

**DEPARTMENT OF HEALTH
REPUBLIC OF THE PHILIPPINES
PHILIPPINE CHILDREN'S MEDICAL CENTER**

Quezon Avenue, Quezon City, Philippines 1100

Pediatric and Adolescent Gynecology

FELLOWSHIP TRAINING PROGRAM J Pedia Adol Gynec Vol 18 No.2 p 145-147 Apr05

(April 2002) Revised December 2007

Objective:

To develop a center for services, training and research in the specialty of pediatric and adolescent gynecology in a children's hospital, the Philippine Children's Medical Center.

Specific Objectives:

1. To develop and implement a curriculum for a 2-year fellowship program in pediatric adolescent gynecology.
2. To establish a comprehensive referral center for pediatric and adolescent gynecological conditions.
3. To provide gynecological services to the pediatric age group of patients.
4. To supplement the needs of the Women and Child Protection Unit of the Philippine Children's Medical Center.
5. To do research on pediatric gynecologic conditions, basic and clinical.

Special Requirements for Training in Pediatric and Adolescent Gynecology:

A graduate of a 4-year residency program in Obstetrics and Gynecology to qualify for operative procedures.

The Pediatric and Adolescent Gynecology Unit is committed to:

1. Provide service for the referral and transfer of patients with pediatric and adolescent gynecologic problem, in collaboration with other gynecologists within and outside center.
2. Have an adequate clinical workload with a full range of gynecologic problem.
3. Have appropriate clinical facilities for investigation of above problems.
4. Collaborate with other consultant pediatrician/endocrinologist/surgeon and other staff who are also committed to the care of pediatric and adolescent gynecological disorders.
5. Have an adequate gynecological pathology service.
6. Have a research program in the subspecialty.

Fellowship:

This program involve 2 year of clinical and surgical training with the last year also devoted to prospective research works.

Qualification:

A graduate of accredited residency training program in Obstetrics and Gynecology. Diplomate status is preferred but not obligatory.

Training Program

The following knowledge and skills should be acquired:

a) basic knowledge of :

- 1) physiology (especially fluids and electrolytes) and pharmacology of pediatric patients
- 2) gross and microscopic pathology relating to gynecological diseases

b) an advanced knowledge of:

- 1) anatomy, growth and development of reproductive organs
- 2) endocrine physiology and pharmacology of substance that regulate the reproductive system
- 3) the endocrine dynamics of menstrual cycle
- 4) the physiology of conception
- 5) immunology and genetics related to reproduction
- 6) psychosocial aspects of pediatric and adolescent reproductive diseases (e.g. sexual abuse)

c) clinical competence in the management of pediatric and adolescent gynecologic diseases

- 1) diagnosis and management of diseases of the reproductive tract
- 2) diagnosis of pituitary, central nervous system, thyroid and adrenal diseases related to reproduction
- 3) expertise in surgical and endoscopic techniques related to reproductive problems
- 4) expertise in ultrasound of reproductive organs and its problem
- 5) fertility control and family planning

d) experience and knowledge of:

- 1) administrative and management skills
- 2) teaching
- 3) legal and ethical issues
- 4) epidemiology, statistics, research and audit

e) Adolescent Health Care

- 1) Psychosocial history taking
- 2) Family dynamics and inter-relationships
- 3) Detection of risky adolescent behaviors
- 4) Sexual maturity rating
5. reproductive health counseling
- 6) Sexually Transmitted Diseases
- 7) Adolescent Pregnancy

Scope of Training:

1. Pediatric Physiology (fluids and electrolytes) and pharmacology.
2. Ability to identify normal features of the pediatric and pre-pubertal genitalia including the breast.
3. Ability to diagnose common gynecologic disorders in children.
4. Thorough understanding of normal embryology and sexual differentiation.
5. Ability to recognize congenital malformations of the vagina, cervix and uterus and its reproductive implications and approach to management.
6. Understanding of the basic principles of genetics and its correlation with pediatric gynecological conditions.
7. Pediatric urogynecologic knowledge.
8. Pathology of genital tumors in children.
9. Importance of sonographic evaluation as an immediate tool for the evaluation of suspected pelvic pathology, gender identification, and sexual development disorders.
10. Operative and reconstructive procedures.
11. Knowledge of biology, physiology, psychology, endocrinology, nutrition and sexuality of adolescents.
12. Development of sensitivity in approaching psychological and sexual implications of genital malformations.
13. Knowledge of sexual abuse, demographic characteristics and prevalence, perpetrator characteristics and genital findings.
14. Pap smear interpretation
15. Knowledge of breast disorders.
16. Knowledge of the management of gynecologic and gyne-endocrine disorders.
17. Special procedures:
 - a. Vaginoscopy
 - b. Colposcopy
 - c. Hysteroscopy
 - d. Ultrasound diagnosis
 - e. Pediatric laparoscopy
18. Development of gender sensitivity
19. Knowledge on adolescent sexuality – risk taking behavior
20. Knowledge on the management of acute genital trauma in premenarcheal girls
21. Knowledge on the basic concepts of molecular biology as applied to pediatrics
22. Pediatric and adolescent gynecology office setting
23. Research on STD's in the adolescent and sexually abused children.
24. Sex education

Clinical Rotations :**FIRST YEAR -**

Ambulatory Pediatrics (Out-patient and Emergency room)- (3months)

Adolescent Medicine (2 months)

Pediatric Urology – on call (within the 2 years of training)

Pediatric Surgery (2 months)
Colposcopy workshop at UP-PGH (1 week)
Ultrasound – Hands-on workshop training/Postgraduate Courses
(within 2 years of training)
Women and Child Protection Unit – on call (within 2 years of training)
Research Output - basic

SECOND YEAR-

Community (Primary health care) Health Centers (3 months)
Pediatric Endocrinology (2 months)
Genetics - National Institute of Human Genetics (3 months)
Research Output - prospective clinical

Program of Activities

1. Daily Rounds
2. Case management Conference - every 2 weeks
3. Journal report - once a month
4. Research update - once a month
5. Pre-op and Post-op conference - as necessary
6. Audit/Census Report (monthly) - once a month
7. Multi-disciplinary staff meeting and conference - quarterly

Daily Activity

1. Report 24 hr admission/discharge and log all referrals seen and their proper disposition.
2. Refer problematic cases to consultant for final disposition or decision.
3. Do routine gynecologic clearance in all female adolescents prior to surgery esp. those complaining of lower abdominal pain.
4. Answer all referrals at the Emergency Room relevant to gynecology.
5. Attend to patients at the Out-Patient Clinic.
6. Do gynecologic operative procedures (elective or emergency).
7. Examines all patients suspected of sexual abuse.

Out-Patient Clinic :

ANTEPARTUM UNIT, second floor
Philippine Children's Medical Center
1:00 - 5:00 P.M. - Monday to Friday
924-6601 loc. 322/ Fax: 372 3356

**'OUR CORNER' Postpartum
For interview and counselling**

In-Patient:

Service patients - Surgical Ward
Pediatric Ward
Adolescent Ward
Pay Patients - Pediatric Pay Ward
Adolescent Pay Ward

Operating Room:

Pediatric Surgical OR
(Emergency/Elective Cases)
***Elective Cases are scheduled Thursday afternoon
Anesthesia : Pediatric Anesthesia

Pediatric and Adolescent Gynecology Consultant Staff:

Dr. Corazon Yabes-Almirante - Head
Dr, Franklin P. Atencio
Dr. Rosalinda B. Arceo
Dr. Jose S. Baens
Dr. Blanca C. de Guia – Training Officer
Dr. Christine Dizon
Dr. Ma. Socorro Bernardino
Dr. Angela Aguilar
Dr. Marcela Carlos Sazon

Multidisciplinary Services Team Staff:

Dr. Fusca C. Piczon – Ambulatory Pediatrics/
Dr. Cecile Gan -Women & Child Protection Unit
Dr. Alicia B. Tamesis - Adolescent Medicine
Dr. Alvin Caballes - Pediatric Surgery
Dr. Jose G. Alcantara - Pediatric Anesthesia
Dr. David T. Bolong - Pediatric Urology
Dr. Lorna Abad - Pediatric Endocrinology
Dr. Carmencita Padilla - Genetics
Dr. Adoracion Tañega - Child Psychiatry
Dr. Bu Castro – Forensic Medicine

SERVICES:

The Pediatric and Adolescent Gynecology Clinic is located at the Antepartum Unit, second floor of the Philippine Children's Medical Center front building from 1:00-5:00pm. Emergency and ward referrals are seen promptly by the Pediatric and Adolescent Gynecology Fellow on-call for

24 hours. Our services cater to gynecologic conditions in female patients newborn to 19 years old. A counseling and interview facility is available at "OUR CORNER" at the Postpartum Unit 2nd floor.

Out-Patient Services:

1. Comprehensive gynecologic exam specifically for pediatric patients.
2. Pap smear and sexually transmitted disease screening
3. Colposcopy
4. Vaginoscopy
5. Ultrasound: transabdominal, transvaginal, transrectal and transperineal
6. Color Doppler and 3D ultrasound
7. Reproductive health counseling
8. Genetic counseling
9. Gynecologic evaluation of sexual and physical abuse with proper documentation and report for medico-legal purposes.
10. Sex Education

In-Patient Services:

1. Acute and elective gynecologic surgery
2. Reconstructive surgery
3. Pelvic laparoscopy, hysteroscopy
4. Management of gynec-endocrinologic disorders
5. Management of congenital abnormalities of the female reproductive tract