GIT I – motility

**Laboratory exercise and seminar in medical physiology**

Home preparation, study materials and learning objectives

**Learning objectives**

* The student is able to describe the structure of the entire intestinal tract (mucosa, muscle,...)
* The student is able to explain the control mechanisms that control GIT motility (innervation, ANS, ENS, reflexes)
* The student is able to describe all types of GIT movements and their purpose
* The student is able to describe and explain GIT reflexes (swallowing, vomiting, defecation)
* The student is able to explain the influence of the intestinal microbiome on the GIT

**Study materials**

* Lectures Digestion I and II
* Constanzo – Physiology, 6th or 7th edition, chapter 8 (pp.345-398)

**Topics of student’s presentations**

**7.1. Describe the different levels of control of motility of the digestive tsystem**

**7.2. Describe the principles of triggering and mechanism of vomiting**