chokingpossible causes: choking, drowning or
unconsciousness from allergic reaction
shock, poisoning,Lay the dog on their side and remove any obstructions in the airway. Open mouth, pull tongue forward, extend neck and sweep mouth with finger if safe to do so.If the airway is clear, extend the neck, hold the tongue out of mouth and close the dog's jaws over their tongue.Holding jaws closed, breathe into both nostrils for five to six breaths. If there is no response, continue artificial respiration (see below). If there is no pulse, begin cardiac compressions.Depress the widest part of the chest wall 1.5 to 3 inches with one or both hands. Refer to compressions per minute chart for weight specific info.Continue artificial respiration. Refer to breaths per minute chart for weight specific info.

| Weight | Compressions per minute | Weight | Breaths per minute |
| :--- | :--- | :--- | :--- | :--- |
| Under 2kg | Place hands around rib cage <br> and apply cardiac massage | Under 2 kg | $30+$ breaths per minute |
| $2-5 \mathrm{~kg}$ | $120-140$ times per minute | $2-5 \mathrm{~kg}$ | $30+$ breaths per minute |
| $5-30 \mathrm{~kg}$ | $80-100$ times per minute | 50 kg | $16-20$ breaths per minute |
| over 30 kg | 60 times per minute | over 30 kg | 12 breaths per minute |

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## My Pet's Information

## Information

Pet's Name
Owner
Address
$\qquad$

City
$\qquad$
$\qquad$

License number
$\qquad$
$\qquad$
$\qquad$
$\qquad$
Date of birth ................................................................ Acquired ...................................................................
Where Acquired
Breeders Name
Phone.
..Email

## Feeding information

| Diet name | Change to Adult Food At .................................Months |
| :---: | :---: |
| Food Portion | Cups/Grams ...................................................imes Per Day |

Provide Clean, Fresh Water At All Times. Refer to bags for specific feeding guidelines.
Medical information
Allergies
Special Medications $\qquad$

Special Conditions $\qquad$

## Medical/Surgical History

$\qquad$
$\qquad$
$\qquad$

## Emergency Numbers <br> ASPCA ${ }^{\ominus}$ Animal Poison Control Center

ป) After-hours Emergency Clinic or Veterinary Hospital

## Vaccinations and Health Exam Dates

Distemper/Hepatitis/Parainfluenza
Parvovirus..
Rabies (1 year)
Rabies (3 year).
Bordetella.
Leptospirosis
Coronavirus
Lyme disease (Borrelia).
Deworming $\qquad$
Fecal exam..
Heartworm exam.
Body Condition Score

## Additional Information

$\qquad$
$\qquad$
$\qquad$

## ROYAL CANIN

The most comprehensive health nutrition solution for every dog at every life stage.

