



New Mills
Modbury
Ivybridge
Devon PL21 0TP
TEL: 01548 830210
FAX: 01548 831310

Derby Road
Kingsbridge
Devon
TQ7 1JL
TEL: 01548 852766
FAX: 01548 856606

Kerswill House
Cornwood
Ivybridge
Devon PL21 9HT
TEL: 01752 892390
FAX: 01752 894864

Don't forget our two new website buttons!!

Interactive Symptom Guide

If you are worried about your pet or horse, click here for advice on how quickly they need to be seen.

You can interrogate this guide when your pet or horse is poorly, to see whether they need to see a vet (and how quickly), or whether some simple treatment at home is sufficient. We hope that you will find this useful if you are concerned about calling the surgery or duty vet unnecessarily – remember, though, we always have one nurse and two vets on duty out-of-hours so their advice is always available too!

facebook

The practice is now on Facebook, so do become a friend! That way you will always hear of our news or promotions, and you can always leave pictures, comments or questions. We look forward to hearing from you!



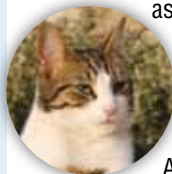
www.southmoorvets.co.uk

Also in this issue:

- Worms: a wriggly problem!
- Amazing X-rays!
- Lungworm – a potential killer

Autumn aches: is your pet affected?

WITH the cooler, damper Autumn weather upon us, now is the time when we all start to feel our aches and pains, and your pets are no exception. Look out for limps and difficulty in rising after rest – these are signs that your pet may have joint stiffness and pain which can be made much worse by cold or damp weather.

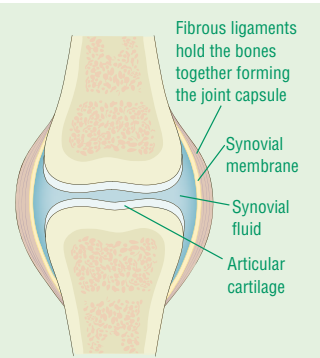


The joints that are most susceptible to arthritis are those associated with limb movement; these joints are called synovial joints. The ends of the bones are covered by very smooth articular cartilage and the joints are also lubricated with synovial fluid – allowing friction free movement.

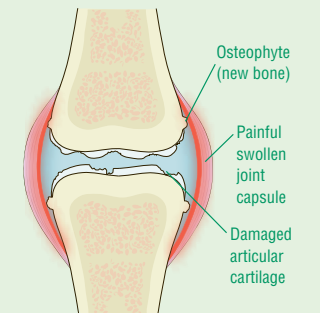
Arthritic joints typically show a progressive breakdown and thinning of the cartilage lining the ends of the bones and formation of secondary new bone around the joint. Affected joints usually appear stiff, swollen and painful.

In the majority of cases, arthritis occurs secondary to a lifetime of wear and tear on the joints. Arthritis may also occur following joint trauma or due to a malformation of the joint.

The good news is that novel forms of medication together with weight control (which is also very important), can make a *huge* difference to the lives of affected pets. If your pet is showing signs of stiffness, come and see us for a check-up!



Healthy synovial joint with smooth articular cartilage



Arthritic synovial joint with damaged articular cartilage

Early socialisation of young pets



YOUR new pet has arrived and you've sorted out feeding, worms, fleas and vaccinations – but don't forget training and socialisation! You may be surprised to learn that exposing young puppies to a range of sounds and experiences, in a controlled and gradual manner in the first three months of life (whilst pups are naturally investigative), can be of help in *preventing* them developing fears, phobias and behavioural problems.

Even before your pup is fully vaccinated, try to familiarise him with safe environments such as your house, garden and car. Short car trips will introduce him to traffic and other loud noises. As soon as he has developed immunity from his vaccinations, it's important to get him out and about, to meet as many other dogs and pups as possible and to come across farm animals and other pets to build up his confidence.

At Kingsbridge we hold a puppy socialisation class on Thursday afternoons. We can also help with any aspect of puppy care. Please contact us for more details.

Firework phobia!

Unfortunately, despite your best efforts, some pets just hate fireworks. It is always advisable to keep pets indoors on firework night and this is especially important for those pets that are phobic about noise. Ensure nervous dogs have somewhere sheltered to hide. Keep the windows and curtains closed and try to have music or the TV on to help mask the sound.

Nervous pets may also benefit from a DAP diffuser to reduce anxiety. The diffuser needs to be plugged in 2-3 weeks *before* the event to have best effect. Noise desensitisation CDs, played over a long period of time, can also help.



Worms: a wriggly problem!



THERE are an array of worms which can affect dogs and cats, but for simplicity, these can be split into two basic groups – **roundworms** and **tapeworms**. A heavy worm infestation can cause a range of symptoms including vomiting, diarrhoea, loss of appetite, and weight loss. In addition, a new and serious threat to dogs comes in the form of **lungworm** – *Angiostrongylus vasorum* (Please contact your practice for more details on this).

Roundworms are spaghetti like in appearance and live in the small intestines. Here they shed thousands of tiny eggs per day, which pass out in the faeces and contaminate the environment, where they can survive for several years (long after the faeces has broken down). Dogs and cats are then re-infected by inadvertently eating the eggs. The eggs also pose some risk to children if they are unwittingly swallowed. Puppies and kittens are often heavily infested with roundworms, ingesting roundworm larvae via their mother's milk.

Tapeworms live in the small intestines and consist of a head and a long flat segmented body. They shed small segments containing eggs which pass out in the faeces or which may be found around the tail area. As the segments break down, the eggs may then be eaten by an intermediate host; these include small rodents and fleas. Cats commonly catch and eat small rodents and both cats and dogs swallow fleas as they groom, thus re-infecting themselves with tapeworms.



It is important to note that just because you don't see any evidence of worms in your pet's faeces doesn't mean they are necessarily worm free since roundworm eggs are microscopic, and tapeworm segments can be hard to spot. The good news is that worms can be prevented by following a few simple rules: worm your pets regularly, use regular flea control, keep gardens clear of faeces, and when out and about, clear up mess and use appropriate bins. Additionally, encourage children to wash their hands properly after playing with pets or in the garden.

Please ask us to advise you on the most effective worm *and* flea control regime for your pet – contact us today for further information!



Typical roundworms in this case *Toxocara canis*



Tapeworm segments e.g. *Taenia taeniaeformis*



Both small rodents and fleas act as *intermediate* hosts for tapeworms.

Toxic Alert!

Permethrin spot-on poisoning in cats – cat owners beware!



Many over the counter, *canine* spot-on flea products bought from supermarkets and

pet shops contain permethrins or similar products. While these are perfectly safe for dogs, they should never be applied to cats, since permethrins are very poisonous to cats, causing fits and sometimes death. Whilst this is a year round hazard, a seasonal rise in fleas in the Autumn makes this a particular risk at this time of year. We have an excellent range of safe and effective flea products for your pets – please ask us to advise you on the best one for you!

Xylitol toxicity in dogs



Xylitol is a popular sugar substitute increasingly used as a sweetener in sugar-free chewing gum and other

confectionery. It can also be used as an ingredient (replacing sugar) in home baking.

Whilst perfectly safe in humans, when products containing xylitol are eaten by dogs, it triggers a sudden release of insulin which causes a dramatic drop in blood sugar levels and can lead to liver damage as well. With an increasing number of products containing xylitol, this is something to be very aware of.

Antifreeze toxicity in pets

Ethylene glycol, used as antifreeze in car radiators, is a potential hazard for many pets at this time of year. It is sweet tasting and very palatable to both dogs and cats, but also very toxic. If ingested, even small amounts can cause serious kidney failure and usually death. Any spilt antifreeze is a huge hazard for pets.

Amazing X-rays!



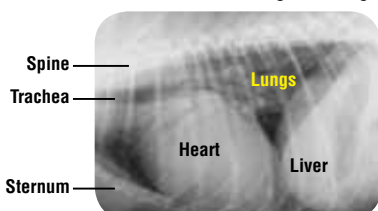
IT'S AN astounding fact that x-rays were discovered over 100 years ago – in 1895, and within a year of their discovery were being used clinically to diagnose and assess bone fractures.

The really good news is that in modern day veterinary medicine, we can use x-rays to investigate a wide range of problems in pets. Although x-rays show up bones best of all (and are

particularly useful in diagnosing broken bones, arthritic changes and bone disorders), they are also used for looking at the size, shape and consistency of a number of other organs.

Chest radiographs (such as the example bottom left) allow us to assess the heart and lungs, whilst radiographs of the **abdomen** allow us to visualise internal organs such as the liver, stomach, intestines, kidneys and bladder. With x-rays, we can identify organs that have changed in appearance (for example the enlarged heart in the radiograph bottom left).

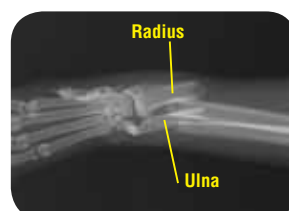
As you can see, radiography allows us to “look inside” your pet, without having to do an operation and the information it gives us helps us to make a diagnosis in a huge range of conditions. As mentioned in a previous newsletter we now have a digital developer at Kingsbridge which makes it easier to get a diagnostic image and can be used for horses aswell.



Chest radiograph of a dog with an enlarged heart and elevated trachea



Abdominal radiograph of a cat. Barium outlines the stomach and intestines



Radiograph of a dog with a fractured fore-limb involving both radius and ulna bones.