**Assignment for Viva (Spring 2020) (DPT 2nd Semester- sec B)**

**Course Title: Human Anatomy II Instructor: Dr. Maria Feroze**

**Note:**

* **Upload your assignment on SIC till 10th July 11:59 p.m.**
* **Copying the content from net or book is not allowed.**
* **Write the assignment in MS word/pdf.**

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Q1. Why do we study Human Anatomy in Physical Therapy?

Human Anatomy is the oldest known medical science and has an important part in the foundation of health education. It is a known fact that healthcare professionals may require a good knowledge of anatomy to be better in their fields . Therefore, anatomy is the main course in any Physical Therapy (PT) program’s curriculum and there is a close relationship between vocational courses. In addition, new technologies such as 3D are also used in anatomy education. When practical education is in question, the importance of cadaver dissections are underlined . This education is extremely important in both medical applications performed on the healthy human body and pathological situations. However, the greatest handicap in both medical faculties and Physiotherapy and Rehabilitation schools is the low number or lack of cadavers. Many graduate students never see a cadaver and receive their practical training on models or only on visuals. Health professionals need good anatomical knowledge on the functions and structures of the body to be able to perform high quality care and health services. What is more important than having theoretical knowledge is being able to use this knowledge in a suitable manner in numerous occupational practices such as palpation, examination and pathological tissue evaluation. Clinical knowledge of anatomy is learned in a better manner in environments which are related to students’ academic and occupational targets . Along with the developing medical and health education and services, the importance of the science of anatomy is becoming even more important. After graduation, knowledge of anatomy is needed in particular in different clinics. Lack of knowledge in anatomy causes certain problems . Current studies advocate the continuity of anatomy education and emphasize that training after graduation and exams in certain intervals need to continue . In this study, the effect of anatomy on occupational education processes and occupational life from the point of view of physiotherapists is being dealt with. It is aimed at identifying the needs/deficiencies of physiotherapists who work in clinics about the quality of the current anatomy education and clinical cases and presenting suggestions of these people on the process of anatomy education.

Q2. What physical therapy treatment should be given to a patient who has limited hip extension?

A patient who has limited hip extension treated as posterior anterior glide in prone position, hip extension isometric exercise in supine. But through history of patient is required regarding patient age problem, duration of problem, reason of pain etc. we cannot decide a treatment just through single word, we have to go through a throughout history.