

DOKTORSKÝ STUDIJNÍ PROGRAM/*DOCTORAL STUDY PROGRAM*

**VYPSÁNÍ TÉMATU/*LISTING OF TOPIC***

Studijní program/*Study Program*: **Animal Science**

Studijní obor/*Branch of Study*: **program without field**

Katedra/*Department of*: **Veterinary Sciences**

Školitel, email/*Supervisor, email*: **prof. MVDr. Miroslav Svoboda, CSc.**

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Konzultant/*Co-supervisor*:

Forma studia/*Form of Study*: **Full\_time**

Typ tématu/*Type of Theme*: **Framework**

**Téma/Topic: Applicability of human echocardiographic parameters to small animal cardiology**

**Hypotézy/Hypotheses:** New but also existing parameters of human echocardiography can be applied in small animal cardiology in order to improve current diagnostic possibilities

**Anotace/Summary:**

Echocardiography is a widely used tool in the veterinary medicine of small animals, as a non-invasive technique for the examination of heart disorders. Most commonly used procedures are based on human cardiology. This project will evaluate which parameters commonly used in human echocardiography could be of benefit to veterinary medicine. The aim of this study is to find new parameters for veterinary echocardiography leading to the improvement of current diagnostics and to evaluate their benefits.

Zdroje financování práce/*Funding Sources*: Long-term conceptual development of a research organization and a student grant competition.

V/In Prague

dne/Date: 31.01.2022

Podpis/*Signature*: