

Report on Paediatric and Adolescent Gynaecology in Department of Obstetrics and Gynaecology, The Chinese University of Hong Kong

1. Department of Obstetrics and Gynaecology, The Chinese University of Hong Kong

The Department of Obstetrics and Gynaecology, The Chinese University of Hong Kong provide services to over 1 million residents of the New Territories East Region of the Hong Kong Special Administrative Region (HKSAR).

The department composed of both University and Hospital Authority members based at The Prince of Wales Hospital, The Alice Ho Miu Ling Taipo Nethersole Hospital and The North District Hospital.

The department is a recognized training center of the Royal College of Obstetricians and Gynaecologists (RCOG) of United Kingdom and the Hong Kong College of Obstetricians and Gynaecologists (HKCOG) of Hong Kong. Three subspecialties, the Gynaecological Oncology, the Assisted Reproduction and the Maternal Fetal Medicine are also recognized as the subspecialty training center of both the RCOG and HKCOG; while the Urogynaecology is recognized as the training center of HKCOG.

Currently, there are a total of 9 Professors, 7 consultants, 7 associate consultants, 4 fellows (O&G specialists) and 19 O&G trainees; and 5 scientists in the department.

2. Paediatric and Adolescent Gynaecology (PAG) Service

The PAG clinic was established since November 2002 at the Nethersole Alice Ho Miu Ling Hospital, one of the three hospitals that the department of Obstetrics and Gynaecology served in New Territories East Cluster in Hong Kong.

There is one clinic session per week and one research clinic on alternate week. Usually a total of 15-20 patients are seen at each clinic. The following is the statistics of patients managed in the previous years.

Year	2002	2003	2004	2005	2006	2007
No of new cases	27	205	278	307	209	235

3. Summary of Staff / Services / Training / Facilities for Paediatric and Adolescent Gynaecology training

I. STAFF

(1) Prof. Tony Chung

*MBBS (Syd), MD(CUHK), FRANZCOG, FAMS, FHKCOG, FHKAM (O&G),
FRCOG ad eundem*

(2) Prof. TK Lau

MBChB, MD(CUHK), FRCOG, FHKCOG, FHKAM(O&G), M.Med.(O&G)

(3) Prof. Chris Haines

MBBS, MD(CUHK), FRACOG, FHKAM (O&G)

(4) Dr. Symphorosa SC Chan

*MBChB, MRCOG, FHKCOG, FHKAM(O&G)
International Fellow of Pediatric and Adolescent Gynecology (FIGIJ)*

II. SERVICES

A. Clinics:

(1) Paediatric and Adolescent Gynaecology clinic

- One clinic per week
- About 15 patients, 5 new cases and 10 follow up cases per clinic

(2) Termination of pregnancy clinic (STOP clinic)

- One clinic on alternate week
- About 10 patients per clinic

(3) Gyn-endocrine clinic

- One clinic on alternate week
- About 12 patients per clinic

(4) Colposcopy clinic

- One clinic per week
- About 8 patients per clinic

(5) Hysteroscopy clinic

- One clinic per week
- About 8 patients per clinic

(6) Research clinic on Paediatric and Adolescent Gynaecology

- One clinic on alternate week
- About 5 patients

B. Inpatients services:

(1) A total of 3 gynaecology wards with 50 gynaecological beds are available at the 3 hospitals.

(2) Paediatric beds in paediatric wards are available for children if inpatient care is needed.

Together, these provide inpatient management for children or adolescent requiring elective or emergency care.

C. Operations:

(1) Gynaecological operation lists available for PAG patients

- One whole day laparoscopic surgery on general gynaecology weekly
- One whole day laparotomy surgery on general gynaecology weekly
- One whole day list in alternate week on pelvic floor surgery (urogynaecology operative session)
- One half day list in alternate week for surgical termination of pregnancy

- All trainees will undergo laparoscopic training according to the requirement of HKCOG. They will achieve at least 30 level 2-3 laparoscopic surgeries during their basic and higher O&G training, in order to obtain the intermediate level of recognition in laparoscopic surgery.

III. TRAINING ACTIVITIES

(1) Departmental postgraduate lectures / seminars:

- Weekly departmental CME / research meeting
- Weekly departmental case presentations / topic presentations

(2) Teaching rounds

- Daily ward rounds
- Weekly grand rounds
- Regular pre-operative and post-operative rounds

(3) Teaching clinics

- All clinics and especially, subspecialty clinics are designated for postgraduate and undergraduate teaching

IV. FACILITIES

(A) Links with other subspecialty or departments

(1) Links with general gynaecological services.

There are concomitant gynaecology clinics.

(2) Links with Radiological Department

- Department of diagnostic radiology and imaging of Prince of Wales Hospital and Alice Ho Miu Ling Nethersole Hospital provide radiological support to our patients.
- One of the Associate Consultant, Dr Helen Chau is specialized in pelvic imaging.

(3) Links with Paediatric Department

- Department of Paediatrics of Princes of Wales Hospital and Alice Ho Miu Ling Nethersole Hospital, and Paediatric division of the Department of Surgery
- We accept referrals from these departments and these departments also accept referrals from gynaecology

(4) Links with Student Health Services

- We accept referrals from the Student Health Services of Department of Health, Hong Kong Government.
- Three Students Health Clinics are located in the catchments area of our hospital

(B) Secretarial / Medical illustration / Photocopying Support and Facilities

- (1) Secretarial: There are 16 University and Hospital Authority Secretariat
- (2) Medical illustration: Medical Media Technology Services, PWH, CUHK
- (3) Photocopying: Secretary office, Department of Obstetrics and Gynaecology,
CUHK

(C) Library and on line library

- (1) Li Ping Medical Library, Prince of Wales Hospital, CUHK
- (2) Hospital Authority library at each hospital, namely, Prince of Wales Hospital, Alice Ho Miu Ling Nethersole Hospital and North District Hospital
- (3) University Library system, CUHK

(D) Audit activity

- (1) HKCOG audit of gynaecology admissions and complications
- (2) Paediatric and adolescent gynaecology outpatient activity database
- (3) Paediatric and adolescent gynaecological surgery audit database

(E) Diagnostic facilities

- (1) Transabdominal and transvaginal Ultrasound at Outpatient clinics
 - HDI 5000
 - GE Medical System UK Voluson 730PRO
- (2) Transabdominal and transvaginal Ultrasound at Gynaecology ward
 - GE Medical System UK Voluson 730PRO
 - Aloka SSD – 1400
- (3) Radiology / CAT scan / MRI at Diagnostic and imaging department
 - 3T MRI Philips, Achieva X series
 - Conventional IVU
- (4) Research laboratories
Cytogenetics:

- Leica DM5500B Automated Fluorescence Microscope (Karyotyping)
- Leica DM5500B TL Microscope x 2 (Karyotyping)
- Leica CW4000 Cytogenetic Imaging Workstation (Karyotype & FISH/MISH/SKY)

4. PRESENTATIONS IN PAST YEARS RELATED TO PAG

- Oct 2008* Adolescent Gynaecology
Symphorosa SC Chan
Baptist Hospital, Hong Kong
- Sep 2008* Vaginal Reconstructions in Adolescents
Symphorosa SC Chan
Congress on Advanced Management in Pelvic Organ Prolapse and
Female Urinary Incontinence
Hong Kong Urogynaecology Association and Pan-Asian Pacific
Urogynaecology Association
- June 2008* The Menstrual Outcome of Girls of a Pediatric Adolescent Gynecology
Clinic
Symphorosa SC Chan, Alice KW Yiu
XI European Congress on Pediatric and Adolescent Gynecology
Saint-Petersburg, Russia
- June 2008* Hong Kong Chinese Girls' Attitude on Sex Education
Symphorosa SC Chan, Alice KW Yiu
XI European Congress on Pediatric and Adolescent Gynecology
Saint-Petersburg, Russia
- Apr 2008* Assessment of Hirsutism and Acne in Oligomenorrheic or
Amenorrheic Adolescents
Symphorosa SC Chan, Alice KW Yiu
North American Society of PAG, Newport Beach, USA
- Apr 2008* Assessment of Oligomenorrhea and Secondary Amenorrhoea in
Adolescents
Alice KW Yiu, Symphorosa SC Chan
North American Society of PAG, Newport Beach, USA

- May 2006* Reasons of Referral for Patients Attending a Pediatric and Adolescent Gynecology Clinic
Symphorosa SC Chan, Grace WY Cheung
Xth European Pediatric and Adolescent Gynecological Congress,
Budapest, Hungary
- May 2006* Survey of Menstrual Problem of Hong Kong Adolescents – A Pilot Study
Symphorosa SC Chan, Grace WY Cheung
Xth European Pediatric and Adolescent Gynecological Congress,
Budapest, Hungary
- Mar 2006* Gynaecological Problems in Hong Kong Adolescents
1st Hong Kong Paediatric Adolescent Gynaecology Symposium
Department of Obstetrics and Gynaecology
The Chinese University of Hong Kong
- Nov 2005* Paediatric and Adolescent Gynaecology – Time to Explore?
Postgraduate Seminar
The Hong Kong College of Obstetricians and Gynaecologists
- May 2004* Gynecological Needs of Children and Adolescents: One Year Experience of a Pediatric and Adolescent Gynecology clinic.
Symphorosa SC Chan, Grace WY Cheung and PM Yuen
North American Society of PAG, San Diego
- May 2004* Menstrual Distress in Patient-Mother Pairs
Cheung GWY, Chan SSC, Yip SK, Yuen PM
14th World Congress on Pediatric & Adolescent Gynecology, Athens,
Greece

5. PUBLICATIONS

Chan SSC, Yiu KW, Yuen PM, Sahota DS, Chung TKH. Menstrual problems and health seeking behaviour of Hong Kong Chinese Girls (*In press*)

Chan SSC, Ng BHY, Lo KWK, Cheung TH, Chung TKH. Adolescent's attitude on human papillomavirus vaccination. (*In press*)

Chan SSC, Lo KWK, Cheung TH, Chung TKH. Women's attitude on human papillomavirus vaccination to their daughters. *Journal of Adolescent Health* 2007; 41(2): 204-7

Yuen PM, Chan SS. Laparoscopy in a patient with XY gonadal dysgenesis. *Journal of Minimally Invasive Gynecology* 2005; 12(3): 194-5

Chan SSC, Yuen PM. Torsion of a paraovarian myoma in a teenage woman. *J Am Assoc Gynecol Laparosc* 2004; 11(1): 96-8

Chan SSC, Cheung GWY, Yuen PM, Chin RKH. Management of vulvovaginitis in childhood. *The Hong Kong Practitioner* 2003; 25: 319-24