

Real-Time Results... Anytime, Anywhere.

MedWay, QML Pathology's web-based application, provides you with real-time access as soon as results are available at the laboratory.

Medway enables you to view your clients' results quickly, efficiently and securely over the Internet.

With no paper to handle, instantaneous delivery and secure access, MedWay ensures your clients' results are available real-time, anywhere, on time, all the time.



FEATURES INCLUDE

- ✓ Increased search functionality, including new filters
- ✓ Unique username and password
- ✓ Update your account details online
- ✓ View pending requests
- ✓ Smart Phone App
- ✓ Save and print off hard copy PDF reports in a familiar format
- ✓ View interactive charts
- ✓ View cumulative results
- ✓ Ability to receive email notifications



To register, visit www.medway.com.au

SAVE THE DATE: 24-31 October, 2015 Seminar Series Roadshow

QML Pathology Vetnostics is excited to announce that we will be offering a series of seminar presentations in October 2015, focussing on small animal medicine and pathology topics.

This forms part of our ongoing commitment to veterinary continuing education with attendees eligible for up to 5.5 CPD/VetEd points.

KEY SPEAKERS

Dr Sue Foster

(BVSC, MVetClinStud, FANZCVS (Feline Medicine))

Dr Brett Stone

(BVSc(Hons), B.BiomedSc(Hons), M.Phil, MANZCVS.)

SELECTION OF TOPICS COVERED

- What Does A Positive Test Result Mean?
- Demystifying Surgical Margins.
- Pitfalls Of In-House & Laboratory Testing.
- Canine Hyperadrenocorticism: Diagnosis & Treatment.
- Deciphering The Histopathology Report.
- Feline Nutrition: A Clinician's Perspective.
- Cytological Sample Preparation.

LOCATIONS & DATES: (Further venue and registration details to follow).

Full Day Seminars

9am – 4.30pm / 5.5 CPD/VetEd points)
\$50 (Incl. food & drinks for breaks and lunch)

Gold Coast Hinterland:

Saturday 24th October.

Sunshine Coast:

Saturday 31st October.

Evening Seminars

6.30pm – 9.30pm / (2.0 CPD/VetEd points)
\$22 (Incl. dinner and drinks)

Toowoomba: Monday 26th October.

Rockhampton: Tuesday 27th October.

Townsville: Wednesday 28th October.

Cairns: Thursday 29th October.



What Is Your Diagnosis?

The image to the left (Figure 1) is of an EDTA blood film from an eighteen month old staffordshire bull terrier cross that presented with a history of seizures. No metabolic cause for the seizures was evident on routine biochemistry and the dog was not anaemic.

In the image to the left (Figure 1), what erythrocyte abnormalities are most prominent and what are the differentials based on the clinical history?

Turn over to find out the answer.

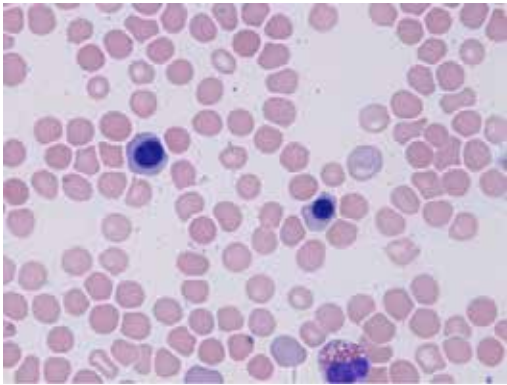


Figure 1: Wright's stained blood film (x100 oil)

Australian Veterinary Association



Professional development
for Australia's veterinarians

AVA APPROVED

AVA members automatically
accumulate Vet Ed points when
they provide their AVA number.

The QML Pathology Vetnostics CPD Program

How Do I Participate ?

- Perform in-house cytology.
- Complete the QML Pathology Vetnostics CPD Program request form ensuring that you provide a detailed gross pathological and in-house cytological description together with a preferred diagnosis +/- a list of differential diagnoses (if appropriate).
- Submit cytology or histology specimen to QML Pathology Vetnostics.

Zoonotic Disease:

Important Information

Given the zoonotic potential of certain viruses and bacteria and the associated Health and Safety issues/concerns in routine diagnostic laboratories, there are certain situations where QML Vetnostics cannot undertake preliminary testing.

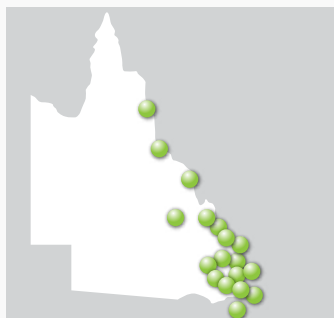
In this regard, samples from dogs at high risk of Brucella exposure (dogs in contact with wild pigs or fed pig meat/offal, with consistent clinical signs) should not be submitted to Vetnostics.

Samples for culture and serology from such cases should be sent directly to QLD DPI (DEEDI). Other samples from such high risk dogs will only be accepted by Vetnostics after the consultation with a Vetnostics Veterinary Pathologist prior to submission of samples.

Hendra virus additionally continues to be a differential diagnosis for certain veterinary cases presenting in areas of NSW and Queensland. It is requested that Hendra virus is excluded (specific testing offered at EMAI and Queensland Government labs) where it is considered a clinical differential prior to submission of samples for further testing at Vetnostics.

Many thanks for your assistance in these situations. Please feel free to contact a QML Vetnostics Veterinary Pathologist if you have any queries.

Laboratory Locations



1 Ballina	10 Ipswich
2 Buderim	11 Kingaroy
3 Bundaberg	12 Mackay
4 Brisbane (Central Lab)	13 Southport
5 Cairns	14 Redcliffe
6 Emerald	15 Rockhampton
7 Gympie	16 Toowoomba
8 Gladstone	17 Townsville
9 Hervey Bay	18 Tugun



1300 VET QML (1300 838 765)



www.qml.com.au/vetnostics

What Is Your Diagnosis?: Answer

The most significant findings are the inappropriate metarubricytosis (nRBC 44/100 WBC in this case) and the presence of basophilic stippling, without concurrent regenerative anaemia (see Figures 2 and 3). This animal had a blood lead level of 5.81 umol/L (Reference range < 1.71 umol/L). Inappropriate metarubricytosis may also occur with; bone marrow damage (necrosis, inflammation, endotoxaemia, hypoxia, myelodysplasia or neoplasia), extramedullary haematopoiesis, splenic contraction, splenectomy, altered splenic function, increased concentrations of corticosteroids and heat stroke.

Figure 4 is an image of an abdominal radiograph which revealed a radiopaque foreign body. A lead fishing sinker was removed at surgery.

Lead levels dropped over the following weeks post gastrotomy without requirement for chelation therapy and with associated improvement in clinical signs.

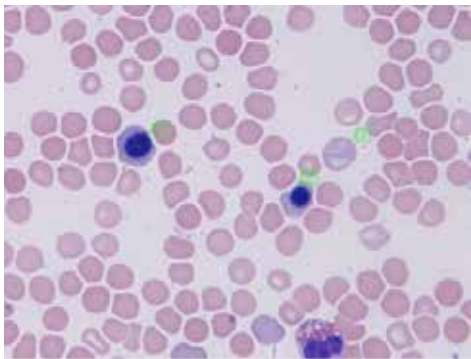


Figure 2: Wright's stained blood film (x100 oil). Markers 1 and 2 indicate metarubricytes and marker 3 indicates basophilic stippling.

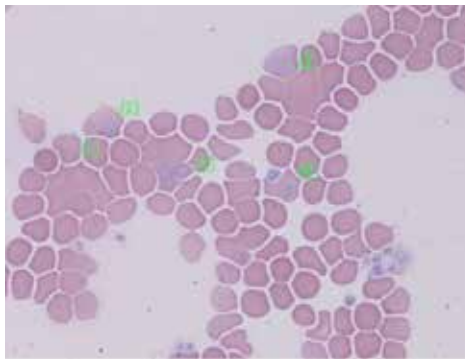


Figure 3: Wright's stained blood film (x100 oil). Markers 1-5 indicate basophilic stippling.



Figure 4: Abdominal radiograph showing radiopaque foreign body.

Cancellation of Hard Copies of Results from July 2015.

As of July 2015, QML Vetnostics will cease delivery of results via courier or post.



Result Reporting Options

After generating results for the various submissions received, it is obviously imperative to get the results out to you as efficiently as possible. With this in mind, we have multiple options available for reporting of Vetnostics laboratory results.



Online results with optional email alerts in real time via Medway online results system*. Results viewed on Medway can be saved as a colour PDF or printed. Register online at www.medway.com.au

*Also available via SmartPhone App



Direct downloads via secure download direct to patient management systems including: RXWorks, EzyVet, Vetcare, Vetlink SQL and Vision VPM.



Other delivery options such as fax or direct email are available on request.

Please contact us at vetnostics@qml.com.au if you would like to discuss these options further.



Great Value!

 **REM SYSTEMS**
PTY LTD



The Premier Pathology Package

QML Pathology Vetnostics is excited to announce a new partnership with **REM SYSTEMS**. We are now able to offer our clients excellent value for money in the provision of a combined external and in-house pathology service.

The instrument range includes the state-of-the-art Vetscan VS2 biochemistry and electrolyte analyser, the HM5 haematology analyser, the Vetscan i-Stat hand held analyser and the new VSPRO coagulation / specialty analyser. The Vetscan range offers several distinct advantages, including minimal hands-on time, lower reagent costs, minimal maintenance and compact design.

Highlights of our new instrument deal

- No Finance Required with Trade in options for your existing analysers
- Attractive Rebates (up to 100% depending on your practice spend)
- Excellent Reagents Economy
- FREE Medicine Specialist Support
- State of the Art equipment with Minimal Sample Handling
- Integrated With Most Practice Software Packages
- Ultimate Support; 24 hour return to function guarantee or we run your tests at our lab at reagent cost

Please contact us on 1300 VET QML or email vetnostics@qml.com.au to discuss your needs, OR book a free, no-obligation, 2-week trial of the instruments in your practice.

Already using REM SYSTEMS?

This alliance with REM SYSTEMS also allows for QML Vetnostics to offer a discounted external pathology service to existing REM SYSTEMS clients.

Please contact QML Pathology Vetnostics (Ph: 1300 VET QML or email vetnostics@qml.com.au) if you require request forms, a current pricelist, collection time information, or if you have any other enquiries.



1300 VET QML (1300 838 765)



www.qml.com.au/vetnostics

A proud sponsor of ...

AUSTRALIAN SOCIETY FOR VETERINARY PATHOLOGY

SCIENTIFIC CONFERENCE

Fri 24 - Sun 26 JULY

Mercure Hotel
85-87 North Quay, Brisbane, Queensland



The 2015 Conference program is proudly supported by our Conference Partner:



REGISTRATIONS ARE NOW OPEN!

FOR FURTHER DETAILS ON THE CONFERENCE PROGRAM
& REGISTRATION PLEASE GO TO:

<http://www.asvp.asn.au/ASVP2015Conference>

Pathology image courtesy of Dr Tony Ross

What's New & What's True in Gastrointestinal Pathology

The gastrointestinal tract is a complex organ system of great diagnostic importance in the horse, production and companion animals. The GI system has complex anatomy and physiology with significant species differences, which can make navigating both normal anatomy and pathologic changes a challenge. The range of aetiological agents, particularly infectious diseases in production animals, means this organ system is a popular choice for a refresher at the ASVP 2015 annual conference on *what is new and what is still true*.

- **Professor Francisco Uzal** from University California, Davis, US and author of the alimentary system section in the next edition of Jubb & Kennedy's Pathology of Domestic Animals, will provide a comprehensive overview of gastrointestinal pathology for small and large animals and will also include a presentation on enteric clostridial diseases of mammals.
- **Dr Jenny Charles**, from the University of Melbourne will present on pathology of the pancreas.
- **Dr Tony Ross**, a registered specialist veterinary pathologist will present our highly popular pathology voting/clicker session.
- **Dr Jeanine Sandy**, a specialist veterinary pathologist with QML Vetnostics, will discuss surgical pathology of the gastrointestinal tract.
- **Dr Leanne Twomey**, a specialist veterinary clinical pathologist with Vetpath Laboratory Service, will present on the clinical pathology of the gastrointestinal tract.
- **Dr Catherine Campbell**, a medical pathologist with Envoi, Specialist Pathologists will present an account of human gastrointestinal pathology
- **Dr Allan Kessell** will once again convene an expert panel in the very popular interactive mystery slide and cytopathology sessions
- **Dr Rod Reece**, a veterinary pathologist specialist in Avian Medicine with Department of Primary Industries NSW, will discuss avian gastrointestinal tract pathology.

- **ASVP member abstracts** will be presented on day three of the program

Please join us in Brisbane, Australia in July to experience this GIT treat!



1300 VET QML (1300 838 765)



www.qml.com.au/vetnostics