

Guidelines for the management of dental and periodontal trauma in dogs and cats: narrative review of the literature

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SUMMARY

Dental or dentoalveolar traumatic injuries include lesions affecting dental tissues and those affecting the tooth supporting structures. Common causes include fights with other animals, car accidents, falls from a height, blunt trauma and chewing hard materials. The diagnosis is based on clinical and intraoral radiographic examinations. The correct choice of treatment depends on several factors, including patient's age, oral health and general health, extent of the dental damage, timing between trauma and treatment, type of affected tooth, periodontal health of the affected and adjacent teeth, experience of the veterinarian and availability of materials and equipment for advanced treatments. This narrative review of the scientific veterinary literature aims to give guidelines for correct management of dental and periodontal trauma in dogs and cats.

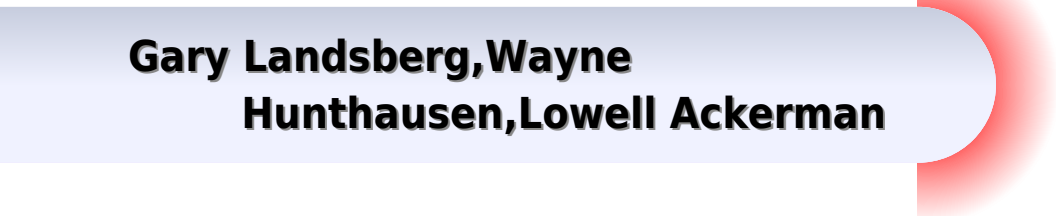
INTRODUCTION

Dental or dento-alveolar traumatic lesions include lesions affecting the tooth tissues (enamel, dentin, cement and dental pulp - dental trauma) and lesions to support structures (gingiva, periodontal ligament and alveolar bone, as well as to the root cement - periodontal traumas).^{1,2} The prevalence in dogs and cats is quite high.^{3,4} Although they often cause a certain degree of pain, this trauma (especially dental fractures) is often accompanied by non-specific and / or hardly recognizable symptoms.^{3,4} Furthermore, it is often underestimated because any clinically recognizable complications develop after the event, traumatic. However, traumatic injuries can lead to periodontal and / or endodontic compromise of dental elements and must therefore be diagnosed and treated appropriately.^{1,2}

This narrative review of the literature was undertaken with the purpose to provide a systematic approach to the diagnosis and treatment of dental and periodontal trauma in dogs and cats.

Management Of Trauma In Dogs And Cats

**Gary Landsberg, Wayne
Hunthausen, Lowell Ackerman**



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Manual of Trauma Management in the Dog and Cat Kenneth J. Drobatz, Matthew W. Beal, Rebecca S. Syring, 2011-03-10 Manual of Trauma Management in the Dog and Cat provides quick access to clinically relevant information on stabilizing diagnosing and managing the trauma patient The book uses an outline format to provide fast access to essential information focusing on practical advice and techniques for treating traumatic injuries Manual of Trauma Management in the Dog and Cat is an ideal handbook for quickly and confidently managing this common presenting complaint Beginning with a concise summary of the global assessment of traumatized patients the heart of the book is devoted to guidance on managing specific types of trauma following definitive diagnosis Manual of Trauma Management in the Dog and Cat is a valuable quick reference guide to treating canine and feline trauma patients for general practitioners and emergency specialists alike Management of Trauma in Dogs and Cats James Archibald, John C. Holt, V. Sokolovsky, Earl J. Catcott, 1981-01-01 **Manual of Trauma Management of the Dog and Cat** Kenneth J. Drobatz, 2011 Manual of Trauma Management in the Dog and Cat provides quick access to clinically relevant information on stabilizing diagnosing and managing the trauma patient The book uses an outline format to provide fast access to essential information focusing on practical advice and techniques for treating traumatic injuries Manual of Trauma Management in the Dog and Cat is an ideal handbook for quickly and confidently managing this common presenting complaint Beginning with a concise summary of the global assessment of traumatized patients the heart of the book is devoted to guidance on managing *Trauma Management in the Dog and Cat* Kenneth J. Drobatz, Rebecca S. Syring, Matthew Beal, 2008-08 Trauma is a relatively common presenting complaint to veterinarians All veterinarians see emergencies on a regular basis and the increasing importance of emergency medicine and critical care in veterinary medicine calls for a book like this **Modern Veterinary Practice** ,1985 **Housing, Husbandry, and Welfare of the Dog** ,1997 Management of Pregnant and Neonatal Dogs, Cats, and Exotic Pets Cheryl Lopate, 2012-05-22 Management of Pregnant and Neonatal Dogs Cats and Exotic Pets is a comprehensive yet practical reference on small animal neonatology Covering reproductive physiology of pregnancy and parturition normal neonatology and neonatal disorders in dogs cats and small exotic mammals the book gives special emphasis to fetal well being parturition normal physical parameters behavior common disorders and defects emergency care and orphan management Information on nutritional and environmental considerations for both the dam and offspring is included as well as guidance on offering advice to breeders providing neonatal care at home Well illustrated throughout Management of Pregnant and Neonatal Dogs Cats and Exotic Pets is a complete resource for the successful management of pregnant and newborn pets Veterinary practitioners students technicians and professional breeders all will find the book s how to clinically relevant approach to small animal neonatology invaluable **Behavior Problems of the Dog and Cat** Gary Landsberg, Wayne Hunthausen, Lowell Ackerman, 2012-12-14 Formerly the Handbook of Behavior Problems of the Dog

and Cat the new edition of the definitive guide to the diagnosis and treatment of behavior problems of the dog and cat has been extensively updated It retains the highly practical approach that has proved so successful in previous editions offering diagnostic guidelines preventative advice treatment guidelines and charts case examples client forms and handouts and product and resource suggestions along with details on the use of drugs and natural supplements to help optimize the behavior services offered in practice To add to these features the third edition is now fully referenced there is significant new content the book as been written with the entire hospital team in mind and many color images have been added The new edition welcomes a wide international mix of new contributors from Australia Spain Mexico and the United States A website link gives access to the handouts and forms previously found on disk As well as fulfilling its original purpose as a practical tool for the busy clinician this edition offers valuable and useful support material for all those studying the field of companion animal behavior Now in full color and using a revised format Behavior Problems of the Dog and Cat remains the most complete up to date and practical resource for the treating and diagnosing canine and feline behavior problems Many hot new topics covered including stress and its effects on health and behavior and pain assessment and management Three chapters are added dealing with canine and feline communication how to distinguish behavioral versus medical problems and how to deal with fear and aggression in the clinic Now thoroughly referenced to the scientific literature Includes updates on drugs and natural therapeutics Pain assessment charts now included All new color format offers extra illustrations throughout

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