

COMPLEMENTARY AND ALTERNATIVE MEDICINE & THERAPIES

September 18-19, 2017 Charlotte, USA

Egyptian practice in equine electro-acupuncture surgery

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The successful standing surgical procedures in equine that proof the production of analgesia were described in details particularly the chosen acupoints for each surgery. The analgesia induced by increasing the frequency of the power to the inserted acupuncture needles from 20 Hz to 55 Hz. Induction occurred over 20–30 minutes before the surgeries were performed. All surgical cases exhibited excellent degrees of response to the induced electroacupuncture analgesia. The exhibited clinical signs, physical examination data, and the responses of all animals were used for evaluating the periods of analgesia. Although the majority of the cases (95%) had no response to strong surgical pain, they experienced significant increases in heart rates and respiratory rates during induction. The lack of pain, relaxed surgical procedures, reduced intraoperative bleeding, and improved healing without complications were all definite benefits of using electroacupuncture analgesia in surgery. Thus, this study has provided surgical evidence supporting the effectiveness of electroacupuncture analgesia, as well as confirming its reliability, in the field of equine anesthesia and surgery.

Biography

Eldessouky Sheta has been a Professor at Department of Surgery, Anesthesiology and radiology since 2003. He graduated from Cairo University in 1981, obtained his M.V.Sc., in 1986 and Ph.D., in 1990 from Cairo University. He has been trained on experimental liver transplantation 6-months in Heidelberg, Germany in 1988. He has attended veterinary conferences in Russia (Saint Petersburg, 2009), Italy (Arezzo, 2013). He is the constructor of International Horse Care Center in Kuwait since 2004. He has been trained on veterinary acupuncture in China (Beijing, 2010). He published several scientific works in equine acupuncture. Currently, he is the president of Egyptian Veterinary Acupuncture Society (EVAS).

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