

857

Mouchel T<sup>1</sup>, Beco J<sup>2</sup>

1. *Clinique du Tertre Rouge, Le Mans, France*, 2. *Liège University, Belgium*

## PELVIS 3D

### Introduction

Perineology is based on the diagnosis and treatment of "specific defects" (1, 2). So it is important to define these "defects" and for this purpose a good knowledge of anatomy is necessary. Although the anatomy of this area may seem well described in textbooks, some key features are usually underestimated or even forgotten. We present a simplified three-dimensional model that describes the most important features of the functional anatomy (3).

### Design

This three-dimensional model of the pelvic floor was realized with Blender 3D (freeware). It summarizes the anatomical data obtained in the literature, by MRI and ultrasound, in the operating room and on cadavers.

### Results

This video is a sample of a more complete DVD describing the main anatomical structures of the pelvic floor. In this sample, defecation, stress urinary incontinence, prolapse and the three main surgical procedures that can be used to treat stress urinary incontinence (TVT, TOT and MVT) are presented in a very simple manner.



### Conclusion

Functional anatomy of the pelvic floor is usually difficult to understand. This 3D model can be helpful to improve the management of pelvic floor disorders according to the concept of Perineology (1, 2).

### References

1. Beco J, Mouchel J, Nelissen G: *La Périnéologie... comprendre un équilibre et le préserver*. Verviers (Belgium): Odyssee 1372; 1998
2. Beco J, Mouchel J: Understanding the concept of perineology. *Int Urogynecol J Pelvic Floor Dysfunct* 2002, 13(5):275-277
3. Mouchel T, Mouchel F: Basic anatomic features in perineology. *Pelviperineology* 2008, 27(4):156-159.

<b><i>Specify source of funding or grant</i></b>	<b>None</b>
<b><i>Is this a clinical trial?</i></b>	<b>No</b>
<b><i>What were the subjects in the study?</i></b>	<b>NONE</b>