 verso اکوکاردویگرافی اسپچه خزر و استفاده نمودن پارامترهای آن

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اطلاعات هر منبع مربوط به این موضوعات می‌تواند در صفحه نتایج سایت SID.ir پیدا شود.

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بی‌پیش‌بینی این محققان می‌توانند مقاله‌ای در مورد تکنیک‌های جدیدی در تولید و استفاده از مواد الکتریکی و برقی نویسند.

جدول 2: نتایج حساسیت از آزمون T-nمی‌باشد.

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پس از انتخاب جدیدی از این مواد، محققان می‌توانند مقاله‌ای در مورد تکنیک‌های جدیدی در تولید و استفاده از مواد الکتریکی و برقی نویسند.
References


Echocardiography and standardization of its parameter in Caspian miniature horse.

Nadalian, M.G.1, Badiie, A.2, Mokhber Dezfooli, M.R.1, Lalehzari, KH.1, Nowrouzian, I.1
1Department of Clinical Sciences, Faculty of Veterinary Medicine, University of Tehran, Tehran - Iran. 2Graduated from the Faculty of Veterinary Medicine, University of Tehran, Tehran – Iran. 3Private Veterinary Practitioner J. Fac. Vet. Med. Tehran. Univ. 56, 4: 81-84, 2001.

Two dimensional (2-DE) and M-mode echocardiography were performed on 33 unsedated, healthy Caspian miniature and 10 thoroughbred horses. The groups comprised 26 adult, 7 young Caspian and 10 adult thoroughbred horses. Animals stood during examinations performed with a 3.5 MHz Mechanical sector transducer using various echocardiographic views. Images were recorded from the right and left sides of the thorax. 2-DE images were used to guide the placement of a cursor to obtain accurate M-mode recordings. The recommendations of the American Society of echocardiography were followed for all M-mode measurements. The leading edge method was used for all M-mode measurements. Right and left ventricular diameters, ventricular septa thickness (IVS) and ventricular free wall thickness were measured in chondral level with the axial beam prependicular to interventricular septum in end systole and end diastole.

Echocardiographic parameters of mitral and aortic valves and

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left atrium were calculated end systole and diastole. Using a 3.5 MHz probe, the quality of recording were adequate for quantitative and qualitative examinations. In Caspian miniature horses images obtained from the left side were of poorer quality than those obtained from the right. Summary statistics for each dimensions were determined including the range, mean, standard deviation, standard errors of mean and coefficient of variance. Significant differences between mean value of cardiac dimensions in adult Caspian miniature and thoroughbred horses were determined using The student-T test (P<0.05). No correlation was found between the measurement taken and heartgirth in adult Caspian miniature horses. There was no significant difference between the measurements in males and females adult Caspians using a student-T test (P<0.05). No linear correlation was found between the measurement taken and age in adult Caspian miniature horses. Measurements of the left atrial diameter in the adult Caspian correlated with aortic diameter in diastole. Spontaneous contrast were determined in one adult Caspian and 3 thoroughbred horses.

**Key words:** Standard, Echocardiography, M-mode, 2-DE, Caspian miniature horse.