

**AEDP**

**Diploma of Equine Dentistry**

**Training Information**



**AUSTRALIA 2018-a**



## **Equine Dentistry Diploma Training Course 2018a Australian Equine Dental Practice (AEDP)**

Distance Education 5 March 2018 to 29 July 2018 (same period for vets)  
On-Site Education 6 August 2018 to 28 September 2018 (to 31 Aug 2018 for vets)

**Closing date for applications 2 February 2018**

### **INTRODUCTION**

This course has been developed by an experienced equine dental practitioner with vast experience in education and providing a holistic equine dental care model.

From evolutionary anatomy, through disease processes, treatment planning and nutritional advice, this intensive 28 week equine dentistry course (24 weeks for qualified veterinarians) goes well beyond that of other courses or traineeships currently offered by other organisations or institutions. The key is the process by which broad, yet in-depth knowledge leads to a sound diagnostic and treatment approach which respects natural dental function.

### **BACKGROUND OF TRAINING**

The training level of this course comprises competencies aimed for by the AEDP under the national competencies job role statements for:

- Certified Equine Dental Service Provider and
- Advanced Certified Equine Dental Service Provider

In recent years, the author of the private AEDP Diploma course, Peter Borgdorff, contributed substantial resources to national training that was to be established under the Australian Qualifications Framework (AQF). The aim of this was to establish formal national certificate and diploma training standards. These two training standards were to represent, maintain and improve the current activity levels practised by trained equine dental practitioners in Australia.

Currently only a lower standard education (Cert IV) is offered in Australia by a Registered Training Organisation (RTO), a TAFE institution. That course is not supported by the AEDP as key elements of original content have been removed without proper industry consultation and it fails to facilitate subsequent diploma level training within the AQF framework. As no national training standard exists for Diploma this higher training level continues to be maintained in the form of the private AEDP course. The full equine dentistry course allows the equine industry to continue to have access to a high standard of equine dental care by using AEDP trained practitioners.





## **AEDP TRAINING FOR VETERINARIANS**

Reflecting the fact that veterinary surgeons start their careers with limited dentistry-specific knowledge, this AEDP course significantly broadens equine dentistry-related knowledge and deals with subjects such as effective diagnostics and surgical practice. Add a great practical training model that focuses on horse-friendly techniques and the outcome rises far above short courses or post graduate course offered by veterinary groups.

This training is suitable for those veterinarians who wish to specialize in equine dentistry and strive to be proficient in the field of equine dentistry. The practical part is adjusted to allow practising veterinarians to take a minimal amount of time away from their practice by compressing the training into 5 weeks. In-depth clinical material has been included. Veterinarian and non-veterinarian AEDP courses overlap but each course is geared for different professional responsibilities. Read more in the course details section.

## **COURSE AIMS - PROFESSIONAL COMPETENCIES**

Successful graduates of the AEDP course will be able to confidently and sensitively attend to routine and advanced care of equine dentition and the oral cavity. Furthermore, assessment, treatment and post-treatment care are provided with consideration to overall health and well-being of the equine patient.

The AEDP equine dentistry course aims to provide high quality training, enabling successful trainees to:

- Engage in appropriate collaboration with, and referral to, veterinary and para-veterinary professionals.
- Achieve high standards in the running of an equine dental practice.
- Provide horse owners with advice regarding oral health, responsible dental care, good riding or driving techniques and sound nutritional management.
- Provide treatment which respects natural structures allowing improved function of the dental and digestive systems. This means avoiding the use of inaccurate rotary burs and accepting non-use of dental shears and other high-risk devices.
- Be adequately prepared for professional accreditation and subsequent licensing.
- Be able to confidently conduct common surgical based procedures (veterinarians)

Treatment competencies include:

- Routine filing without mechanical restraints or routine sedation.
- Identifying and preventing low-level disease of periodontal structures.
- Removing small teeth and wolf teeth.
- Removing deciduous incisors and pre-molar caps when indicated.
- Performing limited permanent incisor and molar extractions according to protocols.
- Treating minor lacerations of lips and cheeks.
- Providing riders and drivers with bit and tack advice.
- Advising client on feeding methods and nutrition.
- Providing reports and referrals to equine dentists and veterinarians as appropriate.

Treatment competencies for complex cases:

- Effecting major bite adjustments of the incisors and molars in planned stages.
- Identifying and treating higher level periodontal disease.

- Treating diastemata (pockets between teeth) and making associated remedial dental corrections.
- Case planning with the aid of imaging information.
- Performing specific permanent incisor and molar extractions according to protocols.
- Dealing with dental fractures.
- Assisting veterinarians at their request with surgical procedures.
- Confidently conduct common surgical procedures (veterinarians)

Equipment competencies include application of:

- Dental specula
- Manually operated dental files
- Dental and periodontal probes and other devices
- Small surgical instruments
- Extraction forceps
- Motorised water-cooled dental burrs
- Dental restoration materials

## **COURSE STRUCTURE**

The training is provided in two parts: distance learning and on-site learning.

The first part of the course consists of distance education by way of weekly sets of lectures which incorporate a weekly written knowledge test to assess learning progress. The second part consists of an on-site practical period based in the Melbourne. During the practical time trainees get continuous coaching. This has the aim of reaching adequate proficiency to be able to work efficiently and professionally in the graduate's own practice. The practical on-site component may only be undertaken by those who have completed the required modicum of theory education.

An important part of training is the teaching of a sound business approach in preparation for establishing a practice. Trainees are required to complete a business plan which is evaluated as part of the theory exam. For additional cost the business plan can be evaluated by an outside party if any trainees want to keep commercial content from course coordinators. This way the course conductors only receive a result and commercial information remains confidential. With a maximum five students to one educator teaching ratios are excellent.

The training assessment includes a five part theory exam and three practical examinations including a complex case.

The theory workload will allow most participating trainees sufficient time to engage in part-time work whilst studying. Veterinarians will be able to study the theory alongside a modest working week.

The practical training workload is structured full-time. It cannot be combined with any personal part time work. This is also due to the fact the course is run on-site.



## DISTANCE EDUCATION COMPONENTS

Please note: The subject sequence and subject themes are approximate and will vary.

Week no.    Key subjects via distance education.

- Week 1      Evolution; terminology and anatomy; cardiovascular and respiratory systems.
- Week 2      The Head: terminology; surface anatomy and musculoskeletal anatomy.
- Week 3      The Body: feeding and digestion; terminology and anatomy of the head; teeth and their placement.
- Week 4-6    The Body: neuroanatomy; bone structures; musculature of the head.
- Week 7      The Body: terminology; blood and bodily fluids; arteries and veins.
- Week 8      General Physiology; the kidneys; respiratory disorders; temporomandibular joint; teeth and their placement.
- Week 9      Circulatory System; endocrine system; periodontal structures; business marketing and planning
- Week 10     Mucosa: structure and function; circulatory system.
- Week 11     Alimentary System: dental structure; larynx and pharynx; parasites.
- Week 12     Horse Handling and Care: traits; bit and bit fitting. Business Planning.
- Week 13     Alimentary System: condition scoring; disorders; salivary glands and ducts.
- Week 14     Dental Disorders and Treatment: genetic and congenital abnormalities; nutrition and special needs; disease processes; colic; hygiene. (Veterinarians: sedation and diagnostics)
- Week 15     Assessment methods and techniques; pasture management; parasites.
- Week 16     Standards; General Treatment Considerations: feeding for performance; treatment aftercare. (Veterinarians: diagnostic methods including imaging)
- Week 17     Dental Treatment: correction; oral prophylaxis; staged bite correction; you, your practice and standards compliance. (Vet also holistic treatment methodology)
- Week 18     Dental Treatment: major disorders and their treatment; practice accreditation.
- Week 19     Dental Treatment: systemic disease considerations and equine dental treatment;





pharmacology basics; motorised equipment application and maintenance. (Veterinarians also surgical procedures)

Week 20 Treatment planning: tooth preservation and dental restoration.

### **ON-SITE EDUCATION COMPONENTS**

Week 21 Treatment aims; case considerations; equipment overview.

Week 22 Introduction to practice and procedures. Dissections.

Week 23 Dissections and equipment application; theory exams and business plan.

Recess Veterinarians may be offered veterinary practice placement if available.

Week 24 Skills development; practical tests. (Vet: clinical and surgical week)

Week 25 Skills development. (Vet: final week)

Week 26 Skills development; practical tests.

Week 27 Skills development.

Week 28 Supervised practice management by own initiative.

### **ASSESSMENTS**

Progressive skills assessments take place as follows:

- Weekly reviews completed by participants.
- Theory exam in five parts.
- Business plan submitted as part of the theory exam.
- Practical exams of two routine cases and one complex case.



### **DIPLOMA**

Successful completion of the course provides you with the title AEDP Diplomate Equine Dentist (DED). The AEDP training course is not government accredited, but the course parallels the content of the now established Certificate of Equine Dentistry *plus* the competencies aimed for by the AEDP under the national competencies job role statements for Advanced Certified Equine Dental Service Provider (Diploma). The AEDP will seek to have past trainees brought under the national Diploma qualification when this is formally established under the AQF.

At present it is widely regarded that the AEDP is the best placed and most experienced equine dentistry educator when compared to institutional courses. The AEDP course is respected as having integrity and has resulted in excellent acceptance of the professional capabilities of successful participants. Our aim is always to encourage applicants who genuinely have the welfare of the horse as their priority and make them successful equine dental practitioners.

The AEDP Diploma entitles you to apply for membership of the professional association NEDP.

## PREREQUISITES

Diploma training is for persons who qualify for participation based on their knowledge, skill and equine background. It is suitable for those with good theoretical study background and extensive practical experience with horses. Secondary or tertiary education is recommended but is not an absolute prerequisite. All applicants must have substantial horse experience and appropriate educational qualifications. Preference will be given to those with extensive post secondary education and those who can demonstrate extensive knowledge and skill obtained from employment or experience in the equine field.

*Applicants with these educational backgrounds will be considered:*

- Secondary Education with post-secondary education and horse experience
- Tertiary education and appropriate horse experience
- No secondary education certificate but with satisfactory mature age proficiency and extensive horse experience

*The following applicants will not be considered:*

- Those under 18 years of age
- Those under 21 years of age without any form of post-secondary education or animal care experience
- Mature age applicants who do not meet the mature age proficiency requirements

## TRAINING FEES

Total fees for AEDP training are \$22,750 excluding the \$200 application fee. Course content has been enlarged and refined regularly to include extra modules, standards and, for vets, include veterinary clinical modules. Fees have been adjusted accordingly. The course fee is payable in two equal instalments: 30 days prior and the balance on or before the day of enrolment.

Receipt of application and fee of AU\$200 are due prior to the closing date. Your application will be assessed and if further documentation is required you will be immediately advised.

Payment of training fees is due as follows:

- 30 days prior to course start: \$11,375 (1st payment)
- 2 days prior to course start: \$11,375 (2nd payment)





## **FUNDING**

In certain cases, it is possible to spread course payments by adopting a payment plan to enable suitable candidates to participate in the training. Such payment plans are tailored to each individual. A Diploma will only be awarded when outstanding debt is cleared.

## **TRAVEL AND ACCOMMODATION**

Travel to Melbourne and accommodation is for the account of the trainee. Full paid board is generally available at Balwyn North at the private residence. On overnight travel from Melbourne to distant areas, there are also additional accommodation and meal costs. These are included with the boarding arrangement but for non-boarders are not included. Applications for enrolment are to be lodged by the due date shown at the top of the page and are to be accompanied by a \$200- application fee. Applicants will generally be notified of acceptance within 14 days after the application closing date.

## **SUPPLY OF INSTRUMENTS AND EQUIPMENT**

Applicants may obtain a set of equipment to AEDP specification from any supplier. Most trainees opt for supply from the AEDP as we also manufacture or arrange manufacture of file holders, large forceps and custom-designed equipment buckets. Items such as small instruments are imported from Germany.

When a trainee orders equipment through the AEDP accompanied by a 50% deposit, instruments and equipment are immediately ordered. Some of the items such as gags, are extensively modified to improve their function. Please allow sufficient time for manufacture, modification and delivery.

Please order early and allow 60 days for manufacturing, purchase and modification of items.

The cost of a standard equipment set is \$7,600 (AUD 6,909 export) These items will be delivered towards the end of the on-site training. For export, additional costs may be packing and shipment. Under customs regulations, items purchased for export must be exported within 60 days of delivery.

## **STUDY MATERIALS**

Several books are supplied free as part of the course material. The books supplied to course participants are a medical terminology book and an anatomy book. Trainees should allow about \$400- for the cost of other books, stationary and the printing of course notes. It is highly recommended that you use a laser printer due to the amount of material to be printed. For overseas trainees the most appropriate visa is a tourist visa which allows a certain amount of study. The Immigration Department does not provide a dedicated visa for this private education.

## **THE EDUCATOR**

Peter Borgdorff has a long career in equine dentistry and has assisted with the establishment of the National Equine Dental Practitioners Inc., an association which supports the introduction of standards accreditation and licensing for all equine dental practitioners. The educator is assisted in some of the practical training by associates of the AEDP.





## **ENROLMENT**

Those who are contemplating applying are encouraged to first E-mail first with details of their background and put any questions to us that need to be answered. Each application will be considered on its merit but places cannot be guaranteed. Acceptance is granted in order of application. Trainees are accepted from all countries but good knowledge of English is required. A course limit of five trainees per intake applies.

Application forms for this course will be sent to you on request. The application form will be accompanied by the document 'Terms and Conditions'. Applicants are advised to carefully note its content as they form part of the training agreement.

## **MORE INFORMATION**

Further information can be obtained by calling Peter Borgdorff on +61(0)414 566 789 or sending an E-mail to [peter@equinedentalpractice.com](mailto:peter@equinedentalpractice.com)

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