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# Principles of Equine Dentistry

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## Description:

The equine dentition (hypsodont) develops differently from that of humans and small animals (brachydont) yet many of the principles of general dentistry are applicable to the equine species. Some are not.

Dr Klugh and his contributing authors identify, apply and evaluate the principles of general dentistry in relation to the horse's similarities and differences. Such a system is of value in terms of vocabulary, biology and disease process. While providing practical daily guidance to the practitioner, the book's aim is also to help the reader to understand the underlying pathology leading to accurate diagnosis and optimal treatment options.

The book's coverage ranges from anatomy, biomechanics and examination to radiology, anaesthesia, trauma, disease and restoration. Top quality colour photographs and diagrams illustrate the text throughout.

*Principles of Equine Dentistry* will be of value to equine dentists, equine practitioners, instructors and trainees, and to veterinary students.

256 pp, Hardcover  
261 x 194 mm page size  
461 colour and b/w illustrations  
16 tables  
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Publication: 2010

## Readership:

Equine dentists. Equine practitioners and veterinary trainees.

## Key Features:

- Identifies, applies and evaluates the principles of general dentistry in relation to the equine species's similarities and differences.
- Covers anatomy, biomechanics, examination, radiology, anaesthesia, trauma, disease & restoration.
- Editor runs specialist equine dental practice.
- International contributions on specialist topics.
- Top quality colour photos, diagrams and tables.

## Contents:

1. Evolution of the Hypsodont Tooth, 2. Dental examination, 3. Anatomical characteristics of equine dentition, 4. Embryology, 5. Muscles of mastication, 6. Principles of mastication biomechanics, 7. Principles of Occlusal Equilibration, 8. Eruption and shedding of teeth, 9. Dental radiology, 10. Standing chemical restraint in the dental patient, 11. Regional and local anaesthesia, 12. Exodontics of equine teeth, 13. Standing repulsion of equine cheek teeth, 14. Head trauma in horses, 15. Principles of restoration of diseased teeth, 16. Principles of periodontal disease, 17. Principles of endodontics, 18. Principles of orthodontics. Index.