

LOCAL EVENTS CALENDAR

Music Bingo / Tunes Trivia

Wednesdays / Saturdays 8:00pm
Bonnet Hill Pub
963.8134

Northern Lights Festival

Thursday Jan 1st & Friday Jan 2nd
Connaught Hill & Downtown PG
www.tourismpg.com

Must Love Dogs Speed Dating

Sunday January 4th 3:00pm to 6:00pm
Cottonwood Island Park
640.6338

Natural Horsemanship Workshop

January 10th & 11th 9:00am
Glenn Stewart in McBride BC
250.996.8026 or 649.8838

Northern BC Business and Technology Awards

Thursday January 22nd 6:00pm
Civic Centre
564.3737 city.pg.bc.ca/civiccentre

Investor's Group Alzheimer's Walk For Memories

Sunday January 25th 12:30pm
UNBC
Heather 564.2310

Coldsnap Music Festival

January 24th to February 1st
Various Venues in PG
563.6637 www.coldsnapfestival.com

Glenn Stewart Natural Horsemanship

Spectate/participate in Demo and Clinics
PG AgriPlex March 27th to 31st
649.8838 or 961.4079

UNDERSTANDING YOUR PET'S BLOOD WORK...

If you go to the doctor because you are lethargic, vomiting or just not feeling well, s/he will pull blood, no questions asked. The reason? Your doctor cannot diagnose a problem s/he cannot see and requires a blood analysis to measure electrolytes, identify your enzyme levels and assess the function of your internal organs.

The question is why? Why is assessing these things important? Blood has many components and decreased or elevated levels can cause several irregularities in the system. We offer a full diagnostic health profile consisting of the following 12 blood chemistries:

Glucose: Primary source of energy for the body. High levels may indicate: Cushings, diabetes, pancreatitis. Low levels may indicate: liver disease, insulin overdose, bacterial infection and Addison's

Bilirubin: End product of red blood cell breakdown. High levels: typically result in jaundice. Low levels: not relevant

Creatinine: End product of phosphocreatine, important in muscle contractions. High levels: dehydration, kidney failure or disease, urinary obstruction. Low levels: liver disease or starvation

Amylase: Important in digestion of starch. High levels: pancreatic inflammation or cancer, kidney disease or liver cancer. Low levels: starvation and malnutrition

Calcium: Basis for bone, teeth and muscle contractions. High levels: certain forms of cancer, overactive parathyroid gland and Addison's. Low levels: severe pancreatitis, Cushings and toxins

Phosphorus: Important in all aspects of metabolism. High levels: kidney disease and severe tissue trauma. Low levels: certain cancers, diabetes and overactive parathyroid gland

Total Protein (TP): Important substance in all parts of the body. High levels: certain cancers, dehydration and infection. Low levels: liver disease and Addison's

Albumin: Major protein found in the body. High levels: dehydration. Low levels: inflammation, liver and/or kidney disease, starvation and blood loss

ALKP: Important in metabolism, found in liver cells. High levels: due to drugs such as steroids or phenobarbital, indicate bile duct obstruction, liver disease, Cushings and certain cancers. Low levels: starvation or malnutrition

ALT: Associated with the liver, important in the metabolism of nitrogen. High levels: liver damage, toxins, various metabolic disorders and Cushings. Low levels: starvation or malnutrition

GGT: Found within liver cells, important in nitrogen metabolism. High levels: bile duct obstruction, pancreatitis, Cushings and liver disease. Low levels: starvation and malnutrition

Blood Urea Nitrogen (BUN): Primary end product of protein metabolism. High levels: dehydration, kidney failure/disease and urinary obstruction. Low levels: starvation or liver disease

Lipase: Performs an essential role in digestion. High levels: pancreatitis. Low levels: fat intolerance, gall bladder problems, diabetes and glucosuria

We also offer a minimum health profile, commonly termed as a pre-anesthetic profile, including only 6 chemistries. It is recommended at the very least, for all pets requiring surgery. We strongly suggest a full diagnostic blood panel in order to determine any health related concerns or underlying conditions. The minimum profile includes:

- Glucose
- Blood Urea Nitrogen
- Creatinine
- Total Protein
- ALKP
- ALT

Veterinarians also commonly perform a complete blood count (CBC). CBC's measure/evaluate cells that circulate in the blood (actually count the red and white blood cells). A blood smear analysis is also used to screen for underlying infection, anemia & illness. Certain types of cancers, especially leukemia, may be evident on a smear. Blood parasites and microorganisms may also be found.

Upcoming Events at Murdoch Vet Clinic...



Back Row: Dr. Green, Nikki, Kacie, Dr. Murdoch, Shannon, Kelly-Anne
Front Row: Alexys, Kelly, Nav, Kristy, Kayden

**Happy New...
...ter Year !!
from all of us!**

February is Dental Month!

Visit us in February to receive 15% off of our dental services.

Dental care is very important to the health of your pet. Did you know that plaque leads to bad breath and gingivitis? It can also cause serious tooth root infections! In extreme cases plaque has led to infections of the heart and kidneys. Regular dental care aids in oral hygiene and may prevent minor to major discomfort in the mouth.

Manager's Message...

All of the staff at Murdoch Veterinary Clinic want to wish Dr. Christine Murdoch a super duper happy birthday this January! We hope you are surrounded by everyone you care about on your special day!

Have a great time and cheers from your dedicated team at the clinic ☺

EVER HEARD OF THE COLDSNAP MUSIC FESTIVAL...?

Coldsnap is a premier music festival for BC, taking place January 24th through to February 1st in various venues around PG. During this time you will see 6 main stage evening shows featuring stellar Canadian/American/ British artists performing jazz, funk, folk, blues & much more. Watch for 7 local venues showcasing over 18 local acts ☺

What you might like to know about "Canine Distemper Virus (CDV)" Definition of the "D" in the DHPP vaccination series. CDV spreads through aerosol droplets and contact with infected bodily fluids including nasal and ocular secretions, feces, urine and contaminated food and water 6-22 days after exposure. The average time between infection and disease is 14 to 18 days. Puppies 3 to 6 months old are particularly susceptible. CDV tends to orient its infection towards the lymphoid, epithelial and nervous tissues with features including lymphoid depletion (causing immunosuppression leading to secondary infections), pneumonia, encephalitis with demyelination and hyperkeratosis of the footpads. Puppies experience the highest mortality rate where complications such as pneumonia and encephalitis are common. Encephalomyelitis and vestibular disease may present in older dogs. Symptoms include involuntary twitching of muscles or muscle groups, seizures accompanied by salivation and jaw movements. The seizures may progress to grand mal convulsions. Also seen are signs of sensitivity to light, in-coordination, circling, increased sensitivity to pain or touch and deterioration of motor capabilities. Less commonly seen are blindness and paralysis. The length may be as short as 10 days but the start of neurological symptoms may not come until several weeks or months later. Vaccination is the best method of prevention.

VISIT OUR RETAIL SECTION...

Oatmeal and Aloe Shampoo great for dogs and horses

SWAT Fly Repellent Cream to keep wounds clean and flies out

Ectospray to stop and kill those pesky bugs

Horse Dewormer Quest Plus, Quest, Equalan, Panacur & more

Pill Poppers for regular administration of medication

Leashes and Collars, Halti's and Seat Belts for your pet's safety

MediCal Royal Canin and Hill's Prescription diets

Hypoallergenic Dog & Cat Treats we have free samples☺

Breathalyser water additive for bad breath

Toothbrushes and Toothpaste for your pet's dental needs

Ear Cleaning Solution for those avid swimmers

Toe Nail Trimmers and Bloodstop powder for those 'oops' trims

...IF WE DON'T HAVE WHAT YOU NEED - JUST ASK!

Closed: Thursday January 1st ~ Friday April 10th ~ Monday May 18th

DR. CHRISTINE MURDOCH, Owner & Veterinarian

DR. JODYNE GREEN, Associate Veterinarian

KELLY-ANNE H, Office Manager

NIKKI W, Administrative Assistant

SHANNON C, Administrative Assistant

KELLY M, Registered Animal Health Technician

KRISTY J, Registered Animal Health Technician

KACIE H, Veterinary Assistant

NAVKARAN B, Veterinary and Technician Assistant

ALEXYS C, Kennel Attendant

DID YOU KNOW . . . ? Cats are able to make over 100 vocal sounds... Dogs can only make 10 ☺

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