**Integrated Clinical Skills Activities (Foundation Block)**

**1ST Year Medical Students, SY 2013-2014**

**PROJECT DESCRIPTION:**

As an additional Learning experience the **Medical Education Department College of Medicine** integrates the **ICSA** as an essential component of the Foundation Block Curriculum for Freshmen Medical students. The program will run for 5 days, morning and afternoon session. It will start on 09 October 2013 and will end up on 13 November 2013. The students will visit different department of the hospital and they will be guided and supervised by the assigned preceptors or Demonstrators with their respective unit.

**GENERAL OBJECTIVES:**

The program Aim “to **create an atmosphere that minimizes anxiety, promotes positive attitudes and stimulates an excitement for learning the routines and services of each area/ department related to clinical and non-clinical domains”.**

**AREAS OF VISIT**

1. Computer (IT) Department
2. Radiology Department

* X-ray department
* MRI
* CT-scan
* Ultrasound

1. Hospital Laboratory Department ( Male and Female)

* Biochemistry
* Hematology
* Histopathology
* Microbiology

1. Primary Care Clinics

* PCC 1 (Female Clinic)
* PCC 2 (Male Clinic)

1. Department of Emergency Medicine (DEM)

* Adult DEM
* Pedia DEM

1. Medical College Library Department
2. Clinical Neuro-Physiology and Non Invasive Cardiology Laboratory Department
3. Medical Education Department

* Life Support Unit
* Basic Skills

1. Specialized Clinics

* Pediatric OPD
* Surgery OPD
* Dermatology OPD
* OB-Gyne OPD
* Medicine OPD
* Orthopedic OPD
* ENT OPD
* OPHTHA OPD

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**SPECIFIC OBJECTIVES FOR EACH DEPARTMENT VISIT**

**IT DEPARTMENT**

**At the end of this activity, the students will be able to:**

* Know the function of different computer systems used within the hospital.
* Know the use of “Hospital Information System” (including Lab & X-ray results access) and recognize its function in daily works.
* Identify their weaknesses in computer skills which could be improved.

**RADIOLOGY DEPARTMENT**

**At the end of this activity, the students will be able to:**

* Identify the different units in the department.
* Identify the functions of each unit.
* Know the services provided by each unit of the department.
* Be familiar with the equipment used in Radiology Department.
* Observe some procedures being done on a patient.

**HOSPITAL LABORATORY**

**At the end of this activity, the students will be able to:**

* Identify the different units in the department.
* Identify the functions of each unit.
* Know the services provided by each unit of the department.
* Be familiar with the test, procedures done in the unit and its indications.

**PRIMARY CARE CLINIC**

**At the end of this activity, the students will be able to:**

* Identify the services provided in the Primary Care Clinic.
* Know common problems/complaints of patients
* Know the referral process.
* Observe a doctor- patient interaction

**DEPARTMENT of EMERGENCY MEDICINE (DEM)**

**At the end of this activity, the students will be able to:**

* Know common problems/complaints of patients brought to ER
* Know the different units in the ER Department
* Be familiar with the system used to categorized patients.
* Be familiar with the procedures done in ER

**MEDICAL COLLEGE LIBRARY**

**At the end of this activity, the students will be able to:**

* Know the different sections in the library.
* Be familiar with the process used in searching for references and other reading materials.
* Be familiar with the borrowing system used in the Library.
* Know the websites useful to medical students.

**CLINICAL NEURO-PHYSIOLOGY , NON INVASIVE CARDIOLOGY, and PFT DEPARTMENT**

**At the end of this activity, the students will be able to:**

* Know the different units/sections in the clinical Non Invasive Cardiology Department.
* Know the functions of each unit.
* Know the indication of tests ordered for the patients
* Observe some procedures being done on a patient.

**MEDICAL EDUCATION DEAPARTMENT**

At the end of this activity, the students will be able to:

1. Know the concepts of CPR
2. Know the special considerations in performing CPR.
3. Perform the steps of CPR.
4. Be familiar with the Basic skills a medical student should know.

* Blood Pressure measurement
* Assessment of Pulse
* Hand washing
* Proper Waste Disposal
* Use of PPE

**SPECIALIZED CLINICS (PEDIATRIC, SURGERY, OB- GYNE,MEDICAL,ORTHO OPD,DERMA,ENT and OPHTHA. OPD)**

**At the end of this activity, the students will be able to:**

1. Know the common complaints presented by patients in the clinic.
2. Know the services provided by the clinic.
3. Know and be familiar with the referral system used in the clinic.
4. Be familiar with the common procedures done in the clinic.
5. Observe a doctor- patient interaction.

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**DEMONSTRATOR’S RESPONSIBILITY**

1. Checks students’ attendance and submit it to the Supervisor of Integrated Clinical Skills Activities (ICSA).
2. Orients the students in the department.
3. Physical set up, organizational structure
4. Functions and services provided by the department.

**For the departments catering to patients, aside from those mentioned above, please include these:**

1. Workflow including registration procedures.
2. Tests, procedures and examinations usually done in the department and its indication.
3. Machines or equipment available.
4. Common problems/cases presented by the patients.
5. Referral system
6. If possible, allow the students to observe a doctor- patient interaction and explain the importance of gathering detailed information from the patient as basis of treatment.
7. Asks students to make a **feedback** about their experience in the department, collect and submit it together with the attendance.