**University: Kafr El Sheikh**

**Faculty of Physical Therapy**

Course Specifications 2016-2017

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| Basic Information: |
| Program Title: Bachelor degree in physical therapy |
| Department Responsible for the Course:Physical Therapy Department for integumentary disorders. |
| Course Title and Code: General surgery and burn **Code of the course:** M407 |
| Year/ Level:Fourth year second semester. |
| No. of Contact Hours: 3 Lecture: 3 Hours  |
| Authorization Date of Course Specification: |
| Professional Information. |
| Aims:By successful completion of the course the student should be able to:Have knowledge and understanding of medical scientific base related to burn and general surgery.Recognize the medical and surgical treatment options of burn, general surgery and plastic surgery conditions.Differentiate between burn degrees and treatment options of each degree. |
| Intended Learning Outcomes of the Course (ILOs) |
| Knowledge and Understanding:By successful completion of the course the student should be able to:Recognize the integumentary system normal structures and functions and the pathophysiological mechanisms of its dysfunctions relevant to physical therapy.List postoperative complication and their prevention related to physical therapy.Recognize surgical terms and systemic response to surgery and trauma.Identify different types and degrees of burn its complications and systemic effectsOutline principles of medical and surgical intervention in treatment of some surgical and burn cases.List indications and contraindications of each medical and surgical intervention in treatment of burn and surgery cases. |
| Intellectual Skills:By successful completion of the course the student should be able to:Evaluate burn and surgical patients in relation to the knowledge of genral and plastic surgeries. Interpret the obtained data about the patient examination to determine the prognosis of the surgical and burn cases.Explain the surgical and medical treatment options in different burn and surgery cases.Compere between different types and degrees of burn wonds. |
| Professional and Practical Skills:By successful completion of the course the student should be able to:Appraise the posible complecations in burn, general surgery and plastic surgery.Choose the appropriate medical and surgical management option for burn, general surgery and plastic surgery cases relevant to physical therapy . |
| General and Transferable Skills:By successful completion of the course the student should be able to:Extract data using information technology, library and appropriate techniques.Use internet critically as a mean of communication and source of information for the medical treatment of burn, general surgery and plastic surgery. Cooperate with other members of the teamwork for the benefit of surgical and burn patients. |
| Contents |
| **Week No.** | **Topic** | **No. of hours/Week** |
| **Theoretical** | **LAB** | **Clinical** | **Total** |
| 1st | Surgical terms and systemic response to surgery and trauma. | 3 |  |  |  |
| 2nd | Burn types, complications and its medical and surgical management (acute and chronic) | 3 |  |  |  |
| 3rd | Special types of Burn (hand burn, neck burn and burn in children) | 3 |  |  |  |
| 4th | Burn wound and wound healing | 3 |  |  |  |
| 5th | Plastic and reconstructive surgery | 3 |  |  |  |
| 6th | Medical and surgical management of Scar  | 3 |  |  |  |
| 7th | Pre and postoperative care and surgical complications | 3 |  |  |  |
| 8th | Upper abdominal surgeries | 3 |  |  |  |
| 9th | Bariatric surgeries  | 3 |  |  |  |
| 10th | Breast cancer and Mastectomy | 3 |  |  |  |
| 11th | Lymphatic edema | 3 |  |  |  |
| 12th | Abdominal wall and hernias | 3 |  |  |  |
| 13th | Rectal and anal surgeries | 3 |  |  |  |
| 14th | Transplantation (renal, liver and bone marrow) | 3 |  |  |  |
| 15th | Revision | 3 |  |  |  |
| Teaching and Learning Methods* Lectures
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| Teaching and Learning Methods for Limited Abilities* Not Applicable.
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| Student Assessment Assessment methods |
| Assessment Method | Assessed ILO |
| Final written exam  | Knowledge, Intellectual and Professional Skills |
| Mid term exam |  |
| Student activity (researches and quizzes). | Knowledge and General and Transferable Skills |
| Attendance criteria: The minimal acceptable attendance is 75% |  |
| Assessment Schedule  |
| Assessment | Week |
| Final written exams  | 16th week |
| Mid term exam. | 7th week |
| Student activity | 2nd , 4th , 9th , 11th , 13th weeks |
|  Weighting of Assessments  |
| **Assessment** | **Weight** |
| Final written exam | **80%** |
| Midterm exam | **10%** |
| Student activity | **10%** |
| **Total** | 100**%** |
| List of References |
| Course Notes* Integumentary disorders physical therapy, burn and surgery rehabilitation (principles and practice for Physiotherapy students 4thyear, 2nd S 2016-2017).
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| Essential Books (Text Books)* Lawrence, P.F., R.M. Bell, M.T. Dayton, and J. Hebert. Essentials of General Surgery. Wolters Kluwer Health, 2013.
* Lowry, S.F., R.G. Ciocca, and C.S. Rettie. Learning Surgery: The Surgery Clerkship Manual. Springer, 2005.
* Claudet, R.R., and M.A. Jacocks. General Surgery. Springer New York, 2012.
 |
| Recommended Books* Lagattolla, N.R.F., C.R. Lattimer, and N.M. Wilson. Key Topics in General Surgery. Taylor & Francis, 2002.
* Ellis, H., R. Calne, and C. Watson. Lecture Notes: General Surgery. Wiley, 2011.
 |
| Periodicals, Web Sites, … etcThe American Board of Surgery **(**www.absurgery.org**)**University of California San Francisco, UCSF Medical Center, Department of Surgery **(**http://general.surgery.ucsf.edu/conditions--procedures.aspx |

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| **Course Coordinator****Dr. Ahmed Mahmoud Kadry** |  | **Head of Department and dean of Faculty** **Prof. Dr. Amal Fawzy** |