

"Mack" White's Story

Mack is a young boisterous 50 kg Rottweiler who owns Bronwyn, one of our nurses, whom many of you will be familiar with. Mack unfortunately ruptured his cruciate ligament so we repaired Mack's cruciate with the latest specialist technique called "TTO".

This is a long procedure requiring perfect knee Xrays to determine the exact angles in the knee so we can alter these angles by cutting the bone & then plating the fracture to achieve the desired end result. Its complicated but gives the best repair for cruciate disease for dogs over 20kg in size. Although it is a specialist procedure, we are qualified to perform TTO at Pet Universe.

However, TTO surgery takes a long time under anaesthetic & Mack was anaesthetised for over 4 hours in total! As per our new standards of care & continuing our philosophy of state of the art monitoring, Mack's anaesthetic monitoring included Capnography, Pulse oximetry & Blood Pressure.

Mack's blood pressure dropped slightly 25 minutes into the surgery for no obvious reasons but all his parameters remained stable. Once mean arterial pressure drops below 60 mmHg, we expect that blood supply & oxygenation to internal organs becomes compromised. We responded with cardiac stimulants & increasing intravenous fluid rates & brought his blood pressure back to normal & this was maintained throughout the entire procedure.



Up to 25% of routine anaesthetic patients will have low blood pressure undetectable unless blood pressure monitoring is done. Low blood pressure results in poor blood flow & hypoxia (suffocation) to tissues. In the intestines, this means bacteria leaks into the blood stream; in kidneys, cells die & damage is often permanent; in liver, it means the drugs are not metabolised normally; in the heart, arrhythmias & if severe enough, heart attacks.

Often younger patients have more healthy reserve & this damage goes unnoticed, but with older patients with less healthy tissue mass, organ failure can occur even weeks after an anaesthetic! Pet Universe now has blood pressure monitors dedicated to each anaesthetic table so you can rest assured of the safest possible anaesthetic for your pets. Mack's recovery at his post-operative check up has been as expected & he is still very much in charge!



PET UNIVERSE NEWS

The latest news & views from your pet's point of view from Pet Universe Broadview & Northgate

How Much Is That Doggy In The Window?

Choosing a pet is an important decision - it involves taking responsibility for another life. Often however, it's done on impulse & without full consideration of the pet's needs & what your lifestyle can offer this new family member.

Who wouldn't love to have Lassie? But have you considered the amount of grooming that coat needs? Or puppyhood destruction – shoes, garden chairs, watering systems? Does your family suffer from allergies? Yet a pet properly selected can enrich our lives & even extend our life span! When choosing a pet, decide on

- ★ why you want a pet & the amount of time you have now (& in the future) to take care & play with it.
- ★ Are there other pets or children to interact with?
- ★ Is your environment suitable?

Make a list of species you are interested in -include pocket pets, rabbits, ferrets, fish, birds, dog, cat, pigs, horses, miniature cattle, wildlife etc. Consider their natural needs & instincts & suitability to your lifestyle & home. And finally, budget for it. Why not double check your decision & log on to Choose-A-Pet page at www.petuniverse.com.au or call us for a complimentary Choose-A-Pet appointment.

A few broad rules to follow are;

- ★ build runs/tanks/kennels etc
- ★ ensure good genetic stock – e.g. reputable breeders & pet stores.
- ★ look at the litter, choose from several & avoid picking the smallest / thinnest.
- ★ choose the average weight & ensure it's healthy - check skin, eyes, ears, legs, gait, mouth & teeth. When in doubt compare to others of the same sex & age. Choose a confident animal as long as there is no signs of aggression. Avoid fearful behaviours. Play with the animal & handle them for 10-20 minutes before making your final selection.

Our complimentary Choose-A-Pet or New Pet Appointment is run by our experienced nurses & are by appointment only. We'll take you through the necessary steps to make sure you & your new family member gets off on the right paw! (or claw or...)



We match the best species & breed to your lifestyle. Then we'll give you the low-down on the all important issue of temperament testing, so you can literally road-test a likely candidate before making any decisions.

Finally, our nurses will give you lots of advice on how much time & money you'll need to devote to your chosen baby, as well as what gear is necessary & how to pet proof your home. Training & basic healthcare & vet care tips will be covered too. And most importantly, your questions will be answered. And once you have collected your new arrival we are happy to offer a Complimentary New Pet Health Check with one of our veterinarians.

(please note if any medical conditions require treatment, tests, surgery or medication a consult fee & normal service fees will apply).

Enjoy choosing your new pet.

Yours selectively,

Dr. Christopher Lee
Principal Veterinarian

Continuing Practice Education at Pet Universe

As always we strive to keep up to date with the latest thinking on healthcare & practice management. In September Claire Lee, Business Manager attended the Australian Veterinary Business Conference in Launceston, Tasmania. This 3-day conference featured international speakers from the veterinary industry as well as other industries & highlighted many ways to enhance customer service as well as streamlining in-house procedures. Dr. Carl Jarrett attended an advanced dentistry workshop in August run by Dr. Anthony Caiafa, Associate Professor in Veterinary Dentistry at Melbourne University. Bronwyn White started her Certificate 2 Nursing Course this winter & Deputy Head Nurse at Broadview, Chelsea Forrest-Smith, will attend a New Supervisor Course this Summer at the Australian Institute of Management in South Australia. And last but not least Dr. Mayumi Yoshino will be a delegate at the much awaited Ultrasound Workshop to be held in Melbourne in November.

Behavioural Training Program



PET UNIVERSE OBEDIENCE ACADEMY	Puppy Preschool	Every Tuesday 6.30 - 7.30 p.m. at Broadview
	Puppy Preschool	Every Wednesday 6.30 - 7.30 p.m. at Northgate
	Kitten Kindy	Early evening at Broadview - time available on application
	New Pet or Choose A Pet	Nurse Consult. By appointment only

HOW TO FIND US...



Pet Universe Veterinary Centre Broadview
71 Hampstead Road
Manningham SA 5086
8266 4666

OPEN 7* DAYS & 24/7 EMERGENCIES
*Pet Universe Broadview only for Sunday consulting 10-5pm

Pet Universe Veterinary Centre Northgate
Cnr Fosters Road & Folland Ave
Northgate SA 5085
8369 3111



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New Pet / Choose-A-Pet Appointment

2 minute Pet Selection programme
Expert nurse pet care advise
By appointment only
Call: 8266 4666 / 8369 3111

Complimentary

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Our Secret Service Continued



An Interview with Hayley Gilkes...

My childhood dream was to become a veterinary nurse so in Year 11 at school I attended TAFE & completed a certificate in An Introduction to Animal Care. When I finished Year 11, I took a grooming position in a busy grooming salon until I saw an advert for a grooming position at Pet Universe Vets.

I jumped at this opportunity & after a few months of grooming was asked if I would like to join the nursing team. Two years later I completed my Certificate 4 in Veterinary Nursing and I am now thrilled to be in my new role as Deputy Head Nurse at Pet Universe Northgate. I have three adorable pets at home - my cats are Felix (a real sook) & Bailey, & my Kelpie Jessie (a real live wire) who we take to the beach on a regular basis to burn off some excess energy!

Favourite Food: Ooohhh... I have so many. Perhaps seafood?

Favourite Hobbies: Yoga & going to veterinary seminars

Favourite Venue: Clubs - I love partying & dancing

Favourite Movie: The Dark Knight with Heath Ledger - actually any movie with Heath Ledger

Favourite Pet: Felix, Bailey & Jessie

Say Goodbye to Bites & Scratches

Pet Universe would like to introduce you to a great new product Profender[®] for cats – the world's first totally tablet-free intestinal wormer for cats. Profender[®] is a spot-on product, applied to the back of the neck which means no more struggling cats.

Pre-measured tubes make application of Profender[®] quick, simple & stress-free. With no need for tablets, Profender[®] will take the stress out of worming for you & your cat.

Developed specifically for cats, Profender[®] protects your cat from hookworms, roundworms & tapeworms in one easy treatment. It is the only intestinal wormer that kills all infective stages of the relevant intestinal worms in cats in Australia.*

Profender is tough on worms, but gentle on your pet. Profender can be used on kittens from 8 weeks of age weighing more than 0.5 kg & it is safe to use on pregnant & lactating queens.

Dogs & cats infected with worms pose a potential threat to your family – especially children. Because of the close bond we share with our animals, some of the gastrointestinal worms that affect your pet can be transmitted to humans with potentially devastating effects. Children are particularly at risk as they can easily come in contact with worm larvae that can penetrate skin, causing serious scarring & inflammation. Or, in the worst cases, the larvae can cause more serious problems such as blindness.

Cats should be treated with Profender[®] every 3 months to ensure they remain free from worm infestations. It is vital to ensure regular worming as in rare cases, some of these worms can potentially be transmitted to humans.



profender[®]
SPOT-ON

**Take the stress out of worming your cat.
Call in to Pet Universe & pick up Profender[®] today.**

*Based on registered claims.

Road Testing

The PWD

U.S. Senator Ted Kennedy had three & now The First Dog is one! The Portuguese Water Dog, aka The PWD, is a breed of working dog originally from the Algarve region of Portugal.



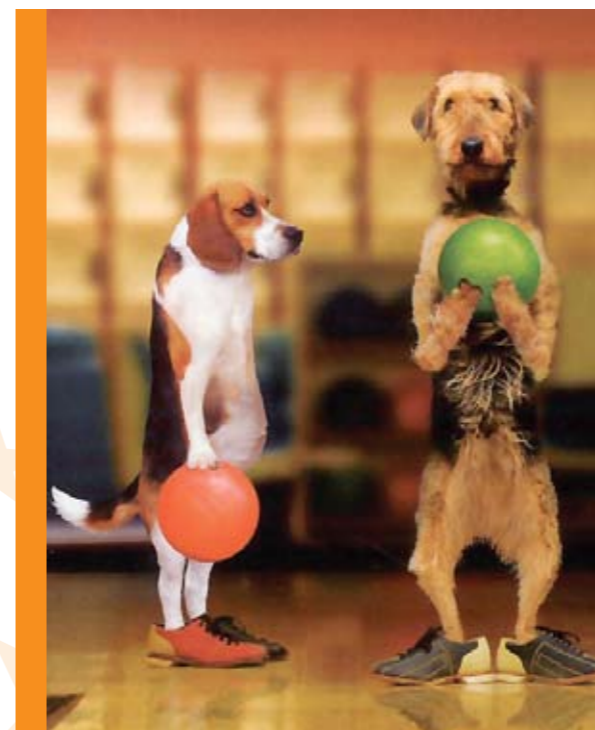
Fisherman taught them to herd fish into nets & to retrieve broken nets & lost tackle. They also acted as couriers from ship to ship, & shore & travelled on trawlers from the warm Atlantic waters of Portugal to the icy Icelandic ocean to catch cod.

The PWD are thought to be closely related the Barbet & Standard Poodle. PWDs are highly intelligent, can have curly coats, have webbed toes for swimming, & do not shed. However, Portuguese Water Dogs are more robustly built than Poodles, with stout legs, & can have a wavy coat instead of tightly curled.

In the "lion cut", the hindquarters, muzzle, & the base of the tail are shaved & the rest of the body is left full length. The traditional "fishing" cut was designed to diminished the initial impact & shock of cold water when the breed jumped from the boats, as well as providing warmth to the vitals. The hindquarters were left shaved to allow easier movement of the back legs & the breed's powerful, rudder-like tail.

PWDs make excellent companions; they are loving, independent, & intelligent & are easily trained in obedience & agility skills. Once introduced, they are generally friendly to strangers, & actively enjoy being petted. However, PWDs are not for everyone: because of their intelligence & working drive, they require regular intensive exercise as well as mental challenges.

They are gentle & patient - but not "couch potatoes", & boredom may cause them to become destructive. PWDs are rare but are bred & sold in Australia.



What Happens When... Your Dog's Home Alone?

Dogs become destructive due to two main factors - breed & boredom. An active, highly intelligent dog such as farm, hunting & guard dogs need a high level of companionship & interaction.

If your dog starts becoming destructive consider if his emotional needs have been satisfied, or decide whether the destructive behaviour is due to anxiety. Anxiety based behaviour is a disease & will require a confirmed veterinary diagnosis as well as treatment.

You can now prevent destructive behaviour due to boredom/frustration by satisfying your dog's emotional need for companionship followed by environmental enrichment.

Your dog will respond to a set daily routine where their need for companionship & exercise is fulfilled. E.g. when your dog wakes up in the morning or sees you after work you should spend 15 -20 minutes in a high-energy activity. (walking, playing ball etc) This will burn up frustration & aid relaxation.

On leaving for work ensure different play toys are available. We all get bored if we have the same toys all the time. It's not the number of toys but how they're used- so rotate toys daily. The best toys are those that stimulate (usually food or sound based). We recommend the Home Alone tugging toys, buster cubes, biscuit balls & noisy, squeaky balls & toys. For further advice please talk to any of our nurses.

Grooming Tip of the Season

Keep pets knot-free

& book a hydrobath

for a skin-deep cleanse

Have you kept up with your pets' grooming needs this Winter? Most of us prefer our pets' coats longer & avoid messy bathing sessions when its cold.

So why not book in early at The Dog Spa or Cat Clips & beat the summer rush. On arrival our trained staff will run their hands through your pet's coat & advise on the best grooming service for them. Dogs & cats with lots of mats may require a short clip & wash whereas others may be able to have some of the bulk taken out & preserve the coat length.

As an added service we now scan your pet's written grooming brief & attach it to their computer records so when you visit next time & want "the same again" we have all the details!



Blood Pressure Monitoring @ Pet Universe

Pet Universe anaesthetic monitoring continues to be state of the art.

Pet Universe has gained an enviable reputation for advanced surgery but often the most important factor, irrespective of all our surgical skill, is whether our patients survive the anaesthetic!

Pet Universe has been monitoring capnography (concentration of carbon dioxide & oxygen) for ALL our anaesthetised patients over the last 10 years. You'll be interested to hear that this is just now starting to be promoted as the new benchmark for monitoring in the veterinary profession.

However the biggest challenge has been to get reliable blood pressure monitoring in pets because of their small size & physiology & at last the technology has arrived! Exactly how to use the results are still

being hotly debated but there is generally good consensus as to what blood pressure normal levels are.

The biggest risk during an anaesthetic is low blood pressure which means poor blood flow & oxygenation to critical organs such as intestines (leakage of bacteria into the blood stream), kidneys (direct kidney cell death) & even heart & brain!.

In fact the depth of anaesthetic is directly proportional to drop in blood pressure.

Pet Universe has blood pressure monitors for all 6 anaesthetic stations so we are now monitoring blood pressure throughout your pets entire anaesthetic ensuring the safest anaesthetic by maintaining good blood pressure & best recovery with minimal side effects to your pets.

