



MODERN DIAGNOSTICS AND TREATMENT METHODS OF JUMPING AND WRIST JOINT SYNOVITIS IN SPORT HORSES

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Abstract . This in the article on sports horses jump downloads as a result appearance to be wrist (carpal) joint synovitis , its clinical looks , modern diagnostics methods and effective treatment approaches illuminated . The disease early in stages to be determined and right therapy measures for sport horses functional activity in recovery important importance profession will reach .

Key words : Synovitis , sports horse , bracelet joint , ultrasound diagnostics , arthroscopy , inflammation , treatment .

Subject relevance . Current equestrian sport in the day not only national our heritage and our culture one maybe , maybe economic benefit bringer network as well as intensive is developing . Especially jumping and other physical loading demand in sports activities participation arriving horses between bracelet joints inflammation , that is synovitis cases many This occurs . disease of sport horses movement activity limiting their sports performance reduces and large material damages brings . Traditional methods with early in stages diagnosis to put difficult that was due to illness often late is determined and treatment results unsatisfactory become remains . Therefore, modern diagnostics methods (MRI, ultrasonography , synovial liquid analysis and others) to practice current to grow synovitis early effective in determining and It's weird without effects in treatment important importance profession This will research topic: sports horses health save to stay ,



their active his life extension and veterinary medicine practice modern scientific approaches based on enrichment point of view from the point of view extremely current is considered.

Research purpose and tasks .

1. In sports horses bracelet joint synovitis clinical signs and etiopathogenesis study .

2. Different diagnostics methods — radiography , ultrasound examination (UTT), magnetic resonance imaging tomography (MRI) and synovial liquid analysis Compare the possibilities .

3. Modern diagnosis from the means used without synovitis early in stages determination efficiency determination and him/her traditional methods Compare with .

4. Based on the diagnosis used treatment methods (this including physiotherapy , intraarticular injections and regenerative therapy) clinical efficiency assessment.

Introduction . Sport horses — high physical loading under worker animals Especially in jumping , cross country , and competition . in sports such as participation provider horses to the joints big mechanic power falls . Therefore joint diseases , especially synovitis (joint) inside synovial liquid inflammation) in sport horses wide widespread orthopedic problem is considered the most many occurring from the regions one this wrist (carpal) joint. Synovitis — joint internal lining (synovial) inflammation of the membrane is , this situation inflammation liquid to accumulate , joint pain and to the tumor take will come . On time if not specified , this situation to arthrosis or movement to be limited take arrival possible.

Research in sport horses , especially during jump such as high loading demand in sports that you do active participation provider in breeds bracelet joint in the field occurring synovitis of the disease modern methods using to be determined and treatment to study Clinical situations in the analysis different 27 head of sport



horses aged attraction was made , in them to synovitis typical swelling , pain , movement limitation and local temperature increase such as characters observed .

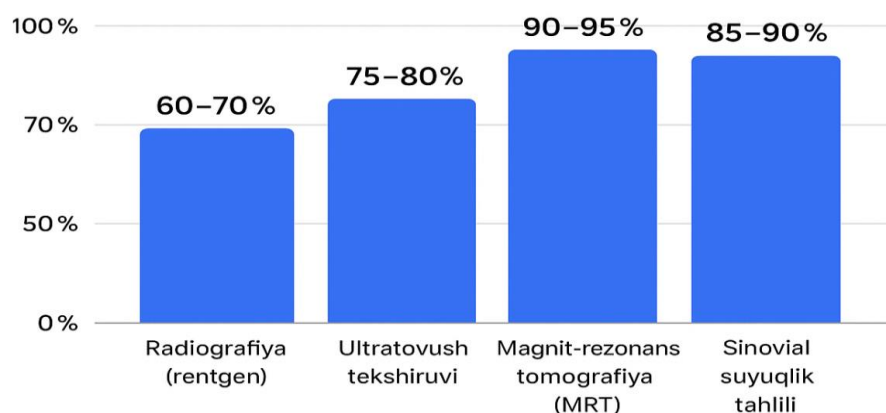
In diagnosis initially traditional methods applied , visual assessment and palpation based on diagnosis placed although , later modern technologies , that is digital radiography , ultrasound examination , magnetic resonance imaging tomography and synovial liquid analyses attraction Especially with the help of MRI synovitis of detection accuracy up to 94 percent enough , ultrasound in the examination and this The indicator is 87 percent. around happened detected , radiographic method and only 63 percent in case complete diagnosis to put opportunity given because of in diagnostics main tool as not evaluated . Diagnosis based on structured treatment in the protocols intraarticular hydrocortisone and hydroxyethylcellulose based on drugs with to inflammation against therapy , as well as physiotherapeutic treatments , that is laser therapy and magnet field with treatment was applied .

Modern to diagnosis based treatments held in 89 percent of cases complete clinical recovery was observed , in which side effect effects not observed . Other from the side , traditional methods based on treated on horses this indicator from 61 percent did not exceed and in them inflammation recurrence and movement limitation observed . International in the literature , particularly by MD Ross (2020) held in research also in sport horses modern MRI diagnostics based on used treatments inflammation early in stages determination and recovery by 30-40 percent to accelerate help given shown is , this our research our results complete confirms .

Research results in sports horses bracelet joint in the field synovitis own on time determination and complex approach based on treatment through animal sports activities restoration opportunities noticeable at the level increase showed .



Zamonaviy diagnostika usullarining samaradorligi



Conclusion . Conducted research as a result of sport horses bracelet joint in the field occurring synovitis disease determination and in treatment modern diagnostics methods efficiency high that is proven, therefore, the veterinarian in practice advanced to technologies based diagnostics and treatment methods wide current to grow necessary .

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