



Technique for
Repair of Avian
Coxofemoral
Luxation

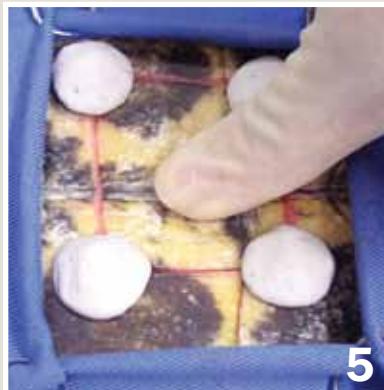
Chelonian Plastron
Closure with
Epoxy Putty


AVS
Avian Veterinary
Services

Greg E.



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Emmanuel Risi



Brendan Noonan



Cover photo: Greg Burkett, DVM, Dipl ABVP (Avian) by Anthony Cornelison

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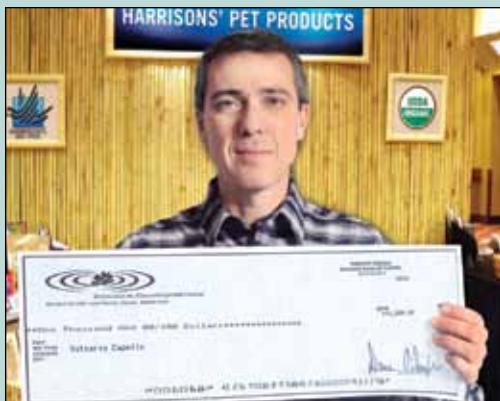
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Vittorio Capello is Winner of Clinical Case Report Contest

Harrison's Pet Products sponsored a contest for submission of the best clinical case report using one of its products, Harrison's Bird Foods or a HEALx item. The cases were evaluated based on medical relevance, case completeness, photo quality (before, during and after therapy) and overall presentation. Vittorio Capello, DVM, Dip ECZM (Small Mammal), Dipl ABVP (Exotic Companion Mammal) from Milan, Italy, was selected as the 2009 winner for: The Use of HEALx Soother Plus for Postoperative Management of Extensive Osteomyelitis of the Mandible Following Periapical Infection in a Mini Lop Rabbit (see page 21 in this issue). The award includes a check for \$1000. The 2010 Clinical Case Report contest is open for submissions until December 1, 2010. For submission information, check out www.exoticdvm.com/casereportaward.

Erratum

A typographical error was published in the Tools section of Vol 11.4 for Doggon' Wheels. The correct web site address is www.doggon.com/home.html.

Douglas Mader is New President of NAVC

Douglas R. Mader, MS, DVM, Dipl ABVP (Companion Animal) was installed as the new President of the North American Veterinary Conference (NAVC) during its annual meeting in January, 2010. Mader, a practitioner in Marathon, Florida, has edited two editions of Reptile Medicine and Surgery for Saunders-Elsevier, the most recent published in 2006. He has been a volunteer staff veterinarian at the Marathon



Sea Turtle Hospital for 15 years and works with other animal facilities in the Florida Keys. He recently received the Alumni Achievement Award from the University of California - Davis for his contributions to the welfare of animals as a teacher, researcher, author and practitioner.

According to Mader, "I have been with the NAVC since 1987, when the conference sponsored only a few lectures on exotic animal medicine. Now, 24 conferences later, I have watched the organization grow to be the premier CE for exotics. The NAVC has the largest collection of topics, world-class speakers and hands-on teaching laboratories in the world. As the new President of the NAVC, I am committed to continuing this trend."

Kevin Wright is NAVC Exotic Speaker of the Year

Kevin Wright, DVM, co-owner of the Arizona Exotic Animal Hospital in Mesa, was recognized at the 2010 North American Veterinary Conference as the Exotic Speaker of the Year. The annual award honors extraordinary lecturers as selected by evaluation responses from registrants at the previous year's (2009) conference.



Kevin Wright (right) receives the Exotic Speaker of the Year award from the 2009-2010 NAVC President, Earl M. Gaughan, DVM, Dipl ACVS.



Postoperative Management of Extensive Osteomyelitis of the Mandible Following Periapical Infection in a Mini Lop Rabbit*

Vittorio Capello, DVM, Dip ECZM (Small Mammal),
Dipl ABVP (Exotic Companion Mammal)



**Vittorio Capello, DVM, Dip ECZM (Small Mammal),
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Vittorio Capello graduated from the University of Milano, Italy, in 1989. Professionally, he focuses entirely on medicine and surgery of exotics (particularly exotic companion mammals), providing veterinary services for two clinics in Milano. He has lectured, published and taught courses and practical laboratories on these subjects. He has been a speaker at numerous international veterinary conferences. He is the author of Rabbit and Rodent Dentistry Handbook and Clinical Radiology of Exotic Companion Mammals. Dr. Capello is a founding diplomate of the European College of Zoological Medicine (Small Mammal).

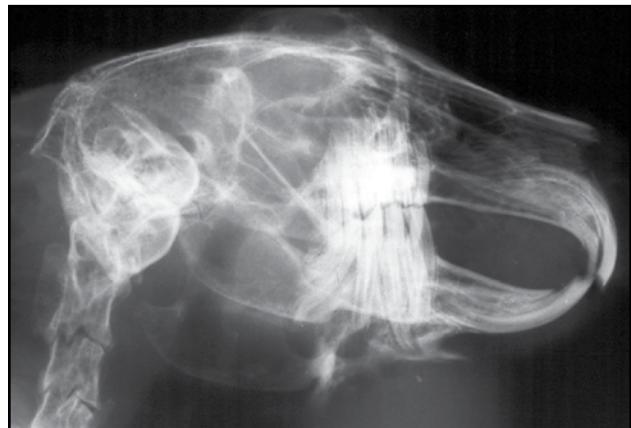


Fig 1. A 3-year-old female mini lop rabbit was presented for anorexia. The physical exam revealed the presence of a large swelling ventrolateral to the left mandible. Intraoral inspection and skull radiographs demonstrated a severe periapical infection and extensive osteomyelitis of the body of the mandible. The owners declined computed tomography for detailed definition of the diagnosis and prognosis, and exploratory surgery was performed.

*2009 Clinical Case Report of the Year



Fig 2. Excision of the abscess, extraction of the diseased teeth and thorough debridement of the osteomyelitic bone were performed in a routine manner. The osteomyelitic cavity was extremely wide and deep and surrounded by a round, thick periosteal reaction. The rostral end of the mandible is visible under the drape at the bottom left of the image.



Fig 3. Extensive marsupialization was attempted, even if the prognosis was guarded.



Fig 4. An antimicrobial/anti-inflammatory topical therapy (HEALx Soother Plus, www.heal-x.com) was applied twice daily. The rabbit was discharged on antibiotic (procaine penicillin 40,000 IU/kg SC q24h) and analgesic (meloxicam 0.2 mg/kg PO q12h) treatment. Assisted feeding was not necessary because the rabbit had eaten on its own since the first day following surgery. Rechecks for cleaning of the surgical site were scheduled every other day.



Fig 5. Follow-up 7 days after surgery shows abundant granulating tissue around the osteomyelitic sequestrum (the diseased teeth) was already present. The black area on the left is necrotic bony tissue from the periosteal reaction.



Fig 6. Follow-up 12 days after surgery reveals the oral/extraoral fistula has almost completely healed, and the defect is filling. The black bone will be debrided step by step; the cream-like color is the appearance of fibrin before debridement.



Fig 7. Follow-up 15 days after surgery, the deep ulceration is reducing in size.



Fig 8. Follow-up 21 days after surgery, the black necrotic bone has been almost completely debrided, and the ulceration has significantly reduced in size.



Fig 9. Follow-up 28 days after surgery.



Fig 10. Follow-up 5 weeks after surgery.



Fig 11. Follow-up 6 weeks after surgery. Control radiographs are pending.