



State of New Jersey

ADVISORY COMMITTEE ON ALTERNATIVELY ACCREDITED MEDICAL SCHOOL CLINICAL CLERKSHIPS

CREATED WITHIN THE COMMISSION ON HIGHER EDUCATION

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SINDY PAUL, M.D., M.P.H., F.A.C.P.M.

ADVISORY COMMITTEE CHAIRWOMAN

TO: The Honorable Richard J. Codey, Senate President
The Honorable Joseph J. Roberts, Jr., Speaker of the Assembly

DATE: June 22, 2007

The Advisory Committee on Alternatively Accredited Medical School Clinical Clerkships was created within the New Jersey Commission on Higher Education pursuant to Public Law 2003, Chapter 133. The Advisory Committee was fully constituted in the summer of 2006.

Consistent with its charge, the Advisory Committee is pleased to provide the enclosed report regarding alternatively accredited medical school clinical clerkship programs. The report includes information about the existing clinical clerkship programs offered in New Jersey by alternatively accredited medical schools as well as recommendations for consideration by the New Jersey Legislature and the Advisory Graduate Medical Education Council.

Sincerely,

Sindy M. Paul, MD, MPH

Sindy Paul, M.D., M.P.H., F.A.C.P.M., Chairwoman
Advisory Committee on Alternatively Accredited Medical School Clinical Clerkships

c: Governor Jon S. Corzine

- ✓ Director of Public Information, Office of Legislative Services
- Laurence M. Downes, Chairman, NJ Commission on Higher Education
- Jane Oates, Executive Director, NJ Commission on Higher Education
- Jeanne M. Oswald, Deputy Executive NJ Director, Commission on Higher Education
- Members, Advisory Committee on Alternatively Accredited Medical School Clinical Clerkships

REPORT TO THE NEW JERSEY LEGISLATURE AND THE ADVISORY GRADUATE MEDICAL EDUCATION COUNCIL

**Prepared by
The Advisory Committee on
Alternatively Accredited Medical School Clinical Clerkships**

June 2007

INTRODUCTION

Public Law 2003, Chapter 133 established The Advisory Committee on Alternatively Accredited Medical School Clinical Clerkships. This advisory committee was fully constituted in the summer of 2006, and held its orientation meeting in August 2006. A list of the advisory committee members is attached as Appendix A.

The specific charges to the advisory committee are listed below.

The Advisory Committee on Alternatively Accredited Medical School Clinical Clerkships shall:

- a. Recommend standards for appropriate facilities to be used in clinical clerkship programs operated by an alternatively accredited medical school;
- b. Make recommendations as to the number and type of clinical clerkship programs that may be directed by an alternatively accredited medical school at a teaching hospital in this State, based upon the capacity of that hospital and the health care needs of the community in which the hospital is located;
- c. Review the clinical clerkship programs operated by alternatively accredited medical schools in this State, and prepare a report which shall include, but not be limited to, a description and analysis of:
 - (1) the teacher to student ratio, the resident to clinical clerkship student ratio and the capacity of each teaching hospital operating a clinical clerkship program;
 - (2) the number and type of clerkship positions that are filled and the number and type of clerkship positions that are requested by alternatively accredited medical schools;
 - (3) the number of alternatively accredited medical school graduates who participated in clinical clerkships in the State and have attained residencies in New Jersey;
 - (4) the types and locations of residencies accepted by clinical clerkship students, identifying types and locations of residencies accepted by students of alternatively accredited medical schools and of medical schools located within the United States;

- (5) the degree of success of the clinical clerkship programs operated by alternatively accredited medical schools as measured by the use of the same criteria as published in the Journal of the American Medical Association annual education report; and
 - (6) any recommendations to the Legislature, including any proposed legislation, which it may desire to recommend for enactment; and
- d. Make recommendations to the Advisory Graduate Medical Education Council (AGMEC) of New Jersey with respect to the operation of clinical clerkship programs operated by alternatively accredited medical schools at teaching hospitals in this State.

As called for by statute, this report includes the results of the review of existing alternatively accredited medical school clinical clerkship programs operating in New Jersey as well as recommendations to the Legislature and AGMEC.

FINDINGS AND RECOMMENDATIONS

CHARGE: Review the clinical clerkship programs¹ operated by alternatively accredited medical schools in New Jersey and report on the six items listed on pages 1 and 2.

Consistent with its statutory charge, the Advisory Committee reviewed the clinical clerkship programs that are currently operated in New Jersey by alternatively accredited medical schools. The Committee developed two surveys – one for the two alternatively accredited medical schools that currently operate clinical clerkships in the state and one for the 10 hospitals at which those clerkships take place. The surveys were provided electronically and were completed independently by the recipients. The information is, therefore, self reported by medical school deans and the directors of medical education at the hospitals (or their designees). The following information, which was specifically requested in the law, is provided based on electronic recipient responses as well as follow-up conversations where needed.

(A list of recipients of the medical school survey and of the hospital survey is attached as Appendix B. A summary of the responses is available for each of the surveys in Appendix C.)

1a. Faculty to Student Ratio

The average faculty to student ratio by rotation at hospitals offering alternatively accredited medical school clinical clerkship programs is provided in Table 1. In striving for high-quality programs, the wide range in faculty to student ratio within specific rotations could be cause for concern. Ratios for individual hospitals are available in Appendix C3.

Table 1

Faculty/Student Ratios			
Rotation	Average	Ranging From:	To:
Pediatrics	2.0:1	0.6:1	4.4:1
Internal Medicine	2.1:1	0.4:1	7.8:1
General Surgery	2.1:1	0.6:1	6.3:1
OB/GYN	4.8:1	0.7:1	12.5:1
Psychiatry	2.3:1	0.8:1	5.0:1
Family Practice	0.8:1	0.6:1	1.0:1
Primary Care*	0.9:1	0.9:1	0.9:1

*One hospital uses this term for a combination of Internal Medicine and General Surgery rotations.

¹ Clinical clerkship programs are those provided for third-year medical students. Programs for fourth year students are considered electives or subinternships.

Additional information regarding faculty time is provided in Tables 2 and 3.

Table 2

Reported Student Time with Faculty Per Week			
Rotation	Average	Ranging From	To
Pediatrics	14.8	9.0	25.0
Internal Medicine	17.1	12.0	30.0
General Surgery	25.7	15.0	40.0
OB/GYN	27.6	15.0	40.0
Psychiatry	15.9	11.0	25.0
Family Practice	22.5	10.0	35.0
Primary Care*	20.0	20.0	20.0

*One hospital uses this term for a combination of Internal Medicine and General Surgery rotations.

Table 3

Reported Faculty Time Per Week Providing Didactic Material			
Rotation	Average	Ranging From	To
Pediatrics	6.2	3.0	10.0
Internal Medicine	7.4	3.0	10.0
General Surgery	5.2	3.0	10.0
OB/GYN	5.7	2.0	10.0
Psychiatry	3.4	2.0	5.0
Family Practice	3.5	1.0	6.0
Primary Care*	10.0	10.0	10.0

*One hospital uses this term for a combination of Internal Medicine and General Surgery rotations.

The wide range among the teaching hospitals of time that students within the same rotation spend with faculty may also be cause for concern.

1b. Resident to Student Ratio

New Jersey statute specifically requires a minimum ratio of one resident for every two students from alternatively accredited medical schools, which speaks to the importance of sufficient human resources to high-quality programs.

Table 4 represents the ratio of all residents in each rotation to the total number of students in clinical clerkships in that rotation; it includes all students – regardless of what medical school they attend. In some cases, hospitals do not currently meet the requirement of at least one resident for every two students in some rotations. In addition, in cases where the ratio is met, the addition of more clerkship positions may require additional residents. Ratios for individual hospitals are available in Appendix C3.

Table 4

Reported Resident/Student Ratios			
Rotation	Average	Ranging From:	To:
Pediatrics	2.6:1	1.3:1	4.1:1
Internal Medicine	4.2:1	2.4:1	6.0:1
General Surgery	1.5:1	0.0:1*	3.5:1
OB/GYN	2.1:1	1.3:1	2.8:1
Psychiatry	0.6:1	0.0:1**	1.4:1
Family Practice	2.2:1	1.7:1	2.8:1
Primary Care***	-	-	-

*This hospital reported no residents on staff at the time of the survey; attending physicians were used.

**This hospital reported that it had 2 clerkships from LCME hospitals, no current alternatively accredited clinical clerkships, and no residents.

*** One hospital uses this term for a combination of Internal Medicine and General Surgery rotations. However, Primary Care is not considered an accredited resident program by the Accreditation Council for Graduate Medical Education. Therefore, the hospital reporting this rotation does not have residents specific to this area; residents in Internal Medicine and General Surgery teach the Primary Care students.

Table 5 shows average student time with residents reported by the hospitals as well as the range of times reported.

Table 5

Reported Student Time with Residents Per Week			
Rotation	Average	Ranging From	To
Pediatrics	43.0	35.0	60.0
Internal Medicine	39.4	20.0	60.0
General Surgery	53.3	40.0	80.0
OB/GYN	48.0	40.0	60.0
Psychiatry	15.0	5.0	25.0
Family Practice	32.5	30.0	35.0
Primary Care***	20.0	20.0	20.0

***One hospital uses this term for a combination of Internal Medicine and General Surgery rotations. However, Primary Care is not considered an accredited resident program by the Accreditation Council for Graduate Medical Education. Time reported is with residents represents time with residents in Internal Medicine and General Surgery.

1c. Capacity of Teaching Hospitals

Regarding the capacity of each teaching hospital operating an alternatively accredited medical school clinical clerkship program, each of the hospitals surveyed indicated that students rotating on an alternatively accredited medical school clinical clerkship:

- have access to a library,
- are taught by attending physicians (faculty) and residents,
- have access to an on-call room when required to stay overnight as part of the clerkship, and
- have a director with clerical support.

Eight of the clerkship rotations also have an assistant director.

Capacity from a human resources perspective, including faculty and residents, is also addressed in the data provided in 1a and 1b above.

The clinical experience in terms of the number of patients available to the students and the number of patient procedures was also assessed. The average number of patients and procedures are provided in Table 6. A specific number of patients and procedures for each hospital and clerkship is provided in Appendix C2 pages 3 and 8.

Table 6

Type of Clerkship (Rotation)	Average Annual Inpatients	Average Annual Outpatients	Average Annual Surgical inpatient Procedures	Average Annual Surgical outpatient Procedures	Average Annual Deliveries
Pediatrics	2,993	27,816			
Internal Medicine	7,029	35,157			
General Surgery	4,651	15,028	5,059	6,113	
OB/GYN	4,281	9,318			2,537
Psychiatry	1,219	50,088			
Family Practice	338	16,405			
Primary Care*	17,469	77,133			

*One hospital uses this term for a combination of Internal Medicine and General Surgery rotations.

2a. Current Clerkship Positions

The Board of Medical Examiners (BME) provided a summary of approved alternatively accredited medical school clinical clerkship positions, reporting a total of approximately **160** approved clinical clerkship positions. That summary is provided in Appendix D.

Table 7 summarizes the number and type of alternatively accredited medical school clerkship positions that are approved by the state, as reported by the medical schools and the hospitals. See Appendices C1 page 1 and C2 page 1 for details by school/hospital.

Table 7

Approved Alternatively Accredited Clinical Clerkship Positions		
	Reported by Medical Schools	Reported by Hospitals
Pediatrics	29	33
Internal Medicine	103	81
General Surgery	75	57
OB/GYN	25	24
Psychiatry	38	28
Family Practice	20	12
Primary Care*	0	30
TOTALS	290	265

*One hospital uses this term for a combination of Internal Medicine and General Surgery rotations.

There is a significant discrepancy in the total number of approved clinical clerkship positions for alternatively accredited medical schools as reported by BME, the medical schools, and the hospitals. The BME information reflects all students from alternatively accredited medical schools, not just third year clinical clerkship students; fourth year electives and sub-internships are included. This may also be true of the data provided by some of the hospitals and the medical schools.

The number and type of alternatively accredited medical school clinical clerkship positions that were reported as filled by the medical schools and hospitals at the time of the survey is summarized in Table 8. See Appendices C1 page 1 and C2 page 1 for details by school/hospital.

Table 8

Filled Alternatively Accredited Clinical Clerkship Positions at Time of Survey		
	Reported by Medical Schools	Reported by Hospitals
Pediatrics	19	27
Internal Medicine	55	60
General Surgery	37	35
OB/GYN	19	23
Psychiatry	25	26
Family Practice	20	12
Primary Care*	0	10
TOTALS	175	193

*One hospital uses this term for a combination of Internal Medicine and General Surgery rotations.

2b. Additional Clinical Clerkship Positions Desired

The total number and type of additional clinical clerkship positions desired as reported by the two currently approved alternatively accredited medical schools is summarized in Table 9. The detail for each medical school is available in Appendix C1 page 1.

Table 9

Number of Additional Positions Desired by the two Alternatively Accredited Medical Schools Currently Providing Clerkships in NJ	
Type of Clerkship	Number Desired
Pediatrics	26
Internal Medicine	46
General Surgery	46
OB/GYN	30
Psychiatry	24
Family Practice	20
Primary Care*	0
Total	192

*One hospital uses this term for a combination of Internal Medicine and General Surgery rotations.

One of the three currently approved alternatively accredited medical schools has not established an affiliation agreement with a hospital for submission and approval. In addition, there are at least two other off-shore medical schools that have expressed an interest in applying to offer clinical clerkship positions in New Jersey. The potential request for additional positions is likely to be well beyond the 192 reported by the two currently approved alternatively accredited medical schools.

The number of additional alternatively accredited medical school clinical clerkship positions that the 10 hospitals now hosting alternatively accredited clinical clerkships reported they would like to add is summarized in Table 10. (Teaching hospitals that do not have alternatively accredited medical school clinical clerkships were not surveyed.)

Table 10

Number of Additional Alternatively Accredited Positions Desired by the 10 Hospitals with Existing Alternatively Accredited Clerkship Positions	
Type of Clerkship	Number Desired
Pediatrics	11*
Internal Medicine	8*
General Surgery	6*
OB/GYN	15*
Psychiatry	21*
Family Practice	5
Primary Care**	10
Total	76
* Monmouth reported "Under discussion" for Pediatrics, Internal Medicine, Gen. Surgery, OB/GYN, & Psychiatry; therefore no additional positions are reported for Monmouth.	

**One hospital uses this term for a combination of Internal Medicine and General Surgery rotations.

The number of additional positions reported by each hospital is available in Appendix C2 page 8.

Demand for Clerkship Positions for Medical Schools in New Jersey

In and out of state public, private, and for-profit medical schools, as well as alternatively accredited schools, are competing for clerkship opportunities at the teaching hospitals. The University of Medicine and Dentistry of New Jersey (UMDNJ) has reported difficulty in finding sufficient clinical clerkship slots in some areas, which could jeopardize the students at New Jersey's state-funded medical school.

Current enrollment at UMDNJ includes 430 third year medical students (170 at New Jersey Medical School, 160 at Robert Wood Johnson Medical School, and 100 at the School of Osteopathic Medicine). It is anticipated that class size will continue to increase, and UMDNJ third-year students must complete a clerkship in each of the five major rotations at a New Jersey hospital that is affiliated with UMDNJ.

In addition, Touro Medical College has been approved to seek LCME accreditation in New Jersey. The addition of another medical school in the state would further increase the number of clerkship positions that are needed for students enrolled in medical schools within the state.

Current law (N.J.S.A. 18A:64H-14) provides priority status to students from state-funded institutions but only in cases where a state-funded institution and an alternatively accredited institution both have clinical clerkships in the same hospital, which is often not the case. The law does not address prospective for-profit New Jersey medical school students or those from other states.

3. Attainment of Residencies in New Jersey by students from Alternatively Accredited Medical School Clinical Clerkship programs

Two medical schools currently operate alternatively accredited medical school clinical clerkship positions in New Jersey, St. George's University School of Medicine and Ross University School of Medicine. Guadalajara University has also been approved to have students participate in clinical clerkships in New Jersey hospitals, but the school has not yet implemented affiliation agreements/clerkship programs in New Jersey or received approval of hospital sites or program parameters.

The two schools that are operating clerkship programs reported that a total of approximately 2,475 of their combined graduates have participated in clinical clerkships in New Jersey since their medical schools were approved to provide clinical clerkships in New Jersey. (Note: Graduate surveys are periodic and survey responses are voluntary, making these data estimates only.)

The two medical schools reported that a combined total of approximately 700 of their medical school graduates who had at least one clinical clerkship at a New Jersey hospital attained a residency program in New Jersey. (Note: One of the two schools did not have the specific number and reported "greater than 20," and the other noted that their number of 676 is based on graduates who have ever held a residency position in New Jersey as opposed to those who first obtained a residency position in New Jersey.)

4. Types and Locations of Residencies Reported by Alternatively Accredited Medical Schools

The two medical schools estimated that over 2,430 of their combined graduates since their respective clinical clerkship programs were approved to operate in New Jersey have attained a residency program in the United States outside of New Jersey. The details of the types and locations of residencies accepted by clinical clerkship students of alternatively accredited medical schools and of medical schools located within the United States were not collected.

5. Measurement of Success

The Advisory Committee is not able to comment on the degree of success of existing alternatively accredited medical school clinical clerkship programs in New Jersey based on criteria published in the Journal of American Medical Association (JAMA) annual education report, as called for in the law. There are no such criteria published by JAMA. The Advisory Committee's recommendations, however, provide guidance for AGMEC standards and oversight of these programs.

CHARGE: Recommend standards for appropriate facilities to be used in clinical clerkship programs operated by an alternatively accredited medical school.

The following standards and provisions drawn from the LCME are recommended regarding appropriate facilities to be used in clinical clerkship programs operated by an alternatively accredited medical school.

The parent medical school should propose an affiliate institution which must be a licensed hospital with residency programs approved by the Accreditation Council on Graduate Medical Education, the American Osteopathic Association, or another group acceptable to the Advisory Graduate Medical Education Council (AGMEC) for postgraduate training in subject area(s) of the proposed clinical training program, or which institution is part of such a program through affiliation(s) approved by the above bodies. The affiliate shall provide AGMEC with a certified copy of the approval(s).

Hospitals accredited for postgraduate training programs should not be under any obligation to accept medical students in clinical programs.

Any medical school or hospital accredited for postgraduate training programs may impose standards for admission to the clinical programs which exceed the standards set forth by the state.

A hospital or other clinical facility that serves as a site for medical student education should have appropriate instructional facilities and information resources. Appropriate instructional facilities include:

- Areas for individual student study and for group presentations and didactic sessions, conferences, presentations, etc.
- Sufficient information resources, including library holdings and support of traditional medical and audiovisual libraries necessary for medical education programs.
- Immediate access to computers to allow access to the Internet and to other educational software
- Lockers, or other secure space to store personal belongings, for student use, and call rooms for students who are required to stay over night

CHARGE: Make Recommendations to the Legislature

The Advisory Committee's primary concerns are the quality and effectiveness of clinical clerkship programs. While the Committee's charge concerns alternatively accredited medical school clinical clerkship programs, it is essential to ensure sufficient clinical clerkship opportunities for students attending medical schools in New Jersey as the role for alternatively accredited medical schools is considered.

The committee recommends that the current procedures, requirements, and standards in the statute be maintained. The statute currently states:

The council shall approve an application if the applicant demonstrates that it meets the registration standards comparable to those promulgated by the Liaison Committee on Medical Education, which include, but are not limited to: (1) a requirement that a medical student who will participate in a clinical clerkship program shall have successfully completed the United States Medical Licensing Examination – Step 1; (2) the hospital is accredited by the Joint Commission on Accreditation of HealthCare Organizations; (3) the clinical clerkship program shall take place in a hospital with an approved Accreditation Council for Graduate Medical Education or American Osteopathic Association residency training program in the clinical area of instruction for which credit is sought; (4) clinical instruction shall be supervised by a Director of Medical Education; (5) clinical instruction shall be provided pursuant to a written agreement that includes a written curriculum for each individual clinical subject; (6) the hospital shall insure that there is a minimum daily census in each clerkship area that will meet the instructional needs of the clinical subject; (7) the hospital shall have on the premises a library facility that has adequate resources to support clinical clerkships in each core area; (8) each department chair shall be board certified in the specialty area in his department; and (9) the hospital shall ensure a ratio of no less than one medical resident for every two clinical clerkship students.

The Committee believes that the statute appropriately provides leeway for AGMEC to add additional standards that are comparable to those promulgated by the Liaison Committee on Medical Education (LCME). As such, the Committee will recommend, under the next charge, several such additions that AGMEC and the Commission may consider in adopting regulations to implement the Act.

The Committee recommends that the Legislature consider requiring a criminal background check for students from alternatively accredited medical schools before doing a clerkship in New Jersey.

The Committee recommends that, due to the limited number of clinical clerkship positions at teaching hospitals and the anticipated need for more positions, the Legislature consider exploring a means to limit clinical clerkship positions to U.S. citizens or permanent residents.

The Committee recommends that the Legislature explore a means of giving priority to medical schools in New Jersey to place their students into clinical clerkship positions in New Jersey hospitals. As stated previously, the law (N.J.S.A. 18A:64H-14) already provides priority status to students from state-funded institutions but only in cases where a state-funded institution and an alternatively accredited institution both have clinical clerkships in the same hospital, which is often not the case. The current law does not address prospective for-profit New Jersey medical school students.

The Committee acknowledges the importance of quality outcome measures, consistent with the Legislature's intent expressed in N.J.S.A. 18A:64H-10c(5). While the Journal of American Medical Association annual education report does not provide criteria by which to measure success, the Committee is recommending that AGMEC consider using the United States Medical Licensing Exam (USMLE), Step 2 Clinical Knowledge and Clinical Skills for this purpose.

CHARGE: Make recommendations regarding the number and type of clinical clerkship programs that may be directed by an alternatively accredited medical school at a teaching hospital in New Jersey

The Advisory Committee has reviewed the self-reported information from alternatively accredited medical schools that are currently operating clinical clerkships in New Jersey as well as the information from teaching hospitals at which those clerkships are operated. The Committee has also reviewed the Board of Medical Examiners former regulations regarding alternatively accredited medical school clinical clerkships and discussed issues related to the capacity of teaching hospitals in New Jersey.

The Committee's primary concerns in considering the number and type of clinical clerkship programs that should be directed by an alternatively accredited medical school at teaching hospitals in New Jersey are the overall quality of the experience of students and the capacity of the hospitals in New Jersey to serve students from out of state and out of the country without jeopardizing clinical clerkship opportunities for students at the state-funded or private LCME or AOA accredited medical schools.

The Committee recommends that AGMEC obtain information from all of the teaching hospitals in the state to get a more complete picture of the existing clinical clerkship programs, including the capacity of each hospital to offer additional clerkships in specific rotations based on human and other resources as well as patient censuses.

The Committee is unable to make generalized recommendations regarding the number and type of clinical clerkship programs that may be directed by each alternatively accredited medical school at a teaching hospital in New Jersey. That determination is best made on a case by case basis at the time applications are made by alternatively accredited medical schools, recognizing that the situation at the medical school or proposed hospitals changes over time.

The Committee recommends that the determination of an application be based on the capacity of the hospital to train students and verification of the hospital's/school's ability to meet LCME or AOA standards referenced in the statute or the pending regulations to be developed by AGMEC in consultation with the Commission on Higher Education. Particular attention should be paid to the ratio of residents to students, ensuring the required one-to-two ratio, and that sufficient resources are made available to fulfill the goals of the written curriculum for each rotation sponsored by the hospital.

The Committee recommends that in reviewing an application for additional clinical clerkship positions, AGMEC consider the total number of students already in clerkships, electives, and sub-internships who are working with the faculty and residents at the particular hospital.

The Committee recommends that consideration also be given to whether the alternatively accredited medical school is filling the clerkship slots that have already been approved.

The Committee also recommends that AGMEC periodically review the approved alternatively accredited clerkship programs to ensure they continue to meet the statutory and regulatory standards, taking action as necessary if standards are not met.

CHARGE: Make recommendations to the Advisory Graduate Medical Education Council of New Jersey with respect to the operation of clinical clerkship programs operated by alternatively accredited medical schools at teaching hospitals in the state.

Based on the discussions and review of available information and survey data, the Advisory Committee makes the following recommendations to AGMEC.

Given the limited attention directed to clinical clerkships in recent years, it would be useful for AGMEC to survey all hospitals in the state to determine if there are any clinical clerkship programs being operated by alternatively accredited medical schools that are not approved by the state.

As noted under the section above regarding the number and type of clinical clerkship programs operated by alternatively accredited medical schools, the Committee recommends that AGMEC obtain information from all the teaching hospitals in the state to try to get a more complete picture of the existing clinical clerkship programs, including the verification of capacity of each hospital to offer additional clerkships in specific rotations based on human and other resources as well as patient censuses. At the same time, effort should be made to reconcile the conflicting reports regarding the number of approved positions for alternatively accredited medical school clinical clerkships.

In making decisions regarding approval of the number and type of clerkships that can be offered in New Jersey by alternatively accredited medical schools, the Committee recommends that AGMEC consider the capacity of the particular teaching hospital(s) and how many clerkship positions can be supported consistent with standards, how many positions are filled at the hospital(s), how many are currently filled by students from other states or countries, and how many clerkship positions are available across the state for students enrolled in New Jersey medical schools.

As mentioned in the previous section, the Committee also recommends that AGMEC periodically review the approved alternatively accredited medical school clinical clerkship programs using multiple measures and verify that statutory and regulatory standards continue to be met. Priority should be given to reviewing any hospital that does not meet the required resident to student ratio and hospitals with rotations that fall in the bottom quarter of faculty hours per student. Priority should also be given to reviewing any alternatively accredited medical school clinical clerkship programs underway that were not previously approved by the Board of Medical Examiners.

In addition to the statutory standards, the Committee recommends that AGMEC consider including the following standards in regulations that it will develop in consultation with the Commission on Higher Education. These standards are drawn from LCME's *Functions and Structure of a Medical School*, and they relate to clinical clerkship programs.

- a. Medical schools should provide goals and objectives specific to the clinical clerkship as well as a means to measure if they are met.
- b. There must be a system with central oversight to assure that the faculty define the types of patients and clinical conditions that students must encounter, the appropriate clinical

setting for the educational experiences, and the expected level of student responsibility. The faculty must monitor student experience and modify it as necessary to ensure that the objectives of the clinical education program will be met by students.

- c. There must be comparable educational experiences and equivalent methods of evaluation across all alternative instructional sites within a given discipline.
- d. Students' clinical experiences must utilize both outpatient and inpatient settings.
- e. Residents must be familiar with the educational objectives of the course or clerkship and be prepared for their roles in teaching and evaluation.
- f. Supervision of student learning experiences must be provided throughout required clerkships by members of the medical school's faculty.
- g. The directors of all courses and clerkships must design and implement a system of formative and summative evaluation of student achievement in each course and clerkship.
- h. Each student should be evaluated early enough during a unit of study to allow time for remediation.
- i. The committee responsible for the curriculum, along with medical school administration and educational program leadership, must develop and implement policies regarding the amount of time students spend in required activities, including the total required hours spent in clinical and educational activities during clinical clerkships.
- j. There must be a sufficient number of faculty members in the clinical disciplines to accomplish the educational objectives of the written curriculum and the other missions of the medical school. In the clinical sciences, the number and kind of faculty appointed should also relate to the amount of patient care activities required to conduct meaningful clinical teaching across the continuum of medical education.
- k. The medical school must have, or be assured use of, appropriate resources for the clinical instruction of its medical students. Clinical resources should be sufficient to ensure breadth and quality of ambulatory and bedside teaching. They include adequate numbers and types of patients (acuity, case, mix, age, gender, etc.) as well as physical resources.

The Committee recommends that AGMEC identify and evaluate appropriate quality measures to review the degree of success of clerkship programs and suggests they consider using the USMLE Step 2 Clinical Knowledge and Clinical Skills.

The Advisory Committee on Alternatively Accredited Medical School Clinical Clerkships is pleased to submit this report to the Legislature and the Advisory Graduate Medical Education Council.

**ADVISORY COMMITTEE ON ALTERNATIVELY ACCREDITED MEDICAL
SCHOOL CLINICAL CLERKSHIPS**

MEMBERS

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Representing: New Jersey Board of Medical Examiners

Lawrence Feldman, Ph.D.

Representing: University of Medicine and Dentistry of New Jersey

Shari Robin Fine, D.O.

Representing: Osteopathic Physicians and Surgeons

Orazio Giliberti, M.D.

Representing: Alternately Accredited Medical School

Richard B. Porwancher, M.D.

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Henry Rosenberg, M.D.

Representing: New Jersey Hospital Association

Marie Celestine Trontell, M.D.

Representing: Council of Teaching Hospitals

Sindy Paul, M.D.

Representing: Department of Health & Senior Services

Dr. Nancy Perri, M.D.

Representing: Alternately Accredited Medical School

VACANT

Representing: UMDNJ Teaching Hospital w/Clinical Clerkships

SURVEY RECIPIENTS

APPENDIX B

HOSPITAL	DIRECTOR OF MEDICAL EDUCATION	AAMS AFFILIATION
Bergen Regional Medical Center L.P. Paramus, NJ 07652	M. Javed Iqbal, M.D. Director of Medical Education	Ross
LibertyHealth - Jersey City Medical Center Jersey City, NJ 07302	Robert Lahita, M.D. Director of Medical Education	St. Georges
Raritan Bay Medical Center Perth Amboy, NJ 08861	Abdalla Yousif, M.D. Director of Medical Student Education	Ross
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Monmouth Medical Center (St. Barnabas Health Care Sys.) Long Branch, New Jersey 07740	Joseph Jaeger, MPH Associate Vice President of Academic Affairs	St. Georges
Newark Beth Israel Medical Center (St. Barnabas Health Care Sys.) Newark, New Jersey 07112	Joshua S. Rosenblatt, M.D. Director of Medical Education	St. Georges
Trinitas Hospital (formerly St. Elizabeth) Elizabeth, NJ 07202	Ernest E. Federici, M.D. Graduate Medical Education Program Director	St. Georges Ross
St. Joseph's Regional Medical Center Paterson, NJ 07503-2621	Stanley Bernstein, M.D. Director of Medical Education	St. Georges
Hoboken University Medical Center (formerly St. Mary Hospital) Hoboken, NJ 07030	Loretta England Graduate Medical Education Administrator	Ross

AAMS	DEAN OF STUDENTS
St. George's University University Centre Grenada, West Indies	C. V. Rao, PhD, Dean of Students Dr. S. Weitzman, Dean of Medical School
Ross University Administrative Offices 499 Thornall St, 10 th floor Edison, NJ 08837	Mary Coleman, M.D., Ph.D., Dean Dr. Nancy Perri, Vice President of Academic Affairs

Monday, May 21, 2007

Alternatively Accredited Medical School Survey Responses

5/21/2007 15:29

APPENDIX C-1

Alternatively Accredited Medical School	Ross University School of Medicine	St. George's University School of Medicine	Totals
Name of Contact Person	Nancy A. Perri, MD VP Academic Affairs Dean Clinical Sciences	John A Wilbur III Office of Regulatory Data and Information	
(1) What year was the medical school first approved to send students to New Jersey for a clinical clerkship program?	1995	1984	
2. How many currently filled positions does your medical school have at New Jersey hospitals for student clinical clerkships in ...			
(A) Pediatrics?	0	19	19
(B) Internal Medicine?	18	37	55
(C) General Surgery?	0	37	37
(D) OB/GYN?	0	19	19
(E) Psychiatry?	8	17	25
(F) Family Practice	6	14	20
(G) Primary Care	0	*	0
TOTAL	32	143	175
3. How many currently approved positions does your medical school have at NJ hospitals for student clerkships in ...			
(A) Pediatrics?	0	29	29
(B) Internal Medicine?	18	85	103
(C) General Surgery?	0	75	75
(D) OB/GYN?	0	25	25
(E) Psychiatry?	8	30	38
(F) Family Practice	6	14	20
(G) Primary Care	0	*	0
TOTAL	32	258	290
4. How many additional positions does the medical school want for student clinical clerkships in ...			
(A) Pediatrics?	6	20	26
(B) Internal Medicine?	6	40	46
(C) General Surgery?	6	40	46
(D) OB/GYN?	10	20	30
(E) Psychiatry?	4	20	24
(F) Family Practice	6	14	20
(G) Primary Care	0	*	0
TOTAL	38	154	192

Alternatively Accredited Medical School	Ross University School of Medicine	St. George's University School of Medicine	Totals
<p>(5) How many of the medical school's graduates have participated in at least one clinical clerkship in New Jersey since the medical school has been approved to provide clinical clerkships for students in New Jersey?</p> <p>Comments:</p>	greater than 50	2,412	>2,462
<p>(6) How many of the medical school's graduates who had at least one clinical clerkship at a New Jersey hospital since your school has been approved to provide clinical clerkships for students in New Jersey, attained a residency program in New Jersey?</p> <p>Comments:</p>	greater than 20	<p>SGUSOM currently has 6302 graduates total. Graduates are surveyed periodically. The graduate database is updated by survey results and data obtained from state medical boards. Survey response is voluntary. Data are estimated to be 90% to 95% accurate.</p> <p>676</p> <p>This statistic is based on graduates who have ever held a residency position in New Jersey as opposed to those who first obtained a residency position in New Jersey.</p>	>696

Alternatively Accredited Medical School Survey Responses

APPENDIX C-1

Alternatively Accredited Medical School	Ross University School of Medicine	St. George's University School of Medicine	Totals
(7) How many of the medical school's graduates who had at least one clinical clerkship at a New Jersey hospital since your school has been approved, attained a residency program in the United States outside of New Jersey? Comments:	greater than 700	1,730	>2,430
Additional Comments:		As above, data relates to all residencies obtained. One should note that some graduates have held residencies both inside and outside New Jersey and some have either not secured residencies or have secured them outside the United States. The responses to questions 6 and 7 do not necessarily add up to the response to question 5.	
		Curriculum Description and clerkship objectives are described in detail in the SGUSOM Clinical training manual emailed separately in three files. It should be noted that throughout SGUSOM's history, 1500 of its students have transferred to 89 American medical Schools with advanced standing.	

*- St Georges has required family practice clerkship rotations at NJ hospitals which can be fulfilled by work in outpatient settings in other reported disciplines. St. Michael's has chosen to name a rotation meeting this requirement as "primary care" (their designation not St. Georges.)

Hospital Survey Responses

APPENDIX C-2

05/21/07		Jersey City Medical Ctr		Bergen Regional		Neark Beth Israel (SBHCS)		Raritan Bay		St. Joseph's		Hoboken University		St. Michael's		Trinity		Monmouth (SBHCS)		St. Barnabas (SBHCS)		Totals		Notes			
Contact:	Linda Gerson	Veronica Fayvan	Dr. Joshua Rosenblatt	Dr. Abdalla Mohamed Yousif	Dorothy A. Kozdemb	Loretta England	Dr. John W. Sensakovic	Charlotte Leonard	Joseph Jaeger	Dr. Henry Rosenberg																	
Currently APPROVED positions your hospital has for alternatively accredited student clerkships in each of the areas listed																											
Pediatrics	11		8		10																						
Internal Medicine	19		12	6	10																						
General Surgery	9		10		10																						
OB/GYN	4		6		10																						
Psychiatry		16	2		10																						
Family Practice					6																						
Primary Care																											
TOTALS:	43	16	38	6	56	6																					
Currently FILLED positions your hospital has for alternatively accredited student clerkships in each of the areas listed?																											
Pediatrics	9		3		10																						
Internal Medicine	16		4	6	10																						
General Surgery	2		6		10																						
OB/GYN	2		6		10																						
Psychiatry		16	0		10																						
Family Practice					6																						
Primary Care																											
TOTALS:	29	16	19	6	56	6																					
Does your hospital have a clinical clerkship for alternatively accredited medical school students in the following areas?																											
Pediatrics	Yes		Yes	No	Yes	No																					
Internal Medicine	Yes		Yes	Yes	Yes	No																					
General Surgery	Yes		Yes	No	Yes	No																					
OB/GYN	Yes		Yes	No	Yes	No																					
Psychiatry	No		No	No	Yes	No																					
Family Practice	No		No	No	Yes	No																					
Primary Care	No		No	No	Yes	No																					
IF YES, how many total students does your hospital have in clinical clerkships in each area? (Include alternatively accredited and LCME and AOA accredited medical schools).																											
Pediatrics	11		9		14																						
Internal Medicine	19		12	6	10																						
General Surgery	9		7		10																						
OB/GYN	4		6		6																						
Psychiatry		21	2		5																						
Family Practice					6																						
Primary Care																											
TOTALS:	43	21	36	6	51	8.5																					
																						24	32			265.5	
																						5	8			47	
																						8	8			83	
																						6	8			50	
																						5	8			30	
																						2				31	
																						2				14.5	
																						1				10	
																						193				265.5	

Shaded cells indicate that hospital did not report any alternatively accredited medical school clinical clerkships in these rotations.

St. Michael's reported a combined 40 for IM & General Surgery and 24-36 for Primary Care. Breakdowns not available, half were assigned to each for calculations of totals and averages

Hoboken reported 8-9 total students in Family Practice

Hospital Survey Responses

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05/21/07																	Notes		
IF YES, how many students from alternatively accredited medical schools does your hospital have in clinical clerkships in each area?																	Totals		
Jersey City Medical Ctr		Bergen Regional		Newark Beth Israel (SBHCS)		Farran Bay		St. Joseph's		Hoboken University		St. Michael's		Monmouth (SBHCS)		St. Barnabas (SBHCS)			
Pediatrics	11			6				10				8		6		1	4	32	
Internal Medicine	16			8				10				7				2	8	64	
General Surgery	2			8				10								2	8	37	
OB/GYN	2			6				6								1	4	19	
Psychiatry		16						5								0		21	
Family Practice								6										12	
Primary Care												10						10	
TOTALS:	31	16	28	6	6	47		6		25		6		6		24		195	
IF YES, how many students from LCME or AOA accredited medical schools does your hospital have in clinical clerkships in each area?																			
Pediatrics	22			3				4				8				4	4	37	
Internal Medicine	28			4								3				4		44	
General Surgery	2.5			2										1		4		11.5	JCMC repid approx.#'s, LCME/AOA as approx annually (with 2-3 reported for Surgery); Bergen repid "up to 5 as needed by UMDNJ" in Psychiatry
OB/GYN	22			0												4		31	
Psychiatry		5	2						2.5					1		2		10	
Family Practice																		10	
Primary Care												0						2.5	
TOTALS:	74.5	5	11	0	0	4		2.5		11		2		18		8		136	
How much time does a student in each clinical clerkship area spend with faculty per week? (in hours/minutes)																			
Pediatrics	15			15				9				15		13		25	10	74	
Internal Medicine	15			15				12				15				30	12	137	
General Surgery	20			15				40				15				40	25	180	
OB/GYN	20			15				40				15		30		40	36	221	JCMC reported approximate numbers and St. Joe's reported 8-10 for Pediatrics
Psychiatry		15		15				15				15		11		15		111	
Family Practice								35				10						45	
Primary Care																		20	
AVERAGES:	17.5	15	15	25	25	25.2		10.0		16		18		30		20.8		19.2	
How much time does a student in each clinical clerkship area spend with a resident per week? (in hours/minutes)																			
Pediatrics	40			40				35								40	60	215	
Internal Medicine	40			40				35				40		40		40	60	315	
General Surgery	40			40				80				40				60	60	320	
OB/GYN	40			40				40								60	60	240	
Psychiatry		25						5										30	
Family Practice								35										65	
Primary Care												20						20	
AVERAGES:	40	25	40	20	20	38.3		30.0		33.3		40		50		60		172.1	
Does your hospital have a call room available to students who are on call?																			
Pediatrics	Yes			Yes				No*				Yes		Yes		Yes		4	
Internal Medicine	Yes			Yes				No*				Yes		Yes		Yes		7	
General Surgery	Yes			Yes				Yes				Yes		Yes		Yes		6	
OB/GYN	Yes			Yes				Yes				Yes		Yes		Yes		6	
Psychiatry		No*						No*				No*		No*				0	
Family Practice									Yes									1	
Primary Care												Yes						1	
* Bergen, St. Joe's, Monmouth & Trinilas report no call rooms for students not required to stay overnight.																			

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Hospital Survey Responses

05/21/07										Notes	
Does your hospital provide meals for students who are on call?										Total	
Pediatrics	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	4	
Internal Medicine	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	6	
General Surgery	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	5	
OB/GYN	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	4	
Psychiatry	No	Yes	Yes	Yes	Yes	No	No	Yes		2	
Family Practice		Yes	Yes	Yes	No					1	
Primary Care										1	
Does your hospital have library services available to students?											
Pediatrics	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	5	
Internal Medicine	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8	
General Surgery	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	6	
OB/GYN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	6	
Psychiatry	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		5	
Family Practice		Yes	Yes	Yes	Yes	Yes				2	
Primary Care										1	
Does your hospital have electronic databases available to students?											
Pediatrics	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	5	
Internal Medicine	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	7	
General Surgery	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	5	
OB/GYN	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	6	
Psychiatry		Yes	Yes	Yes	Yes	Yes	Yes	Yes		5	
Family Practice				Yes	Yes					2	
Primary Care						Yes				1	
What is the annual census of inpatients available to students (for the most recent year you have data)?											
Pediatrics	1,321	3,300	3,104							14,966	St Joseph's noted 2006 data;
Internal Medicine	4,322	10,000	8,031							56,234	
General Surgery	1,850	5,998	7,662							27,905	Bergen noted Psychiatry based on beds, daily census.
OB/GYN	4,356	2,300	3,882							25,668	
Psychiatry			923							4,874	
Family Practice			0			676				676	St Michaels combined IM/Gen
Primary Care										17,469	Surgery in both
TOTALS:	11,849	21,598	21,602			676	34,938	12,343	15,756	17,739	(1/2 reptid in each)
What is the annual census of outpatients available to students (for the most recent year you have data)?											
Pediatrics	4,419	50,000	10,499							29,030	St Joe's noted 06 data for all;
Internal Medicine	1,231	70,000	68,813							24,144	
General Surgery		9,895	5,990							5,661	Bergen noted Psychiatry based on beds, daily census.
OB/GYN	1,977	9,869	16,581							8,826	
Psychiatry		7,761	162,295							200,350	St Michaels combined IM/Gen
Family Practice			8,000							32,810	Surgery in both
Primary Care			24,810							77,133	(1/2 reptid in each)
TOTALS:	7,627	147,545	261,679			24,810	154,266	0	26,704	67,654	

Hospital Survey Responses

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05/21/07		Jersey City Medical Ctr										Bergen Regional		Newark Beth		Raritan Bay		St. Joseph's		Hosken University		St. Michael's		Trenton		Mortonville (SBRCS)		St. Barnabas (SBRCS)		Totals		Notes				
How many total accredited residency positions does the hospital have in each area?																																				
Pediatrics		21			31				36				45		24		36		65		30		16		10		36		39		114		St. Michaels Prim.Care served by residents in other areas.			
Internal Medicine		45			52				45				6						3								28		21		66					
General Surgery		0			8								8		4												9		20		66					
OB/GYN		12			13								0								4								20		66					
Psychiatry					0								24																33		66					
Family Practice		29			0								24		24														48		33					
Primary Care																			0		34		85		94				0		663					
TOTALS:		78	29		104		28		119		24		68		34		85		94		663															
How many residents does the hospital currently have in each area?																																				
Pediatrics		21			37				36				45		24		36		55		30		16		10		36		39		120		NBI reported their residency programs in Pediatrics and Internal Medicine as dual AOA/ACGME accredited.			
Internal Medicine		45			42				6				3						3				36		21		28		21		66					
General Surgery		0			8								8		4						4		9				20		66		65					
OB/GYN		11			13								2														20		35		34					
Psychiatry					0								10		24														0		633					
Family Practice		29			0								24						0		34		82		94						0					
Primary Care																			58		34		82		94											
TOTALS:		77	29		100		28		107		24		58		34		82		94		633															
How many AOA accredited residency positions does the hospital have?																																				
Pediatrics		21			37								10				16		36		21		9						20		12		0			
Internal Medicine		45			42								36				16		36		21		9						20		12		0			
General Surgery					0																0								0		0		260			
OB/GYN		11			0																										0		260			
Psychiatry					0								12						0										0		260					
Family Practice					0														0		0		82		0				0		260					
Primary Care																			10		0		82		0				0		260					
TOTALS:		77	0		79		0		12		0		10		0		82		0		0		82		0				0		260					
How many ACGME accredited residency positions does the hospital have?																																				
Pediatrics		21			39				36				45		24		36		55		30		16		10		36		39		122		NBI reported their residency programs in Pediatrics and Internal Medicine as dual AOA/ACGME accredited.			
Internal Medicine		45			52				45				6						3				39		36		21		28		58				326	
General Surgery		0			8								8		4						4		9		30		72		33		36				36	
OB/GYN		12			13								0																30		72				33	
Psychiatry					0								12		24				0										0		36				36	
Family Practice		29			0								24						58		34		85		104				0		647					
Primary Care																			0										0		647					
TOTALS:		78	29		104		24		107		24		58		34		85		104		647															
Does the hospital have a Director for the clinical clerkship program in the following areas?																																				
Pediatrics		Yes			Yes				Yes				Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		5			
Internal Medicine		Yes			Yes				Yes				Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		8			
General Surgery		Yes			Yes				Yes				Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		6			
OB/GYN		Yes			Yes				Yes				Yes		Yes		Yes		No		Yes		Yes		Yes		Yes		Yes		Yes		6			
Psychiatry					No				Yes				Yes		Yes		Yes		No		Yes		Yes		Yes		Yes		Yes		Yes		4			
Family Practice									Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		2			
Primary Care									Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		1			

APPENDIX C-2

Hospital Survey Responses

05/21/07		Jersey City Medical Ctr		Bergen Regional		Newark Beth Israel (SHCHS)		Raritan Bay		St. Joseph's		Hoboken University		St. Michael's		Trenton		Mammoth (SHCHS)		St. Barnabas (SHCHS)		Totals		Notes
If there is a Director in an area, how many hours per week does the Director devote to the clinical clerkship?																								
Pediatrics	10		10		10		10		10		12.5				10		5		15		20		67.5	
Internal Medicine	10										11				10				15		18		89	
General Surgery	7										8				10				15		5		65	
OB/GYN	6										4.5						8		15		5		48.5	
Psychiatry			10								4.5						2		15				31.5	
Family Practice																						13		
Primary Care											8		5										25	
AVERAGES:	8.3		10		10		10		10		8.1				15		5		15		12		93.3	
If there is a Director in an area, does the Director have clerical support for the administration of the student clerkship area?																								
Pediatrics	Yes				Yes						Yes								Yes		Yes		5	
Internal Medicine	Yes				Yes						Yes				Yes		Yes		Yes		Yes		8	
General Surgery	Yes				Yes						Yes				Yes				Yes		Yes		6	
OB/GYN	Yes				Yes						Yes				No		Yes		Yes		Yes		6	
Psychiatry				Yes							Yes				No		Yes		Yes				4	
Family Practice											Yes			Yes									2	
Primary Care											Yes				Yes								1	
Does the hospital have an Assistant Director for the clinical clerkship program?																								
Pediatrics	Yes				No						No								No		Yes		2	
Internal Medicine	Yes				No						No				No		No		No		Yes		2	
General Surgery	No				No						No				No				No		Yes		1	
OB/GYN	Yes				No						No				No		No		No		Yes		2	
Psychiatry				No							No				No		No		No				0	
Family Practice											Yes			No									1	
Primary Care															Yes								1	
If there is an Assistant Director in an area, how many hours per week does the Assistant Director devote to the clinical clerkship area?																								
Pediatrics	5																				20		25	
Internal Medicine	10																				18		28	
General Surgery																					5		5	
OB/GYN	5																				5		10	
Psychiatry																								
Family Practice											6												6	
Primary Care																								
AVERAGES:	6.7										6.0				25						12.0		14.8	
If there is an Assistant Director in an area, does the Assistant Director have clerical support for the administration of the clinical clerkship area?																								
Pediatrics	Yes																				Yes		2	
Internal Medicine	Yes																				Yes		2	
General Surgery	Yes																				Yes		2	
OB/GYN	Yes																				Yes		2	
Psychiatry																							0	
Family Practice											Yes												1	
Primary Care														Yes									1	

Hospital Survey Responses

APPENDIX C-2

05/21/07		Jersey City Medical Ctr				Bergen Regional		Newark Beth Israel (SBHCS)		Raritan Bay		St. Joseph's		Hoboken University		St. Michael's		Trinitas		Monmouth (SBHCS)		St. Barnabas (SBHCS)		Totals		Notes		
Does the hospital have key faculty who spend more than 5 hours per week with the students on the following clinical clerkships?																												
Pediatrics		Yes						Yes		Yes		Yes				Yes				Yes		Yes		Yes		5		
Internal Medicine		Yes						Yes		Yes		Yes				Yes				Yes		Yes		Yes		8		
General Surgery		Yes						Yes		Yes		Yes				Yes				Yes		Yes		Yes		6		
OB/GYN		Yes						Yes		Yes		Yes				No				Yes		Yes		Yes		6		
Psychiatry								Yes		Yes		Yes				No				Yes		Yes		Yes		5		
Family Practice												Yes							Yes		Yes				2			
Primary Care																Yes									1			
IF YES, how many faculty members spend more than 5 hours per week with the students on the clerkship in each area?																												
Pediatrics		3						3				8													28			
Internal Medicine		18						3		4		13.5				6			1		4		10		62.5			
General Surgery		5						3				4				3				5		12		25		43		
OB/GYN		5						3				10						6		3		3		6		33		
Psychiatry							5	1				2						2		1					11			
Family Practice												3		1											4			
Primary Care																5									5			
TOTALS:		31					5	13		4		40.5		1		14		9		16		53			186.5			
IF YES, how many faculty members who spend more than 5 hours per week with the students are ABMS or AOA Board Certified in the clerkship area?																												
Pediatrics		3						3				8								4		10			28			
Internal Medicine		7						3		4		15				6				5		12			52			
General Surgery		5						3				4				3				3		25			43			
OB/GYN		5						3				10						6		3		6			27			
Psychiatry							4	1				2								1					8			
Family Practice												3		1											4			
Primary Care																5									5			
TOTALS:		20					4	13		4		42		1		14		0		16		53			167			
Does the hospital have faculty members who spend 1 to 5 hours per week with the students on the clerkship in each area?																												
Pediatrics		Yes						Yes		Yes		Yes				Yes				Yes		Yes		Yes		5		
Internal Medicine		Yes						Yes		Yes		Yes				Yes			Yes		Yes		Yes		8			
General Surgery		Yes						Yes		Yes		Yes				Yes			Yes		Yes		Yes		6			
OB/GYN		Yes						Yes		Yes		Yes				No			Yes		Yes		Yes		6			
Psychiatry								Yes		Yes		Yes				No			Yes		Yes		Yes		5			
Family Practice							Yes			Yes		Yes		Yes				Yes							2			
Primary Care															Yes										1			
IF YES, how many faculty members spend 1 to 5 hours per week with the students on the clerkship in each area?																												
Pediatrics		6						2		3		15								10		25			58			
Internal Medicine		18						2				10				10		6		3		50			102			
General Surgery		6						1				12				3					10		25		57			
OB/GYN		5						1				3						6.5			10		60		85.5			
Psychiatry							15	2				2						3		5				27				
Family Practice												3		4											7			
Primary Care																4									4			
TOTALS:		35					15	8		3		45		4		17		15.5		38		160			340.5			
Trinitas reptd 6-7 hrs in OB/GYN																												

APPENDIX C-2

Hospital Survey Responses

05/21/07																							
Jersey City Medical Ctr		Regional		Newark Beth Israel (S&HCS)		Raritan Bay		St. Joseph's		Hoboken University		St. Michael's		Trinitas		Monmouth (S&HCS)		St. Barnabas (S&HCS)		Totals		Notes	
IF YES, how many faculty members who spend 1 to 5 hours per week with the students are ABMS or AOA Board Certified on the clerkship area?																							
Pediatrics		4		2		3		15						10		25		56					
Internal Medicine				2				10						6		3		50		84			
General Surgery				1				12						3		10		25		51			
OB/GYN				1				3						6		10		60		80			
Psychiatry		13		2				2						3		5				25			
Family Practice								3				4								7			
Primary Care																				4			
TOTALS:		4		13		8		3		45		4		17		38		160		307			
How many hours per week do faculty provide didactic material solely to students on the clinical clerkships in the following areas? (Note: This does not include grand rounds or morning report).																							
Pediatrics		10		5				3						5		8		31				St. Joseph's reptd 5-7-IM, 4-5-OB/GYN; Jersey City reptd 8-10-IM, 7-8-OB/GYN	
Internal Medicine		9						6				3		6		5		10		59			
General Surgery		3		5		10		6				4				3		10		31			
OB/GYN		7.5		5				4.5						5		2		10		34			
Psychiatry		3		5				5						2		2				17			
Family Practice								6		1										7			
Primary Care														10						10			
AVERAGES:		7.4		3.0		6.0		10.0		5.1				5.7		4.3		3.4		9.5			
How many of the clinical clerkship faculty in each area are volunteer faculty?																							
Pediatrics				0				1.5								25		25		51.5		St. Joseph's reptd 1-2 in Pediatrics 3-4 in Internal Medicine	
Internal Medicine				3				3.5								25		50		81.5			
General Surgery				3				10								25		25		63			
OB/GYN				0				6								25		60		91			
Psychiatry		1		0				5								0				6			
Family Practice																				0			
Primary Care														0						0			
TOTALS:		0		1		6		0		26		0		0		100		160		293			
How many of the clinical clerkship faculty in each area have a medical school appointment?																							
Pediatrics		6		5				12						25		10		58				NBI reported 100%; numbers derived from answers above. St. Michael's / Hoboken reported ALL; same	
Internal Medicine		18		8		4		10				16		9		12		102					
General Surgery		3		7				6				6		25		25		72					
OB/GYN		5		4				8				8		2		6		50					
Psychiatry		4		3				2						3		4		32					
Family Practice								3		5								8					
Primary Care												9						9					
TOTALS:		36		27		4		41		5		31		104		53		331					

Hospital Survey Responses

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Faculty/Student & Resident/Student Ratios

APPENDIX C-3

05/21/07	Jersey City Medical Ctr	Bergen Regional	Newark Beth Israel (SBHCS)	Raritan Bay Medical Center	St. Joseph's Regional Medical Center	Hoboken University	St. Michael's Medical Center	Trinitas Hospital	Monmouth (SBHCS)	St. Barnabas (SBHCS)	Average	Ranging From	To
Faculty/Student Ratio													
Pediatrics	0.8:1		0.6:1	1.2:1	1.6:1				2.8:1	4.4:1	2.0:1	0.6:1	4.4:1
Internal Medicine	1.9:1		0.4:1		2.4:1		1.0:1	1.2:1	1.3:1	7.8:1	2.1:1	0.4:1	7.8:1
General Surgery	1.2:1		0.6:1	1.2:1	1.6:1		0.6:1		2.2:1	6.3:1	2.1:1	0.6:1	6.3:1
OB/GYN	2.5:1		0.7:1		2.2:1			12.5:1	2.6:1	8.3:1	4.8:1	0.7:1	12.5:1
Psychiatry		1.0:1	1.5:1		0.8:1			5.0:1	3.0:1		2.3:1	0.8:1	5.0:1
Family Practice					1.0:1	0.6:1					0.8:1	0.6:1	1.0:1
Primary Care							0.9:1				0.9:1	0.9:1	0.9:1
Resident/Student Ratio													
Pediatrics	1.9:1		4.1:1		2.6:1				3.2:1	1.3:1	2.6:1	1.3:1	4.1:1
Internal Medicine	2.4:1		3.5:1	4.0:1	4.5:1		3.4:1	5.0:1	6.0:1	4.5:1	4.2:1	2.4:1	6.0:1
General Surgery	0.0:1		1.1:1		0.6:1		0.3:1		3.5:1	3.5:1	1.5:1	0.0:1	3.5:1
OB/GYN	2.8:1		2.2:1		1.3:1			0.0:1 ***	1.8:1	2.5:1	2.1:1	1.3:1	2.8:1
Psychiatry		1.4:1	0.0:1		0.4:1			4.0:1 ***			1.4:1	0.0:1	4.0:1
Family Practice					1.7:1	2.8:1					2.2:1	1.7:1	2.8:1
Primary Care							0.0:1 **				0.0:1 **	0.0:1 **	0.0:1 **

Green Shaded Cells indicates that the Hospital did not report any Alternatively Accredited Medical School Clinical Clerkships in that rotation.

** St. Michael's Clerks in Primary Care are served by Residents in other disciplines.

*** Trinitas also reported Clerkships in OB/GYN and Psychiatry, but not from Alternatively Accredited Medical Schools.

Where ranges were given, the median of the range was used for the calculation of totals, averages, and ratios.

APPENDIX D

*CLINICAL CLERKSHIPS - NEW JERSEY HOSPITALS BY SCHOOL:*CLINICAL CLERKSHIPS - NEW JERSEY HOSPITALS BY SCHOOL:1. ROSS UNIVERSITY:

- RARITAN BAY MEDICAL CENTER.
- MEDICINE - 6 Students per 3 months
- ST. MARY'S HOSPITAL
- FAMILY PRACTICE - 6 Students per 5 weeks.
- TRINIDAS HOSPITAL
- OB- GYN - 3 Students per 5 weeks
- MEDICINE - 6 Students on average per rotation.
- BERGEN REGIONAL MEDICAL CENTER
- Psychiatry - 8 Blocks of Students with up to 8 Students
per Block in 6 week rotations.

2. GUADALAJARA:

- School approved BUT no subsequent requests for specific approvals
of affiliation agreements/site visits.

3. ST. GEORGES UNIVERSITY SCHOOL OF MEDICINE:

- ST. JOSEPH'S (50) ; (Increased from 40 to 50 in 1994)
(12) (6) (5) (3)
-MEDICINE; SURGERY; PEDS; OB;/GYN = Sub-Total (26)
PLUS: (24) SUB-INTERNSHIP-ELECTIVES = TOTAL: 50
- ST. MICHAEL'S (40): (Increased from 30 to 40 in 1994)
(12) (6) (4)
MEDICINE; SURGERY; OB;/GYN = Sub-Total (22)
PLUS: (18) SUB-INTERNSHIP ELECTIVES = 40
- ST. FRANCIS: (12)
(6) (6)
MEDICINE; SURGERY

CLINICAL CLERKSHIPS - NEW JERSEY HOSPITALS BY SCHOOL:

- ATLANTIC CITY: (16) (Affiliation was discontinued??)
(12) (4)
MEDICINE; PSYCHIATRY
- UNITED HOSPITALS: (NEWARK) → 8/94; Subsequently Closed &
PEDS (6) transferred to ST. MICHAELS.
(6) (6)
MEDICINE; PEDS
- JERSEY CITY MEDICAL CENTER
- JFK MEDICAL CENTER
RE. #'s & If ACTIVE?
- ST. BARNABAS
- NEWARK BETH ISRAEL
- MONMOUTH MEDICAL CENTER

AS OF APRIL 2000 - Approved for total 100 3rd and 4th year. Students at
anytime across all 3 sites. (Estimate 50 3rd year and 50 4th year).