

**Bon Secours Health System, Inc.**  
 Richmond Region  
 St. Mary's Hospital  
 Policy/Procedure

Policy Manual: School of Medical Imaging  
 Section: Student/General

Title: Clinical Plan

Policy No: 59A

Rev.: 8/2009

Areas Affected: Students

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Students will be assigned to various rotations throughout the programs' JRCERT recognized clinical sites. A list of the clinical sites will be provided on Moodle. Students shall use clinical time to develop skills initially taught in didactic courses. Combining these two components the student should, at the end of the program be competent to perform as an entry-level radiographer.

### ***Clinical Education Time***

| Semester/Term         | Days                      | Hours                     |
|-----------------------|---------------------------|---------------------------|
| First, Second & Third | Tuesday, Thursday         | 8:00-4:30                 |
| Fourth & Fifth        | Monday, Wednesday, Friday | 8:00-4:30 & 1:00pm-9:30pm |

***Due to the fluctuations with the 18 month program, clinical days are subject to change.***

### ***Rotations***

Students will be assigned to rotations of either 8 weeks or 3-6 weeks in a specific location. Some rotations will be in facilities, which the student will rotate to various different areas, (e.g. fluoro, ER, routines, OR).

Evening rotations of 1:00pm-9:30pm occur for 3 weeks during the 4<sup>th</sup> and 5<sup>th</sup> semesters only.

The student will also rotate through advanced practice areas in Radiography as well as other modalities within Medical Imaging (US, CT, MR, Oncology, Nuclear Medicine, Interventional Radiography, and Cardiac Cath) following didactic instruction of the topic.

Students are provided with clinical objectives for clinical rotations. Written assignments may also be required in support of student learning. The student shall evaluate the clinical rotation at the end of the rotation period. Clinical Rotation assignments are scheduled at the beginning of each semester. Schedules are subject to change with notice. **STUDENT REQUESTS FOR CHANGE IN CLINICAL ASSIGNMENTS WILL NOT BE RECOGNIZED UNLESS EXTREME AND EXTENUATING CIRCUMSTANCES EXSITS.**

### ***Clinical Progression***

Correlation between didactic and clinical courses occurs through assigned laboratory competencies that are a component of didactic courses, assigned clinical competencies, and projects/activities each semester/term. Students must complete the didactic component and laboratory competency before that specific graded clinical competency can be performed (see competency flow chart).

***Instructional Laboratory***

The School of Medical Imaging has a designated radiology lab equipped with a non-energized radiographic unit on which the students have designated practice time. Energized radiographic units within the Radiology Departments are utilized for simulations and lab assignments. Students may be assigned projects in didactic courses to be completed in the clinic.

***Competency Progression***

Students must progress through a specific series of non-graded and graded competency testing in order to be designated “Competent” as defined by the ARRT. Each student must meet the established competency guidelines as established by the ARRT in order to be Registry eligible.

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| The steps of competency testing is as follows:  |
| 1. Student attends lecture and lab on procedure   |
| 2. Student passes lab competency on procedure   |
| 3. Student performs required Pre Competencies and Basic Competencies on each procedure (i.e. foot, hand...)         |
| 4. Student passes Master Competency on procedure (26 procedures)  |
| 5. 3 <sup>rd</sup> -5 <sup>th</sup> semester student passes Final Competencies (4 procedures)                       |
| 6. Student must complete all required competencies (ARRT) in this listed sequence in order to sit for the registry. |

Students must successfully complete each step to progress to the next step.

A passing grade must be obtained for each clinical course (CRS 101-251). Students who fail to receive a passing grade in any clinical course will be dismissed from the program. Refer to the dismissal policy.

Students may take a clinical leave of absence if they are unable to attend clinical or perform clinical responsibilities. Refer to Leave of Absence Policy. The leave of absence may not exceed 6 weeks and may affect Federal Funding eligibility.

***Pre-Competency***

A radiographic procedure that allows minor assistance by CI, Preceptor, or Registered Technologist, performed in the clinical setting. This competency may be performed after lecture of that specific topic.

All exams are performed with **direct supervision** until the student has completed the Basic Competency evaluation; then the student may perform the examination under Indirect Supervision. See specific definition in Student Supervision Policy.

***Basic Competency***

A radiographic procedure performed **independently**, observed by a CI, Preceptor or Registered Technologist and can be performed after passing the lab practical test.

***Master Competency***

A radiographic procedure completed by the student **independently**, observed and graded by a **CI or Preceptor**. These exams (26) must be completed with an 88% minimum passing grade. The Master Comp will assess retention and comprehension of critical knowledge and refinement of clinical skill. Students who receive unsatisfactory grades must repeat the Master Comp with the new grade averaged with the original grade. Students who fail to receive a passing grade on the Master Comp when averaged will receive remedial clinical training.

***Final Competency***

3<sup>rd</sup>-5<sup>th</sup> semester students shall be required to complete Final Competency examinations, which will be graded by Clinical Instructors or designee only. The Final Comp will assess overall comprehension of critical knowledge and refinement of clinical skill. These exams (4) must be completed with an 88% minimum passing grade. Students who receive unsatisfactory grades must repeat the Final Comp with the new grade being averaged with the original grade. Students who fail to receive a passing grade on the Final Comp when averaged will not receive a passing grade for that clinical course. The Final Comp assesses affective, psychomotor and cognitive domains. **The Clinical Instructor may select the patient and exam.**

***Student Clinical Instructor Evaluations***

The Clinical Instructor or Clinical Coordinator shall complete a written evaluation of each student at the conclusion of each rotation. Also, at any point within the semester the Clinical Instructor may require a student consultation. Documentation of the consultation will be kept in the student record. Students may also schedule time to review clinical records with their Clinical Coordinator at any point during the semester.

***Technologist Evaluations***

Technologists can complete optional evaluations of students following a clinical rotation. This evaluation is submitted directly to the school office by the technologist or instructor. The Clinical Coordinator or Clinical Instructor will review the evaluation with the students.

***Clinical Seminar***

Each week students are required to attend Clinical Seminar. During this 1-hour meeting, clinical issues are discussed and students submit all required documents. Students' must maintain their clinical documents in an orderly manner. Refer to the Clinical Seminar syllabus for additional information. Grade point reductions will result from failure to attend Clinical Seminar and failure to maintain documents in an acceptable manner. No forms with identifiable patient information are ever permitted to leave the clinical site with a student.

**RESPONSIBLE PERSONS:** Program Faculty and Administration

**Approved by:**

Jody D. Crane, M.A.Ed., RT(R) (BD)

Program Director

August 18, 2009

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Signature

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Title

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Date

**Approval History:**

Committees and Dates:

Faculty and administrative review in: 4/2002, 8/2003, 5/2004, 8/2004, 6/2005, 6/2006, 7/2007, 8/2008, 1/2009, 8/2009

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