



THE DUBAI EQUINE HOSPITAL “Clinical Excellence through Advancing Technology”

The Dubai Equine Hospital was founded in 1995 under the patronage of His Highness Sheikh Mohammed Bin Rashid Al Maktoum. Originally created to provide veterinary care for local horses, the Dubai Equine Hospital has developed as the equine population has increased and diversified. The Hospital now meets the demands of a globally orientated horse industry within the Middle East as well as providing care for the resident horses. That such a feat has been possible within the original facilities, testifies to the forethought of the original creators and the continual endeavor towards excellence by all those associated with it. Through an ethos of embracing modern technology and its application to the clinical environment, the Dubai Equine Hospital is committed to the advancement of equine veterinary science ensuring world class health care for all its patients, now and in the future.



مستشفى دبي للخيل
DUBAI EQUINE HOSPITAL





Hospital Services

As technology has enhanced the quality of human medical care, so the use of the latest equine technological counter parts at the Dubai Equine Hospital has advanced the clinical services it provides. In exactly the same way a human hospital cares for its' patients, the Hospital offers all the facilities necessary to diagnose and treat patients whether world class athletes or ponies kept for pleasure riding.



Diagnosis

Diagnosis is fundamental to successful treatment. The ability to acquire high resolution images of the body's structure and function in conjunction with modern medical and surgical therapy, supported by in house and closely associated specialized laboratories, has done much to contribute to the advancement of clinical achievement at the Hospital. Although radiology is the oldest non invasive means of imaging, the combination of this process with computer technology, has enhanced its capabilities to provide images of some of the deepest structures of the horse's body as well producing safer instantaneous radiographic imaging through use of the fluoroscopy. More elaborate anatomical imaging has been achieved with the introduction of a magnetic resonance imaging (MRI) centre at the Hospital. Using radio waves and a strong magnetic field, images of previously invisible structures of the horses' limbs can be obtained. Direct visualization of other previously inaccessible areas of the horses is also routinely performed using flexible fibre optic endoscopes and gastroscopes to assess the respiratory tract and stomach of the standing horse.







The availability of nuclear scintigraphy at the Hospital adds a further dimension to the other imaging modalities. Primarily used in lameness examinations, the technique shows the patho-physiological function of the system under investigation. Using a special camera, nuclear scintigraphy follows the absorption of radioactive material into abnormal tissue which may then be correlated to the patient's anatomy and clinical picture to elucidate a diagnosis. Similarly, employing high frequency sound waves rather than radiation, ultrasound scanning has made possible the detailed imaging of the horse's internal organs. Routinely used for examining tendon structure and abdominal anatomy, the ability of ultrasonography to capture images in real time also enables the movement of organs to be observed, allowing assessment, for example, of cardiac function.



Treatment

Successful resolution of a condition following diagnosis invariably requires surgical or medical intervention. The treatment facilities at the Hospital, in addition to regular in patient stabling, include an intensive care wing for more serious cases and an isolation unit to allow horses to be treated for contagious diseases without putting other patients at risk. The Hospital houses two operating theatres: one dedicated to orthopedics, the other to soft tissue surgery, each with its own anesthetic and recovery suites. Both surgical disciplines are fully provided with the necessary equipment, including a laser module, so the most up to date procedures may be undertaken. Surgeons have recourse to the intra operative imaging systems of arthroscopy, laparoscopy as well as an in theatre image integration system. The established surgical and medical therapies are augmented by the developing field of autologous cell therapy and the biopharmaceutical products available through the close collaboration of the Hospital with local and international based laboratories. Whilst the Hospital is primarily devoted to the treatment of injured and sick horses specialist expertise in breeding and reproduction is also provided. Traditional stallion and breeding mare management services, artificial insemination using frozen semen and embryo transfer facilities are offered.







Chiropractic

Chiropractic is a drug-free approach to equine health care. It does not involve the use of medication, surgery or attempt to replace traditional veterinary care. It focuses on ensuring a healthy nervous system for the benefit of the whole body including the musculo-skeletal system.

Mechanical disorders or subluxations of the spine can result in neurological or biomechanical dysfunction. A chiropractic adjustment uses a short lever, high velocity controlled manual maneuver directed at specific articulations to correct the vertebral subluxation. Through the adjustment of these subluxations, chiropractic maintains the alignment of the spinal column ensuring optimal nervous system function, muscle coordination and the ultimate well being of the horse.