

Complete food for the targeted tackling
of dental problems



***My dog has dental problems...
what do I do now?***



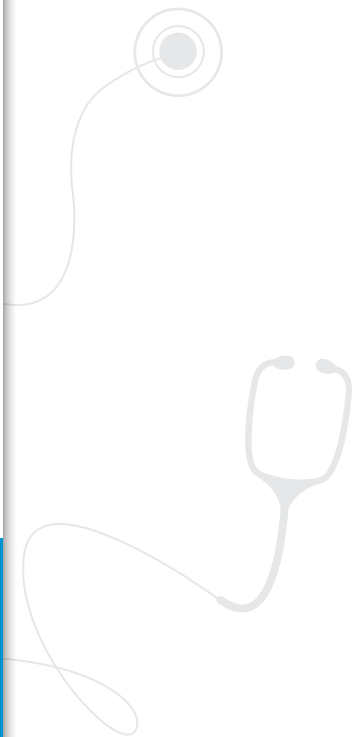
Veterinary exclusive



reliable and affordable dietary pet food



Veterinary exclusive



The veterinarian has diagnosed that your dog has dental plaque or tartar build-up. A dental treatment will be the follow-up treatment. How does plaque and tartar build-up occur and what are the possible consequences for your pet? What is the course of the treatment to get your dog's teeth healthy again? This folder will give you insight in the recognition, prevention and, when needed, the treatment of dental problems, with the aid of a special food for your dog. Special food has multiple advantages, compared to other dental treatment products.

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Dental problems are common in dogs and are an important cause of a bad odour coming from the mouth. Research has shown that tartar build-up is a problem in twenty percent of all dogs. Inflamed gums, called gingivitis, also occurs in twenty percent of all dogs. When the dog gets older, the chance of developing dental problems increases. Dental problems can have negative effects on various organs.

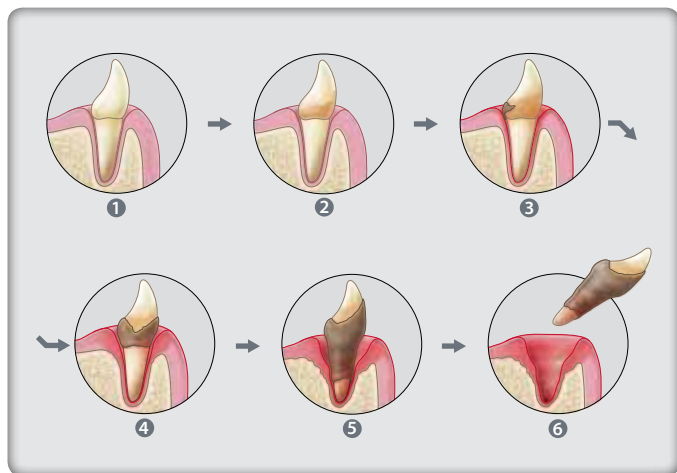
How do dental problems develop?

The most important cause of dental problems is the formation of dental plaque and tartar. Plaque formation is caused by bacteria that are present in the mouth. These bacteria form a thin layer of plaque on teeth of your dog.

When the dental plaque is not removed on daily basis, this layer can be transformed into tartar. Dental tartar is formed when calcium from the saliva binds with the plaque layer, which causes it to harden. On top of this thin layer of tartar a new plaque layer can form, which will bind calcium. This way the tartar layer slowly grows. The tartar may eventually supplant the gum, leading to an inflammation called gingivitis, resulting in pain and bad breath.

Without treatment, inflammations in the mouth will worsen and will spread under the gum tissue. This is called periodontitis. This causes the gum to retreat and can result in loose teeth. Also, oral cavity infections often give rise to the formation of inflammation elsewhere in the body. As a result, kidney, liver and heart problems may develop.

Pathological development of periodontal problems



- 1] Healthy teeth and gums
- 2] Dental plaque formation
- 3] Dental tartar formation
- 4] Gingivitis (inflammation of the gums)
- 5] Periodontitis (developed stage of gingivitis)
- 6] Potential loss of teeth

Did you know that...

... bad breath in dogs is not normal. This often indicates an inflammation in the mouth. Inflammations cause pain. Humans also value good oral care.

Ask what your veterinary practice does in dental care.

Symptoms of dental problems

An unpleasant breath is noted very quickly by every owner. Other dental problems are also quite easy to detect. A look inside the mouth of your dog gives you or the veterinarian a quick insight into condition of the teeth. Pay attention to the amount of deposits on teeth and the condition of the gums.

The teeth should be clean and gums should be pink, without bleedings or irregularities. If your dog is having trouble chewing, there is a chance that he or she experiences pain when eating. Plaque and tartar can be recognised by the light to dark coloured deposits on the teeth.



Healthy teeth

How to recognise dental problems?

- > Difficulty eating
- > Excessive drooling
- > Unpleasant smell from mouth
- > Light to dark coloured deposits on teeth
- > Redness around gums and teeth
- > Bleeding gums

Treatment and the role of nutrition

Dental problems can be largely prevented by regular dental care and by giving special dental care food.

How to treat and prevent dental problems?

To get your dog's teeth healthy again, treatment is necessary. This treatment usually involves the teeth being cleaned under anaesthesia. This is necessary in order to prevent your dog from losing teeth. A neglected inflammation of the gums has unpleasant consequences, such as possible inflammation in other places in the body. When the teeth are cleaned, it is important to maintain healthy teeth and prevent recurrent plaque and tartar build-up.

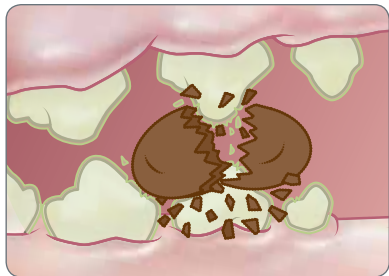
There are several types of tooth cleaning products available, such as toothbrushes, toothpaste, tooth cleaning sticks, a liquid solution to be used in drinking water and dental care food. A number of these products can have disadvantages. Brushing the teeth can be time consuming and it is only useful when done on a regular basis.

Tip:

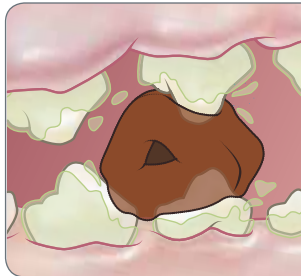
Teach your dog (if possible from an early age), that you are allowed to look into his or her mouth. Always do this step by step and regularly reward your dog. This way your dog will get used to the checks and will experience minimal stress during future checks.

Nutrition

Dental care food offers many advantages. Dogs eat more than once a day, which means that food is an effective option in the prevention of dental problems. A special dental care diet can help reduce the formation of dental plaque and tartar.



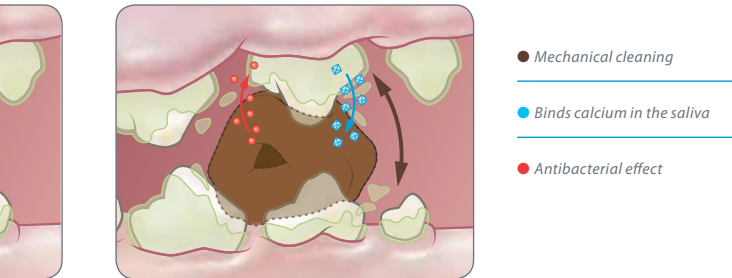
Basic kibble



Dental kibble

The efficacy of such products is based on the three following properties:

- 1] Mechanical cleaning of the teeth during chewing, by the special shape, size and structure of the kibble. By making the kibbles larger, the dog will chew better. The structure and size of the kibbles are adapted so that the teeth penetrate the kibble and do not immediately break it. This results in the kibble scrubbing the teeth and cleaning them.
- 2] Addition of sodium polyphosphate binds calcium from saliva and helps to reduce tartar formation. Zinc also reduces the possibility of calcium binding to dental plaque.
- 3] It helps to reduce the number of plaque-forming bacteria in the oral cavity, by adding ingredients with an antibacterial effect, such as xylitol, lysozyme and lactoferrin.



Dental kibble

TROVET Dental | OCF

To keep your dog's teeth as healthy as possible, TROVET has developed a special complete food for both large and small dogs:

- > Dental for large dogs.
- > Dental mini for small dogs. The properties of efficacy of Dental mini are, with the exception of the size, the same as Dental.



The unique structure and shape provide a less brittle kibble and promote a scrubbing effect. Dental is an elastic kibble that allows the tooth to sink deep into the kibble. This results in better contact with the tooth surface. Eucalyptus oil is added to help reduce an unpleasant breath. Added xylitol, lysozyme and lactoferrin reduce the bacterial growth. Addition of substances with a so-called anti-oxidative effect, such as vitamin C, vitamin E and green tea extracts help in supporting the immune system in the oral cavity. As a result, the resistance of the oral cavity will be favourably influenced. Nutraceuticals and active ingredients provide a fresh breath and help prevent the formation of dental plaque.

TROVET Dental contains many active ingredients (nutraceuticals) which have a preventative effect against periodontal diseases.



Dental is also available in 250g packaging. In this small packaging the product is perfectly suited for using the kibble as a treat.



Dental



Dental mini

TROVET Treats

TROVET has an extensive range of responsible rewards, also known as treats. Most treats are suitable for both healthy dogs and cats, as well as dogs and cats with a special dietary requirement or prescription diet. The TROVET treats are cookies in different shapes and are an ideal reward that can be used during training, after a walk or just as a snack.



Basically all TROVET treats can be used in dental problems. However, preference is given to one of the Hypoallergenic Treats (ear, neck, stomach or tendon). These treats have properties which are similar to dental care diets, the so-called 'mechanical cleaning'. Structure and shape of the treats promote a scrubbing effect and thus reduce the formation of dental plaque.

Treats suitable for dental problems:

- > Hypoallergenic Treat (Duck) | HDT - neck
- > Hypoallergenic Treat (Horse) | HHT - tendon
- > Hypoallergenic Treat (Ostrich) | HOT - stomach
- > Hypoallergenic Treat (Rabbit) | HRT - ear
- > Hypoallergenic Treat (Venison) | HVT - tendon

The above treats are also ideally suited for dogs with dental problems that are fed a hypoallergenic dietary food, based on the same protein source.



For pet owners, there is a more detailed treat brochure 'I want to give my dog or cat something extra besides dietary food...what do I do now?'. You can find these at your veterinary practice or at www.trovvet.com.



Hypoallergenic Treat (Duck) | HDT - neck
Average dimensions/treat: 21cm, Ø 2cm



Hypoallergenic Treat (Horse) | HHT - tendon
Average dimensions/treat: 21cm, Ø 3cm



Hypoallergenic Treat (Ostrich) | HOT - stomach
Average dimensions/treat: 15cm x 15cm



Hypoallergenic Treat (Rabbit) | HRT - ear
Average dimensions/treat: 24cm, Ø 4cm



Hypoallergenic Treat (Venison) | HVT - tendon
Average dimensions/treat: 22cm, Ø 2cm



reliable and affordable dietary pet food

For the complete range of TROVET
products, visit: www.trovvet.com



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