

**Evaluation form PhD thesis**

**Please return by e-mail to [tania.roskams@kuleuven.be](mailto:tania.roskams@kuleuven.be) before 19/10/2017**

Name PhD student: Iva URBANKOVA

Title thesis: "Modern technologies in the assessment and treatment of pelvic organ prolapse - Experimental and clinical studies"

Name referee: David KACHLIK

**Evaluation score: please indicate in the table below your final score**

	Decision		Implication
<input type="checkbox"/>	Accepted without revision		Permission for public defense is granted immediately.
<input checked="" type="checkbox"/>	Minor revision - Accepted	<b>I do not want to review</b> the revised version	Permission for public defense will be granted via e-mail procedure.
<input type="checkbox"/>	Minor revision	<b>I want to review</b> the revised version	
<input type="checkbox"/>	Major revision required		Decisions 4 and 5 need to be confirmed by a formal meeting of the examining committee (external members are exempted from attending, but will be consulted via e-mail)
<input type="checkbox"/>	Not accepted	New version of manuscript has to be submitted	

## Evaluation

### General Remarks:

The thesis handles with an up-to-date hot topic and the approach is multi-tracking, from pure anatomical description of the ovine pelvic floor and comparison to implantation procedure of meshes and evaluation of their function and structure, of their imaging potential, including a clinical study of a large cohort of patients. The results are adequate to the aims and although there are several principal limitations of every study performed, the results are useful and important for further research.

### Major comments:

None.

### Minor comments:

The principal comments are about the formal and terminological issue only. The anatomical terminology should be consistent with the last version of the human and veterinary anatomical nomenclatures. The type-setting and formal rules have to be followed as well. See and correct the comments in the attached file.

### Minor question to the author:

Does or could the unilateral avulsion of the levator ani muscle correlate with the side of the episiotomy? (page 34)

"The correlate of the m. bulbospongiosus is actually two muscles, which surround the vestibulum (m. constrictor vestibuli) and vulva (m. constrictor vulvae). According to veterinarian textbooks, they originate from a single structure". Does it mean that they originate (attaches) at one single structure - which one? - are that they are embryologically derived from one structural base - which one? (page 61).

"Our results parallel the trends, though the exact values are different most probably because different testing methodology and regions were used [6]." - why not discussed more when this is the only study to be compared? (page 81).

*David Vanlil*