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COURSE CATALOGUE: PARIS DESCARTES

The available clerkships far exceed those that are listed in this catalogue. Special clinical/surgical interests can be accommodated by working with the Program Directors. Those listed in the catalogue include the core clerkships that will expose the student most intensely to the intricacies of the French socialized health care and medical education systems. While enrolled in these services, students will be treated and relied upon as French *externs*, who represent the first-line of patient care in France.

Internal Medicine

Service of Internal Medicine

Chair of the Department of Internal Medicine

Professor Dr. Loic Guillevin

Email: loic.guillevin@cch.aphp.fr

Hospital: Cochin Hospital

Web site: http://www.aphp.fr/index.php?module=hopital&action=hopitaux_detail&vue=hopital_detail&obj=9

Summary: Available year-round

Length of rotation 3 months

Maximum 1 student at any time

I. Course Description:

This rotation is an intense experience in the heart of the French health care system. Cochin Hospital is the second largest Internal Medicine service in France and situated at the heart of Paris. Cochin Hospital is also the national reference center for inflammatory diseases such as autoimmune vasculitis and other rare autoimmune conditions. The primary focus of this clerkship will be on utilizing clinical medicine skills developed at UTSW. Students will manage all aspects of patient care for 3-4 beds. Students will be expected to work with an international student team in the inpatient and outpatient clinics daily, attend and present at ward rounds, and work in the on-call service in the management of adult emergencies. There will be hospital-wide didactic teaching sessions involving all attending, residents, and department chairs. Didactic conferences, case presentations and interactive sessions with attendings will be held weekly. Required coursework for this clerkship are in rheumatology, orthopaedics, and dermatology. Course attendance is not required.

II. Course Goals and Objectives:

PATIENT CARE:

- Teach students to fully manage patient care in the French health care system
- Teach students to diagnose and manage patients with rare autoimmune conditions

MEDICAL KNOWLEDGE:

- Refine and apply knowledge of general adult medicine
- Expose students to patients with rare autoimmune conditions

INTERPERSONAL AND COMMUNICATION SKILLS:

- Expose the student to the challenges of cross-cultural communication in a multilingual context (French, English, German, Italian, Arabic, Chinese, Spanish).
- Guide students in forming healthy cross-cultural relationships.

SYSTEMS-BASED PRACTICE:

- Expose students to the socialized health care system in France
- Expose students to international medicine and equips them with technical and conversational French, for a possible career in international medicine.

III. Methods of Instruction:

A. DIDACTIC:

- Hospital-wide sessions with all attendings and residents 1 day per week
- Sessions with medicine attendings 2-3 days per week
- Case presentations on ward rounds and in outpatient clinics

B. CLINICAL:

- Daily rounds with attendings
- Night duty at least once weekly
- Outpatient clinics as scheduled
- Hospital working hours routinely 8 to 4:30 Monday through Friday

C. STUDENT RESPONSIBILITIES:

- Assess patient, develop plan, present to attending, prescribe orders, follow patient
- Evaluate outpatients and present to attending
- Perform procedures for the first time under direct guidance of attending or senior resident. Afterwards, all procedures done without supervision.

IV. Evaluations:

The student will be evaluated as a French medical student in both written and oral examinations. There will be an end of the course oral examination in front of a panel of interns, externs, and department heads. There will be an end of the course written examination consisting of 3 clinical cases in essay-format, 1 each in the fields of rheumatology, dermatology, and orthopaedics, in addition to 1 critical evaluation of a recently published clinical research article. He will receive a numeric grade for both examinations. He will also receive a review of performance by the department heads. The student will be required to evaluate the elective experience in the approved form.

General Paediatrics

Service of Pediatrics

Chair of the Department of Paediatrics

Professor Dr. Dominique Gendrel

Email: dominique.gendrel@svp.aphp.fr

Hospital: St Vincent de Paul Hospital:

Web site: <http://www.aphp.fr/index.php?module=portail&action=afficherPortail&vue=portail&NIHOPITAL=38>

Summary: Available year-round
Length of rotation 3 months
Maximum 1 student at any time

I. Course Description:

This rotation is an intense and enriching experience in the heart of the French health care system. St Vincent de Paul Hospital has the second largest General Paediatrics service in France and is situated at the heart of Paris. The primary focus of this clerkship will be on utilizing clinical medicine skills developed at UTSW. Students will manage all aspects of patient care for 2-3 beds. Students will be expected to work with an international student team in the inpatient and outpatient clinics daily, attend and present at ward rounds, and work in the on-call service in the management of infant emergencies. There will be hospital-wide didactic teaching sessions involving all attending, residents, and department chairs. Didactic conferences, case presentations and interactive sessions with attendings will be held weekly. Required coursework for this clerkship are in paediatrics and hematology. Course attendance is not required.

II. Course Goals and Objectives:

PATIENT CARE:

- Teach students to fully manage infant patient care in the French health care system

MEDICAL KNOWLEDGE:

- Refine and apply knowledge of general paediatric medicine

INTERPERSONAL AND COMMUNICATION SKILLS:

- Expose the student to the challenges of cross-cultural communication in a multilingual context (German, French, English, Italian, Arabic, Chinese, Spanish)

- Guide students in forming healthy cross-cultural relationships, particularly with the medical staff and patients' families.

SYSTEMS-BASED PRACTICE:

- Expose students to the socialized health care system in France
- Expose students to international medicine and equips them with technical and conversational French, for a possible career in international medicine.

III. Methods of Instruction:

A. DIDACTIC:

- Hospital-wide sessions with all attendings and residents 1 day per week
- Sessions with medicine attendings 2-3 days per week
- Case presentations on ward rounds and in outpatient clinics

B. CLINICAL:

- Daily rounds with attendings
- Night duty at least once biweekly
- Weekend and holiday duty at least once biweekly
- Outpatient clinics as scheduled
- Hospital working hours routinely 8 to 4:30 Monday through Friday

C. STUDENT RESPONSIBILITIES:

- Decide hospital admission, admit new inpatients, develop plan, present to attending, prescribe orders, follow patient
- Evaluate outpatients and present to attending
- Perform procedures for the first time under direct guidance of attending or senior resident. Afterwards, all procedures done without supervision.

IV. Evaluations:

The student will be evaluated as a French medical student in both written and oral examinations. There will be an end of the course oral examination in front of a panel of interns and department heads. There will be an end of the course examination consisting of 10 clinical cases in essay-format, 7 in the field of hematology, and 3 in the field paediatrics, in addition to 1 critical evaluation of a recently published clinical research article. He will receive a numeric grade for both examinations. He will also receive a review of performance by the department heads. The student will be required to evaluate the elective experience in the approved form.

Obstetrics and Gynecology

Service of Obstetrics and Gynecology
Chair of the Department of OB/GYN
Professor Dr. Dominique Cabrol
Email: dominique.cabrol@cch.aphp.fr

Hospital: Port Royal:
Web site: http://www.aphp.fr/index.php?module=hopital&action=hopitaux_detail&vue=hopital_detail&obj=9

Summary: Available year-round
Length of rotation 3 months
Maximum 1 student at any time

I. Course Description:

This rotation is an intense experience in the heart of the French health care system. The French OB/GYN system is unique in that division of labor between midwives (*sage femme*) and physicians/surgeons still exists. The Maternity at Port Royal is the largest OB/GYN service in France and is situated at the heart of Paris. The primary focus of this clerkship will be on utilizing clinical medicine and surgery skills developed at UTSW. The service is divided into various sub-services to be arranged by fellow externs and the physician responsible for externs. They include: Obstetrical Emergency, Gynecological Emergency, OR, delivery, inpatient wards, outpatient consultations, pre-natal diagnostics, post-partum care, and on-call OB/GYN emergency services. Students will be expected to work with an international student team in the inpatient and outpatient clinics daily and *en bloc*, and attend and present at daily rounds. Required coursework for this clerkship are in OB/GYN. Course attendance is not required.

II. Course Goals and Objectives:

PATIENT CARE:

- Teach students to fully manage OB/GYN patient care in the French health care system

MEDICAL AND SURGICAL KNOWLEDGE:

- Refine and apply knowledge of OB/GYN

INTERPERSONAL AND COMMUNICATION SKILLS:

- Expose the student to the challenges of cross-cultural communication in a multilingual context (German, French, English, Italian, Arabic, Chinese, Spanish). This service, particularly in the emergency settings, is especially challenging in the number of non-French, non-English-speaking patients. Mastery of Arabic and Mandarin Chinese is recommended but not required.
- Guide students in forming healthy cross-cultural relationships, particularly with the midwives, medical staff and patients' families.

SYSTEMS-BASED PRACTICE:

- Expose students to the socialized health care system in France
- Expose students to international medicine and equips them with technical and conversational French, for a possible career in international medicine.

III. Methods of Instruction:

A. DIDACTIC:

- Hospital-wide sessions with all attendings and residents 1 day per week
- Sessions with medicine attendings 2-3 days per week
- Case presentations on ward rounds and in outpatient clinics

B. CLINICAL:

- Daily rounds with attendings
- Night duty at least once weekly
- Outpatient clinics as scheduled
- Hospital working hours routinely 7 to 4:30 Monday through Friday

C. STUDENT RESPONSIBILITIES:

- Decide hospital admission, admit new inpatients, develop plan, present to attending, prescribe orders, follow patient
- Evaluate outpatients and present to attending
- Perform procedures for the first time under direct guidance of attending or senior resident. Afterwards, all procedures done without supervision.
- Perform surgeries with attending. Oftentimes, the student performs large parts of the surgery under supervision.

IV. Evaluations:

The student will be evaluated as a French medical student in both written and oral examinations. There will be an end of the course oral examination in front of a panel of interns and department heads. He will receive a numeric grade for both examinations. He will also receive a review of performance by the department heads. The student will be required to evaluate the elective experience in the approved form.

Visceral Surgery

Service of Visceral and general surgery

Chair of the Department of Surgery

Professor Dr. Bertrand Dousset

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Hospital: Cochin Hospital:

Web site: http://www.aphp.fr/index.php?module=offredesoins&action=afficherService&vue=ods_hsc_service&hopital=021&service=0028

Summary: Available year-round

Length of rotation 3 months

Maximum 1 student at any time

I. Course Description:

This rotation is an intense and enriching experience in the heart of the French health care system. Cochin Hospital is one of the largest visceral surgery services in France and situated at the heart of Paris. The service of Surgery in Cochin hospital covers all fields of visceral surgery. The primary focus of this clerkship will be on utilizing clinical medicine and surgery skills developed at UTSW. Students will be expected to work with an international student team in the inpatient and outpatient clinics daily, in the operating theater and, attend and present at ward rounds. There will be hospital-wide didactic teaching sessions involving all attending, residents, and department chairs. Didactic conferences, case presentations and interactive sessions with attendings will be held weekly. Required coursework for this clerkship are in medical and surgical gastroenterology, endocrinology and nutrition. Course attendance is not required.

II. Course Goals and Objectives:

PATIENT CARE:

- Teach students to fully manage patient care in the French health care system

MEDICAL KNOWLEDGE:

- Refine and apply knowledge of surgery

INTERPERSONAL AND COMMUNICATION SKILLS:

- Expose the student to the challenges of cross-cultural communication in a multilingual context (German, French, English, Italian, Arabic, Chinese, Spanish)

- Guide students in forming healthy cross-cultural relationships, particularly with the medical staff.

SYSTEMS-BASED PRACTICE:

- Expose students to the socialized health care system in France
- Expose students to international medicine and equips them with technical and conversational French, for a possible career in international medicine.

III. Methods of Instruction:

A. DIDACTIC:

- Hospital-wide sessions with all attendings and residents 1 day per week
- Sessions with medicine attendings 2-3 days per week
- Case presentations on ward rounds and in outpatient clinics

B. CLINICAL:

- Daily rounds with attendings
- Night duty at least once weekly
- Outpatient clinics as scheduled
- Hospital working hours routinely 7 to 4:30 Monday through Friday

C. STUDENT RESPONSIBILITIES:

- Develop plan, present to attending, follow patient
- Evaluate outpatients and present to attending
- Perform procedures for the first time under direct guidance of attending or senior resident. Afterwards, all procedures done without supervision.

IV. Evaluations:

The student will be evaluated as a French medical student in both written and oral examinations. There will be an end of the course oral examination in front of a panel of interns, externs, and department heads. There will be an end of the course written examination consisting of 3 clinical cases in essay-format, 1 each in the fields of gastroenterology, endocrinology and nutrition, in addition to 1 critical evaluation of a recently published clinical research article. He will receive a numeric grade for both examinations. He will also receive a review of performance by the department heads. The student will be required to evaluate the elective experience in the approved form.

Dermatology

Service of Dermatology

Chair of the Department of Dermatology

Professor Dr. Marie Françoise Avril

Email: marie-francoise.avril@cch.aphp.fr

Hospital: Cochin Hospital:

Web site: http://www.aphp.fr/index.php?module=offredesoins&action=afficherService&vue=ods_hsc_service&hopital=021&service=0017

Summary: Available year-round

Length of rotation 3 months

Maximum 1 student at any time

I. Course Description:

This rotation is an intense and enriching experience in the heart of the French health care system. Cochin Hospital is one of the largest dermatological services in France and situated at the heart of Paris. The service of Dermatology in Cochin hospital covers all fields of dermatology with a specialisation patients with skin cancer and inflammatory skin disorders of infectious or auto-immune origin. The primary focus of this clerkship will be on utilizing clinical medicine skills developed at UTSW. Students will manage all aspects of patient care for 3-4 beds. Students will be expected to work with an international student team in the inpatient and outpatient clinics daily, attend and present at ward rounds. There will be hospital-wide didactic teaching sessions involving all attending, residents, and department chairs. Didactic conferences, case presentations and interactive sessions with attendings will be held weekly. Required coursework for this clerkship are in rheumatology, orthopaedics, and dermatology. Course attendance is not required.

II. Course Goals and Objectives:

PATIENT CARE:

- Teach students to fully manage patient care in the French health care system

MEDICAL KNOWLEDGE:

- Refine and apply knowledge of dermatology

INTERPERSONAL AND COMMUNICATION SKILLS:

- Expose the student to the challenges of cross-cultural communication in a multilingual context (German, French, English, Italian, Arabic, Chinese, Spanish)
- Guide students in forming healthy cross-cultural relationships, particularly with the medical staff.

SYSTEMS-BASED PRACTICE:

- Expose students to the socialized health care system in France
- Expose students to international medicine and equips them with technical and conversational French, for a possible career in international medicine.

III. Methods of Instruction:

A. DIDACTIC:

- Hospital-wide sessions with all attendings and residents 1 day per week
- Sessions with medicine attendings 2-3 days per week
- Case presentations on ward rounds and in outpatient clinics

B. CLINICAL:

- Daily rounds with attendings
- Weekend and holiday duty
- Outpatient clinics as scheduled
- Hospital working hours routinely 8 to 1:30 Monday through Friday

C. STUDENT RESPONSIBILITIES:

- Follow patient, develop plan and present to attending,
- Evaluate outpatients and present to attending
- Perform procedures for the first time under direct guidance of attending or senior resident.

IV. Evaluations:

The student will be evaluated as a French medical student in both written and oral examinations. There will be an end of the course oral examination in front of a panel of interns, externs, and department heads. There will be an end of the course written examination consisting of 3 clinical cases in essay-format, 1 each in the fields of rheumatology, dermatology, and orthopaedics, in addition to 1 critical evaluation of a recently published clinical research article. He will receive a numeric grade for both examinations. He will also receive a review of performance by the department heads. The student will be required to evaluate the elective experience in the approved form.

Ophtalmology

Service of Ophtalmology

Chair of the Department of Ophtalmology

Professor Dr. Antoine Brezin

Email: antoine.brezin@cch.aphp.fr

Hospital: Cochin Hospital:

Web site: http://www.aphp.fr/index.php?module=offredesoins&action=afficherService&vue=ods_hsc_service&hopital=021&service=0028

Summary: Available year-round

Length of rotation 3 months

Maximum 1 student at any time

I. Course Description:

This rotation is an intense and enriching experience in the heart of the French health care system. Cochin Hospital is one of the largest ophtalmological services in France and situated at the heart of Paris. The service of Ophtalmology in Cochin hospital covers all fields of surgical and medical ophtalmology but is one of the largest French reference centers for the management of uveitis of all etiologies. The primary focus of this clerkship will be on utilizing clinical medicine and surgery skills developed at UTSW. Students will be expected to work with an international student team in the outpatient clinics daily and in the operating theater, attend and present at ward rounds. There will be hospital-wide didactic teaching sessions involving all attending, residents, and department chairs. Didactic conferences, case presentations and interactive sessions with attendings will be held weekly. Required coursework for this clerkship are in neurology, psychiatry and ophtalmology. Course attendance is not required.

II. Course Goals and Objectives:

PATIENT CARE:

- Teach students to fully manage patient care in the French health care system

MEDICAL KNOWLEDGE:

- Refine and apply knowledge of ophtalmology

INTERPERSONAL AND COMMUNICATION SKILLS:

- Expose the student to the challenges of cross-cultural communication in a multilingual context (German, French, English, Italian, Arabic, Chinese, Spanish)
- Guide students in forming healthy cross-cultural relationships, particularly with the medical staff.

SYSTEMS-BASED PRACTICE:

- Expose students to the socialized health care system in France
- Expose students to international medicine and equips them with technical and conversational French, for a possible career in international medicine.

III. Methods of Instruction:

A. DIDACTIC:

- Hospital-wide sessions with all attendings and residents 1 day per week
- Sessions with medicine attendings 2-3 days per week
- Case presentations on ward rounds and in outpatient clinics

B. CLINICAL:

- Daily rounds with attendings
- Outpatient clinics
- Hospital working hours routinely 8 to 1:30 Monday through Friday

C. STUDENT RESPONSIBILITIES:

- Develop plan, present to attending, follow patient
- Evaluate outpatients and present to attending
- Perform procedures for the first time under direct guidance of attending or senior resident.

IV. Evaluations:

The student will be evaluated as a French medical student in both written and oral examinations. There will be an end of the course oral examination in front of a panel of interns, externs, and department heads. There will be an end of the course written examination consisting of 3 clinical cases in essay-format, 1 each in the fields of neurology, psychiatry and ophthalmology, in addition to 1 critical evaluation of a recently published clinical research article. He will receive a numeric grade for both examinations. He will also receive a review of performance by the department heads. The student will be required to evaluate the elective experience in the approved form.

Clinical and Basic Science Research

As part of the IMEP program, UTSW students will have access to the research clerkships at the Institut Fédératif de Recherche Necker-Enfants Malades (IRNEM). The IRNEM is constituted of the Inserm (NIH-equivalent), Paris Descartes, the Faculty of Medicine of Paris Descartes, CNRS, and the Assistance Publique Hôpitaux de Paris. There are 28 units of research that span the subjects of development to immunology to evolution. Information can be found at www.necker.fr/irnem, and clerkships can be arranged with Dean Yves Villes.

Non-France (ERASMUS, SOLEM and LDC clerkships)

As part of the IMEP program and for those seeking an MD with Distinction in International Medicine, the student will devise, with the aid of the Program Directors and International Offices, a course of study in another country to finish their remaining year abroad. Through the international contacts of the University of Paris Descartes, which include the Erasmus Exchange Program, SOLEM, and other official affiliations, students can choose clerkships in a variety of countries. For a list of countries and clerkships, see the Appendix. Once the student has identified which clerkship they are interested in, they will work with the International Offices and Program Directors to arrange the logistics of travel, work, and evaluation.