



OBSTETRICS & GYNAECOLOGY

Academic Clinical Program



KK Women's and
Children's Hospital



Singapore
General Hospital



Forging New Frontiers in **Academic Medicine**

SingHealth Duke-NUS OBGYN ACP
Progress Report 2014

ACCELERATING OUR MOMENTUM IN ACADEMIC MEDICINE



Prof Ivy Ng

Group CEO,
SingHealth

Last year, we marked a significant milestone in our AM journey by successfully achieving the JCI-Academic Medicine Centre (JCI-AMC) accreditation for our SingHealth Group's flagship hospitals, Singapore General Hospital (SGH) and KK Women's & Children's Hospital (KKH). This was made possible by the strong collaborative support between SingHealth and our academic partner Duke-NUS. The SingHealth Duke-NUS Academic Medical Centre is now one of the few JCI-AMC accredited centres in Asia.

Our journey, as we delve deeper into Academic Medicine is becoming more exciting. OBGYN ACP is one of the first ACPs leading our journey in Academic Medicine. OBGYN ACP continues to play an important role in the imparting of OBGYN knowledge and skills to the next generation. The OBSTETRICS (OBStetrics TEam TRaining In Core Skills) Course offering evidence based multi-professional training has trained 72 clinical staff in managing different obstetrics emergencies situations. It has improved knowledge in obstetric care, clinical skills, team work and is directly associated with improvements in perinatal outcomes.

OBGYN ACP Pitch for Grant Awards continues to encourage the junior doctors to undertake new research. It helps our doctors to initiate innovative studies, providing pilot data useful for competitive research grant application. During the 2nd OBGYN ACP Research Day last year, 5 additional grants were awarded to the residents.

We are on the right path and let us build strong bonds within our AMC. With determined focus, we can further accelerate our momentum to improve our patients' lives!



Prof Thomas Coffman

Dean-Designate,
Duke-NUS

The SingHealth Duke-NUS OBGYN ACP has been very successful in fostering research and enhancing education in Obstetrics and Gynaecology across SingHealth. It has also aligned very well with the vision of the SingHealth Duke-NUS Academic Medical Centre to improve patient care and outcomes.

OBGYN ACP has been involved in a spectrum of basic, translational and clinical research namely, fetal stem cell biology, intrauterine stem cell, gene therapy, tissue engineering, regenerative medicine, exosomes, and extracellular vesicles. It also has collaborated with a number of institutions and pharmaceutical companies. Currently, the OBGYN ACP has grants of over \$2 million per year and faculty members have published more than 40 papers, many in high impact journals.

On the education front, the OBGYN ACP places great importance on developing their faculty. Faculty who excel in academic and teaching pursuits have been formally recognized with awards for their contributions and commitment to teaching and research.

Through their accomplishments, the OBGYN ACP is a vital part of SingHealth Duke-NUS AMC's efforts to shape tomorrow's medicine.



**Adj Assoc Prof
Bernard
Chern Su Min**
Academic Chair,
OBGYN ACP

In SingHealth Duke-NUS OBGYN ACP, we are proud to have many dedicated clinicians and staff making outstanding contributions to academic medicine. Their success is defined not only by their own achievements but by the strong impact they make on future generations of our healthcare talent.

In the nearly four years since the OBGYN ACP has been established, all of our three mission areas - education, research and clinical care - have grown substantially and we have been able to tackle well the challenges in these 3 areas. Striving for continual improvement in clinical outcomes and better patient care, we aim not only to build a strong pool of clinician educators to educate the younger generation, but also to develop a good team of clinician researchers to drive healthcare innovation.

SHARED MISSION

The OBGYN ACP has a mission to improve the lives of patients through excellent clinical care, education and research. To fulfill this mission, team work is paramount as no single individual or department can work alone. The OBGYN ACP comprises clinicians from Singapore General Hospital and KK Women's and Children's Hospital. To catalyse cross-fertilisation of ideas and sharing of resources, collaborations are constantly forged between institutions to achieve our goals in Academic Medicine.

“ To Deliver Excellent O&G
Services, Education & Research in
order to ensure World Class
Clinical Outcomes ”



SINGHEALTH DUKE - NUS OBGYN ACP



DIVISION OF O&G (KKH)

Chief of Gynecology,
Adj Prof Ho Tew Hong

Chief of Obstetrics,
Adj Prof Yeo Seow Heong George



Department of O&G

Adj Assoc Prof
Chern Su Min Bernard



Department of Urogynaecology

Adj Assoc Prof
Han How Chuan



Department of Maternal Fetal Medicine

Adj Prof
Yeo Seow Heong George



Department of Gynae Oncology

Adj Asst Prof
Lim Yong Kuei Timothy



Department of Reproductive Medicine

Adj Assoc Prof
Tan Heng Hao



ACADEMIC VICE CHAIR, RESEARCH

Adj Prof
Yeo Seow Heong George

Research Unit



ACADEMIC VICE CHAIR, EDUCATION

Adj Prof
Ho Tew Hong



SingHealth OBGYN Residency Program

Adj Assoc Prof
Chern Su Min Bernard



AST & BST

Adj Assoc Prof Tan Lay Kok
(SGH)



Dr Phoon Wai Leng Jessie
(KKH)



HO

Adj Assoc Prof Yong Tze Tein
(SGH)



Adj Asst Prof Suzanna Sulaiman
(KKH)

ACADEMIC CHAIR

Chairman, Division of O&G, KKH
Adj Assoc Prof Chern Su Min Bernard



ACADEMIC DEPUTY VICE CHAIR, EDUCATION

Adj Assoc Prof
Tee Chee Seng John



ACADEMIC DEPUTY CHAIR

Adj Assoc Prof Tan Hak Koon

DEPARTMENT OF O&G (SGH)

Adj Assoc Prof Tan Hak Koon

Advisors

Adj Prof Ng Sen Ark Charles
Adj Prof Ho Tew Hong



Reproductive Medicine

Adj Assoc Prof Yu Su Ling



Gynae Oncology

Adj Prof Ho Tew Hong



Maternal Fetal Medicine

Adj Assoc Prof Tan Lay Kok



Urogynaecology

Adj Asst Prof Chua Hong Liang

Duke-NUS GMS OBGYN CLERKSHIP



Program Coordinator
Assoc Prof
Tan Thiam Chye



Deputy Program Coordinator
Assoc in Education
Dr Sonali Prashant Chonkar

NUS YLL SoM OBGYN CLERKSHIP



Program Coordinator
Adj Assoc Prof
Devendra Kanagalingam
(SGH)



Program Coordinator
Adj Asst Prof
Khoo Chong Kiat
(KKH)



Deputy Program
Coordinator Adj Assoc
Prof Yong Tze Tein
(SGH)



Deputy Program
Coordinator Adj Asst
Prof Manisha Mathur
(KKH)

LKC OBGYN CLERKSHIP



Clerkship Lead
Adj Assoc Prof
Tan Heng Hao



Deputy Clerkship
Lead Adj Asst Prof
Lau Sie Kuei Matthew

WHAT'S HAPPENING IN THE CAMPUS

01
JANUARY

5 January 2015
 OBGYN ACP Workplan & Budget 2015

14 April
 Improving Doctor Patient Relationship (IDPR)

18 April
 OBSTETRICS Course
 (OBStetrics TEam TRaining In Core Skills Course)

24 to 25 April
 New Residents Onboard Meeting Briefing and Orientation 2015

25 April
 Endoscopic and Laparoscopic Simulation Workshop

04
APRIL

13 to 14 February
 Basic Laparoscopy & Complication Management Workshop

02
FEBRUARY

3 to 5 May
 11th ISUOG-Outreach 2015: Defining Contemporary Office Investigations – Closing the gap between ultrasound, laboratory tests, and your practice'

13 to 15 May 2015
 International Society of Obstetric Medicine (ISOM)

Regional Course & 6th Singapore General Hospital Maternal Medicine Course

05
MAY

03
MARCH

11 March
 Mastering Adverse Outcomes (MAO)

12 March
 Mastering Shared Decision Making (MSDM)

21 March
 OBGYN ACP Retreat

3 to 6 June
 Regional Congress of APAGE 2015: Endometriosis & Gynaecological Cancer – Strategies in Minimally Invasive Surgery

27 June
 OBGYN Residents Retreat

Gynae Oncology Public Forum, KKH*

06
JUNE

07
JULY

9 July

SingHealth Duke-NUS OBGYN ACP
Townhall

24 July

Basic Surgical Skills Workshop, SGH

25 July

SingHealth Residency Open House 2015

14 August

3rd SingHealth Duke-NUS OBGYN ACP
Clinical Practice Improvement Day

30 August

SingHealth Duke-NUS Gala Dinner

Reproductive Medicine Public Forum*

08
AUGUST

09
SEPTEMBER

11 September

SingHealth Duke-NUS OBGYN ACP
Research Day*

25 to 26 September

2nd SingHealth Duke-NUS Education
Conference: Education Across the
Continuum for Improved Healthcare
(OBSTETRICS Course as Pre Conference
Workshop on 22 September)

Starting Out on Assisted Reproduction
(SOAR), SGH*

11
NOVEMBER

5 November

Academic Hour

3rd OBGYN ACP Education Day*

Train The Trainers Workshop in Kiwi
Vacuum Delivery*

4 December

OBSTETRICS Course (OBStetrics TEam
TRaining In Core Skills Course)

10
OCTOBER

12
DECEMBER

ADVANCING IN THE JOURNEY OF ACADEMIC MEDICINE



Annual Retreat Group photo taken at Changi Cove

29 March 2014 - OBGYN ACP Retreat 2014

The annual retreat is a major opportunity platform for ACP Key Appointment Holders (KAHs) to review the past year's achievements and share future plans for the organisation with fellow faculty and staff. The retreat brought together more than 40 faculty and staff which enabled vigorous exchange of knowledge and experiences on how OBGYN ACP can value add to institutions and departments and nurture an academic culture.

26 April 2014 - SingHealth 'Running Man' Residency Orientation 2014

Our new and senior OBGYN residents participated in the annual event organised by Graduate Medical Education (GME) Office. The orientation culminated with a range of activities which forged a deeper bond between Residents and Faculty. It marked an important milestone for the Residents to embark on their journey of medicine.

8 April 2014 - OBGYN ACP Academic Medicine Advisory Council (AMAC) Meeting 2014

The AMAC provides the SingHealth Board and the Duke-NUS Governing Board independent advice and guidance on the development of the Academic Medicine vision and mission. The second OBGYN ACP AMAC meeting was chaired by Sir Keith Peters, Emeritus Regius Professor of Physic, University of Cambridge together with the members Emeritus Prof Sir Sabaratnam Arulkumaran, former Head of Obstetrics & Gynecology of St. George's University of London and other prestigious experts from renowned AMCs.

As a follow up to the recommendations given by first AMAC in 2012, OBGYN ACP has presented an overview of improvements and developments done in the past 2 years during the meeting. The Council was impressed with the efforts of OBGYN ACP.

The council shared knowledge and experience towards better integration of medical education, biomedical research and clinical quality and patient care engendering a vibrant forward looking academic medicine ecosystem.

27 June 2014 - 2nd OBGYN ACP Clinical Practice Improvement Day

The event provided a platform for participants to discuss common medical legal issues specific to O&G. It also gave clinicians an opportunity to glean invaluable insights from case studies and lectures.

The symposium included panel sharing and case studies in the area of medical legal. OBGYN ACP works hand in hand with medical and supporting staff in up keeping vigilance as we strive towards the best standards in patient care.

The symposium was well received. It had a significant amount of positive feedbacks from faculty and residents.



Prof Alex Sia, CMB, KKH giving the opening speech at the Clinical Practice Improvement Day



(From left to right) Dr Jill Lee, Dr Joella Ang, A/Prof Tan Lay Kok, Dr Cynthia Kew, Dr Manisha, Ms Felicia Ang, Ms Belinda Huang, Ms Kam Limin, Dr Grace Ng and Dr Lee Jia Yi

26 July 2014 - SingHealth Residency Open House 2014

The theme of the SingHealth Residency Open House 2014 was 'Fulfill your passion, be it in Care, Education or Research'. It drew over 400 medical students to Academia in SGH Campus. It was abuzz with activity as participants made their way around the various program booths, eager to find out more about the different Residency tracks.

Medical students even had the chance to 'deliver' a baby at the Obstetrics and Gynecology booth. OBGYN Residency Program Director, Faculty and Residents were on hand to share information about their programs and provided insights based on their personal experiences with O&G Residency Program.

6 September 2014 - 2nd OBGYN ACP Research Day

This annual event highlighted the OBGYN residents' research achievements. It featured 2 distinguished overseas guest speakers namely Emeritus Professor Sir S. Arulkumaran from St. George's University of London and Professor Haywood Brown from Duke University. The speakers delivered lectures on 'History of Obstetrics and Gynecology' and 'Obstetric Litigation'. About 80 Faculty, Residents and Trainees attended the event. A total of 27 scientific posters were submitted.

5 posters were further selected for Oral Presentation. The Oral Presentation Awards were presented to the following doctors;



(From left to right) Assoc Prof Tan Thiam Chye, Assoc Prof Tan Lay Kok, Assoc Prof Bernard Chern, Professor Sir S. Arulkumaran, Prof Haywood Brown, Assoc Prof Tan Hak Koon, Prof Ho Tew Hong, Prof Tan Kok Hian and Prof George Yeo

Award Category	Awardee	Study Title
Best Oral Presentation	Dr Koh Seow Choon Daniel	The Performance of First Trimester Screening Scan in Detecting Non-Chromosomal Abnormalities in Singleton Pregnancies – A Four Year Review
Merit Award Oral Presentation	Dr Koh Mei Ling Serena	Comparison of TVT-O and TVT Abbrevio in the surgical management of female stress urinary incontinence
Oral Presentation Prize	Dr Huang Youjin Eugene	Stillbirths - Can we prevent them?
Oral Presentation Prize	Dr Ng Zheng Yuan	Predicting the outcome of pregnancy of uncertain viability



Adj Assoc Prof Bernard Chern and Dr Daniel Koh



Adj Assoc Prof Bernard Chern and Dr Serena Koh



Prof George Yeo presented the award to Dr Ng Zheng Yuan



Prof George Yeo presented the award to Dr Eugene Huang

During the research day, we also took the opportunity to present Pitch for Grant Awards. The objective of the grant is to promote clinical and translational research within OBGYN ACP especially amongst junior doctors.

Awardee	Grant Proposal Title
Dr Hui Yan Yan Celene	Progestogen for Threatened Miscarriage: A Randomised Controlled Trial Comparing Micronised Progesterone and Dydrogesterone
Dr Ho Weng Yan	Fertility Sparing Surgery in Stage 1 Epithelial Ovarian Cancer: A Study on Oncologic Safety and Reproductive Outcomes, and Patient's Attitudes towards Childbirth
Dr Tung Su Zhen Janice	What Is The Best Way to Achieve Intra-Ovarian Haemostasis After Cystectomy? A Comparison between Tisseal, FloSeal and Bipolar Diathermy with Regards to Their Impact on Ovarian Reserve
Dr Lee Cheng Sim Jill	Incidence of Lynch Syndrome in Singaporean Women with Endometrial Cancer Aged 40 Years and Younger
Dr Liu Shuling	Effect of Letrozole on Seminal Parameters in Men with Non-Obstructive Azoospermia and Severe Oligozoospermia with Low Testosterone to Oestradiol Levels

7 November 2014 - 2nd OBGYN ACP Education Day

The aim of the Education Day is to serve as a platform for clinician educators to discuss various issues in medical education in OBGYN ACP (undergraduate & post-graduate). Asst Prof Ha Tam Cam, Chairman of AM·EI Professional Development Committee, SingHealth Duke-NUS AMC was invited to conduct a condensed version of a facilitation module, titled 'Enhancing and Enriching Learning through Effective Facilitation'

Assoc Prof Zubair Amin, Senior Consultant from National University Hospital (NUH) further enhanced the day's programme by delivering a presentation on 'Competency versus Performance:

What Should We Assess and How' at the second segment of the afternoon. The Education Day was well attended. It received many good feedbacks for the workshop conducted.

The event ended with presentation of OBGYN Education Awards. The following awards were presented;



Opening speech by Prof Ho Tew Hong at the Education Day

OBGYN ACP Education Day Awards	Awardee
Best Advanced Specialist Trainee Award (KKH) – June 13 to May 14	Dr Wang Pei Ying Candice
Best Advanced Specialist Trainee Award (SGH) – June 13 to May 14	Dr Yang Liying
Best R4 Resident Award	Dr Ho Weng Yan
Best R3 Resident Award	Dr Qi Maili
Best R2 Resident Award	Dr Ang Xiao Hong Joella
Best CREOG Score Award	Dr Thain Pei Ting Serene
Best YLL SoM Resident Educator Award	Dr Chuah Theng Theng
Best Duke-NUS GMS Educator Award	Dr Lee Cheng Sim Jill & Dr Qi Maili

26 November 2014 - Success in Accreditation as Academic Medical Centre (JCI AMC) Accreditation - Singapore General Hospital (SGH) and KK Women's and Children's Hospital (KKH)

OBGYN ACP has faculty for both SGH and KKH. In 2014, SGH and KKH have successfully achieved the JCI-AMC Accreditation. This was made possible by the strong collaborative support from SingHealth and academic partners Duke-NUS.

The SingHealth Duke-NUS Academic Medical Center is the only AMC in Southeast Asia pioneered by two of the largest and oldest hospitals with excellent standards. It is also one of the few JCI-AMC accredited AMCs in Asia.

With a strong emphasis on healthcare quality standards, coupled with our strong education and research cultures, both SGH and KKH will continue offering ample opportunities for interested stakeholders to be part in advancing our AM journey.



(From top to bottom) Group photo of KKH and SGH in celebration of success in accreditation

AWARDS AND ACCOLADES

14 January 2014 - Singapore Health Quality Service Award

OBYGN Faculty were honoured for their outstanding contributions at the annual Singapore Health Quality Service Award Ceremony. The ceremony was organised by SingHealth, Singapore's largest academic healthcare cluster. The award is Singapore's first dedicated platform to honour healthcare professionals who have delivered quality care and excellent service to patients.

Star Awardees:

- Adj Assoc Prof Han How Chuan
- Adj Assoc Prof Tee Chee Seng John
- Adj Asst Prof Khong Chit Chong
- Adj Asst Prof Sadhana Nadarajah
- Adj Asst Prof Thia Wee Horng Edwin

Gold Awardees:

- Adj Prof Tan Kok Hian
- Adj Asst Prof Suzanna Sulaiman
- Adj Asst Prof Dr Manisha Mathur
- Adj Instructor Dr Lee Jiah Min

Silver Awardees:

- Assoc Prof Chan Kok Yen Jerry
- Assoc Prof Tan Thiam Chye
- Adj Asst Prof Kew Chia Yng Cynthia
- Adj Instructor Dr Wong Wai Loong
- Adj Asst Prof Koh Poh Kim Elisa
- Adj Asst Prof Teo Boon Li Steven
- Adj Asst Prof Khoo Chong Kiat
- Adj Asst Prof Tan Kim Teng
- Dr Pandian Radha

14 August 2014 - SingHealth Best Junior Doctors and Residency in SingHealth Excels (RiSE) Awards

The SingHealth Best Junior Doctors and Residency in SingHealth Excels (RiSE) Awards honors and recognizes the key achievements and exemplary contributions of junior doctors, Residency Faculty and Residents.

Best Medical Officer Award

" This award recognises our top performing Medical Officers for their outstanding contributions and service, based on their work performance during their postings at SingHealth over the past 2 years. Prof Koo Wen Hsin, Group

Director, Education, SingHealth presented the awards to the awardees.

- Dr Chin Hui Xian Felicia



Inspiring Resident Educator Award

The Inspiring Resident Educator Award recognizes exemplary residents who teach and nurture both fellow peers and juniors. Prof Koo Wen Hsin, Group Director, Education, SingHealth presented the awards to the awardees.



Dr Jill Lee



Dr Janice Tung



Dr Celene Hui

Quality Improvement (QI) Project Award

The award is based on QI projects that encourage Residents to innovate and improve the academic or clinical structure within SingHealth Residency. Prof Koo Wen Hsin, Group Director, Education, SingHealth presented the awards to the awardees.

- Dr Tan Shu Qi
- Dr Lim Hui Ping Michelle
- Dr Jung Jingjin Jacqueline
- Dr Koe Suan-Li Liana
- Dr Ee Tat Xin

The team initiated the project titled 'Reducing Variation and Unnecessary Antibiotic Use in Elective Caesarean Section' under the mentorship of Adj Prof Tan Kok Hian.



Outstanding Resident Award

The outstanding Resident Award recognises Residents who have done well in their clinical and academic performance. The awardee is also amongst the top 10% of the cohort.

- Dr Ang Xiao Hong Joelle

Outstanding Faculty Award

The appreciation awards recognise the faculty for their commitment and contribution to SingHealth. Prof Terrance Chua Siang Jin presented the awards to the dedicated faculty.



Top 3 Program Award

The awards are based on the results from the ACGME-I survey on Resident feedback.

- SingHealth Obstetrics & Gynecology Residency Program



(From left to right) Dr Timothy Lim, Dr Janice Tung, Dr Celene Hui, Assoc Prof Devendra Kanagalingam, Dr Manisha, Prof Alex Sia, Assoc Prof Bernard Chern, Assoc Prof Philip Yam, Dr Jill Lee, Dr Joella Ang, Dr Ng Qiu Ju and Dr Tan Shu Qi

26 to 27 February 2014 - National Medical Research Council (NMRC) Awards Ceremony - CSA Investigator Category

SingHealth and Duke-NUS clinician scientists and researchers won more than half of the talent awards presented at the National Medical Research Council (NMRC) awards ceremony 2014.

The NMRC awards are presented to OBGYN clinician scientists and researchers to carry out translational and clinical research in Singapore – to turn their research ideas into improvements for patient care.

- Assoc Prof Chan Kok Yen, Jerry, Director & Senior Consultant, KK Research Centre

KK People Developer (KKPD) Outstanding Clinical Teacher Award

The award is to recognize employee of KK Women's and Children's Hospital for their dedication towards clinical teaching and validates the excellence in teaching and educational efforts.

- Assoc in Education Dr Sonali Prashant Chonkar, Senior Staff Registrar, Department of O&G, KKH

23 June 2014 - CEO Service Award

CEO Service Award is an annual award and the highest accolade given to the 'best of the best' staff in SGH who are exceptional role models in service.

- Adj Asst Prof Chua Hong Liang, Senior Consultant, Department of O&G, SGH



Dr Chua Hong Liang receiving his award during the ceremony

16 May 2014 - GCEO Excellence Award - Outstanding Educator Award

The SingHealth Excellence Awards were introduced in 2011 to recognise and reward employees for their outstanding performance and achievements in the cluster and across the institutions.

The GCEO Excellence Awards recognises the exemplary professionals in their field of work at the Group level.

- Assoc Prof Tan Thiam Chye, Senior Consultant, Department of O&G, KKH



Assoc Prof Tan Thiam Chye and Prof Ivy Ng, SingHealth GCEO



(From left to right) Prof Ranga Krishnan, Dean, Duke-NUS, Dr Sonali Chonkar and Prof Ivy Ng, Group CEO, SingHealth

5 September 2014 - AM•EI Golden Apple Awards 2014

The AM•EI Golden Apple Awards 2014 recognize inter-professional faculty and staff who teach actively in SingHealth and Duke-NUS Graduate Medical School for their dedication, passion and innovation to advance the boundaries of educational excellence for better patient care.

- Assoc in Education Dr Sonali Prashant Chonkar, Senior Staff Registrar,
Department of O&G, KKH

4 to 7 December 2014 - Young Scientist Best Abstract Award

Clinical research entitled 'Stillbirths – Can we prevent them?' by Dr Eugene Huang and Adj Prof Tan Kok Hian was selected as the winner for Young Scientist Best Abstract Award at the 20th World Congress on Controversies in Obstetrics, Gynecology and Infertility (COGI). Held in Paris, France, December 4 to 17 last year, the Scientific Committee of the COGI Paris Congress selected the best abstract submitted by the young physicians, scientists and researchers for this Young Scientist Best Abstract Award.

- Dr Huang Youjin, Eugene

18 November 2014 - National Day Awards

The Long Service Award was instituted in 1962. It is awarded to any person who is irreproachable character and whom the President is satisfied has completed at least 25 years' service in the service of the Government; any statutory authority (other than a Town Council); any organisation, association or body rendering services in the field of education or any company which is wholly-owned by the Government and which is carrying on business mainly as an agent or instrumentality of the Government.

Long Service Medal

Adj Prof Tan Kok Hian
Senior Consultant, Division of O&G, KKH

Adj Assoc Prof Han How Chuan
Head & Senior Consultant,
Department of Urogynaecology, KKH



Dr Wong Wai Loong presented on the public forum - 'Endometrial Cancer Catch it before it kills'



Dr Jessie Phoon presented on the public forum - 'Optimising Your Fertility What you need to know'



Dr Ang Seng Bin presented on the menopause public forum

Public Forums

Both KKH and SGH have been actively organising public forums to enhance public awareness on O&G related knowledge. They have been receiving overwhelming responses so far from the public.

■ 8 JUNE 2014

Public Forum titled 'Endometrial Cancer: Catch it before it kills! By Department of Gynae Oncology, KKH

■ 16 AUGUST 2014

Public Forum titled 'Optimising Your Fertility: What you need to know' by Department of Reproductive Medicine, KKH

■ 2 NOVEMBER 2014

Public Forum titled 'Menopause: The Age of Freedom' by Department of O&G, Menopause Unit

Lectures and Talks

OBGYN ACP has been supporting institutions in facilitating different talks and visits of overseas and local experts, imparting their expertise and knowledge to help improve and upgrade our medical and health team's skills in O&G. The following are talks and visits took place in the past 1 year;

■ 5 SEPTEMBER 2014

Lecture by Professor Haywood Brown, Chair of Department of O&G in Duke University titled 'Understanding and Reducing Ethnic Disparity in Obstetrics Adverse Outcomes'

■ 3 OCTOBER 2014

Talk by Prof Kamei and Prof Sandy Cook on 'Residents' Role as Educator'

■ 6 JANUARY 2015

Lecture by Prof Henry Charles Kitchener, HMDP Expert – 'Case Presentation & Clinical Utility of HPV Testing in the management of Cervical Neoplasia'

■ 7 TO 10 JANUARY 2015

Lecture by Prof Michael Robson, HMDP Expert – 'Safer Birth: Using Information to Improve Quality'

CLINICAL CARE

15 January 2014 - TrustedCare™ Elective LSCS

The committee chaired by Adj Prof George Yeo and Adj Asst Prof Shephali aims to enhance the current elective caesarean section pathway with the implementation of evidence based pathway. It also drive an initiative to move from paper based case records to direct electronic data entry, facilitating comprehensive data collection, monitoring of data entry and tracking of clinical outcomes. The pilot roll out was launched on January 2014 and the full roll out took place 3 months later on April.

14 to 15 February 2015 - 5th Maternal Medicine Course

The 5th Maternal Medicine Course aimed to train both obstetricians and physicians in mastering the essentials of common and important medical problems in pregnancy and keeping current with controversies in management of diabetes in pregnancy.

A total of 142 participants attended the course in the Academia.

Foremost international experts in Obstetrics Medicine Prof Bill Hague from the University of Adelaide and Prof Sandra Lowe from University of New South Wales were invited to speak on a wide array of important topics related to maternal medicine. The organising committee was chaired by Adj Assoc Prof Tan Lay Kok.



Participants in one of the obstetric emergencies' scenario

8 March & 14 August 2014 - OBSTETRICS Course In Academia

A total of 70 clinicians, nurses and midwives from different specialties besides OBGYN have attended the bi-yearly OBSTETRICS (OBstetrics TEam TRaining In Core Skills) Course in Academia and Simulation Center in KKH. The course is an evidence-based multi-professional training package based on the successful PRactical Obstetric Multi-Professional Training (PROMPT) conducted in United Kingdom.

It covered the management of range of a range of obstetrics emergency situations. The course consists of interactive drills, interactive lectures and workshops that provide 'hands-on' experience of practical skills, team working and decision making in simulated obstetrics emergency situations. It aimed to improve awareness of obstetric emergencies and reduce preventable harm to mothers and their babies.

Pre and post course questionnaires were conducted in both courses. Almost all of the participants claimed that they were more confident in handling the obstetrics emergencies after the course.

4 to 6 May 2014 - 10th International Society Of Ultrasound In Obstetrics And Gynecology (ISUOG) Outreach Course

The 10th year anniversary of the annual International Society of Ultrasound in Obstetrics and Gynecology (ISUOG) Outreach course in 2014 was held in conjunction with the 5th Scientific Congress of the College of Obstetricians & Gynaecologists, Singapore (COGS). Themed 'Rationalising the New Pyramid of Pregnancy Care', the course aimed to update regional clinicians on the latest development of the field. A group of internationally renowned experts on ultrasound were invited to share their views on issues that commonly encountered in the daily practice.



(From left to right) Assoc Prof Bernard Chern together with trainees in the wet lab

12 to 14 June 2014 - Asia Pacific Association For Gynecologic Endoscopy And Minimally Invasive Therapy (APAGE) Regional Congress 2014 - Hysterectomy And Managing Complications In Minimally Invasive Surgery

The event was jointly organised by the Minimally Invasive Surgery (MIS) Unit of KKH in conjunction with OBGYN ACP and Asia Pacific Association for Gynecologic Endoscopy and Minimally Invasive Therapy.

The congress Chairman was Adj Assoc Prof Bernard Chern. Event faculty comprised of around 40 eminent laparoscopic surgeons from Singapore and abroad such as USA, Australia, India and other regional countries.

Themed "Hysterectomy and Managing Complications in Minimally Invasive Surgery", the congress focused on the minimally invasive access hysterectomy and covered various aspect including techniques in conventional laparoscopic, robotic and single port hysterectomy, surgical approaches and avoiding complications in performing hysterectomy for complex benign gynaecological conditions (frozen pelvis, endometriosis, bulky uterus) as well as touch on hysterectomy and lymphadenectomy in surgical gynaecology and controversies or topics of interest surrounding hysterectomy or conditions that necessitate hysterectomy. One of the highlights of the event was the animal workshop led by Prof Fidel Vale as the Chief Instructor, who is the Director of the Residency Program in Department of OBGYN from Duke University School of Medicine.



Opening speech by Prof Tan Kok Hian

3 to 4 November 2014 - 2nd SOCRATES Scientific Meeting 2014

The Society Of Clinical Research and Translation of Extracellular Vesicles Singapore (SOCRATES) aims to promote research and translation of extracellular vesicles (EV) in Singapore. The 2nd SOCRATES Scientific Meeting organised in by OBGYN ACP and A*STAR featured 12 distinguished overseas and local speakers. Topics on Stem Cell-based Regenerative Medicine: Cells versus EVs, Stem Cell EVs in Disease Models and Stem Cell EVs: Isolation, Analysis, Manufacture, Safety and Regulatory Challenge were discussed. It has attracted more than 45 participants and experts of the field.

13 to 14 February 2015 - Gynecological Laparoscopy and Surgical Complication Management Training Program (Basic & Advance)

An ACP program grant (Education Support) was approved for OBGYN ACP to provide a platform for education and training in laparoscopy and surgical complications management for trainees and surgeons of a wide range of surgical and laparoscopic competency. This is in line with the vision of Academic Medicine in improving clinical outcomes. The goal of the committee led by Adj Assoc Prof

Bernard Chern is to establish SingHealth Duke-NUS OBGYN ACP as the leading institution for Gynaecological Laparoscopy and Surgical Complication Management Training Program in Singapore and the region.

The inaugural workshop – Basic Laparoscopy & Complication Management Workshop has received an encouraging

response from local and overseas trainees. It made up of animal workshop and dry lab workshop. Teaching faculty from different specialties came together to teach the participants on laparoscopic and hysteroscopic techniques and management of surgical complications through multiple modalities including lectures, dry lab and animal-model hands-on training.



Group photo taken during the event

MOH FY2014 Health Services Development Program (HSDP) Grant

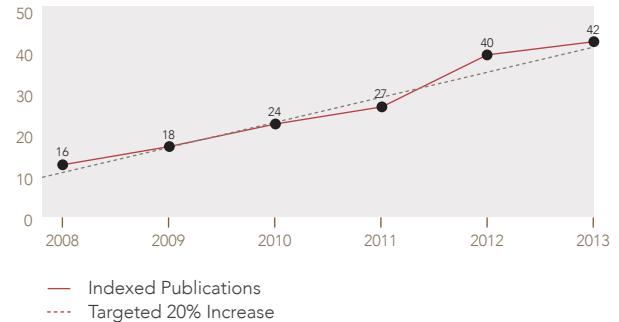
The HSDP Grant aims to develop new medical capabilities and clinical services through the funding of new cutting-edge medical technologies or new sustainable model of clinical care. 'Pioneering the Development of No-Invasive Prenatal Testing (NIPT) Service in Singapore' leading by Adj Prof George Yeo is the only project awarded the grant out of the 9 proposals submitted from SingHealth. This project involved both OBGYN clinicians from KKH and SGH.

RESEARCH

**OBGYN ACP Research Grant & Commercial Trial Contract
(Annualised across grant trial period)**



OBGYN ACP Indexed Publications



Research Highlights

Singapore Preconception Study of Long-term Maternal and Child Outcomes (S-PRESTO)

Recent findings show the importance of pre-conceptual health and peri-conceptual nutrition for pregnancy outcomes such as gestational length, birth size, and offspring health. It is now evident that there is a potentially important clinical window for the induction of relevant epigenetic signals occurring both before and soon after conception that was not investigated. These considerations underscore the urgent need for studies of peri-conceptual nutrition in Asia. The approach is critical for the establishment of effective prevention studies since the influences of maternal health on offspring

phenotype can occur very early in development prior to any contact with obstetric health services.

The study aims to test the following primary hypothesis: That nutrition, lifestyle, and maternal emotional health prior to pregnancy and/or during the first trimester alter the expression of metabolic or neurodevelopmental endophenotypes with accompanying effects on the epigenome/transcriptome of the offspring.

In this prospective preconception cohort study, 900 women who plan to get pregnant will be recruited and they will be assessed metabolically, nutritionally and epigenetically, then monitored them from their first missed menses with nutritional surveys and assays and repeated

bio-sampling to birth followed by assessment in the women of lactation and lactational nutrition. Epigenetic analyses will be done on the cord and placenta at birth and in buccal smears at frequent postnatal intervals. Phenotypic measures of body composition and core neurodevelopmental measures will be followed in the offspring until 2 years of age.

The OBGYN Faculty involved in the study are Assoc Prof Jerry Chan, Prof Kenneth Kwek, Adj Assoc Prof Bernard Chern, Adj Assoc Prof Tan Heng Hao, Adj Prof George Yeo, Adj Prof Tan Kok Hian and Adj Asst Prof Ang Seng Bin. The study is conducted in collaboration with Singapore Institute for Clinical Sciences (SICS, A*STAR) and National University Hospital (NUH).

Clinical and Translational Research in Endometriosis

Endometriosis affects 6 to 10% of women, and 50% of the affected group presenting with infertility. The pathophysiology has not been well studied.

The executive committee of the grant led by Adj Assoc Prof Bernard and Dr Peter Barton Smith aims to utilize the fund to establish an Endometriosis research network for clinical and translational research. It enables a multi-disciplinary approach to define epidemiology, develop understanding of its pathophysiology and derive biomarkers for diagnosis and monitoring purpose. The funding will be used to establish outcome-linked clinico-pathological database or bio-repository, including prospective recruitment, rigorous phenotyping of cases, tissue banking and longitudinal assessment of clinical outcomes in pain and fertility.

Preclinical Studies in Intrauterine Gene Therapy and Haemopoietic Stem Cell Therapy in a Non-human Primate Model

Extensive research has been done in trying to determine the efficacy and immune responses of adeno-associated viral vector (AAV)-mediated intrauterine gene transfer (IUGT) in both early and late gestation. Aside from varying the timepoints of IUGT, a few serotypes of AAV have also been tried out, along with differentiating both sites and methods of delivery. Hypothetically, it is believed that intervention in early gestation affords the benefits of immune tolerance, as there is a fetal immune system is still immature. Also, the small size of the fetus gives the

added advantage of achieving a higher vector to cell ratio, which is hoped to be more effective. Infant NHPs are hand-reared and show no abnormal developmental characteristics. More in-depth studies will have to be conducted to determine the safety profile of this proposed treatment which, once developed, will contribute greatly to the treatment of a variety of single-gene disorders worldwide.

The principal investigator, Assoc Prof Jerry Chan Kok Yen (Senior Consultant, Department of Reproductive Medicine; Director, KK Research Centre – KKH) received an award from the National Medical Research Council (NMRC) to support the research for a period of 3 years up to November 2015.

Selected Publications:

1. Lee YH, Tan CW, Venkatratnam A, Tan CS, Cui L, Loh SF, Griffith L, Tannenbaum SR, **Chan JK**. Dysregulated sphingolipid metabolism in endometriosis. *Journal of Endocrinology and Metabolism*. 2014 Oct;99(10): e1913-e1921. (JIF: 6.310)
2. Tan CW, Lee YH, **Tan HH, Lau MS, Choolani M, Griffith L, Chan JK**. CD26/DPPIV down-regulation in endometrial stromal cell migration in endometriosis. *Fertility and Sterility*. 2014 Jul;102(1):167-177. (JIF: 4.295)

3. **Tan KH**, Sim Tan S, Sze S, **Ryan Lee W, Jack Ng M**, Kiang Lim S. Plasma biomarker discovery in preeclampsia using a novel differential isolation technology for circulating extracellular vesicles. *American Journal of Obstetrics and Gynecology*. 2014 Oct;211(4):380.e1-380.e13 (JIF: 3.800)

4. Dighe N, Khoury M, Mattar C, Chong M, Choolani M, Chen JK, Antoniou MN, **Chan JK**. Long-term reproducible expression in human fetal liver hematopoietic stem cells with a UCOE-based lentiviral vector. *Journal of Endocrinology*. 2014 Aug 12; 9(8):1.e104805-8.e104805 (JIF: 3.534)

5. Fan Y, Marcy G, Lee ES, Rozen S, Mattar CN, Waddington SN, Goh EL, Choolani M, **Chan JK**. Regionally-Specified Second Trimester Fetal Neural Stem Cells Reveals Differential Neurogenic Programming. *PLOS ONE*. 2014 Sept;9(9):1.e105985-12.e105985 (JIF: 3.534)

6. Saraswat L, Ashok PW, **Mathur M**. Medical management of miscarriage. *The Obstetrician & Gynaecologist* 2014;16(2):79–85 (JIF: 3.437)

7. Salomon LJ, Alfirevic Z, Audibert F, Kagan KO, Paladini D, **Yeo GSH**, Raine-Fenning N, and on behalf of the ISUOG Clinical Standards Committee. ISUOG consensus statement on the impact of non-invasive prenatal testing (NIPT) on prenatal ultrasound practice. *Ultrasound Obstet Gynecol*. 2014; 44: 122–123 (JIF: 3.140)

8. Ling LP, **Phoon JW, Lau MS, Chan JK, Viardot-Foucault V, Tan TY, Nadarajah S, Tan HH**. GnRH agonist trigger and ovarian hyperstimulation syndrome: relook at 'freeze-all strategy'. *Reproductive BioMedicine Online*. 2014 Jun;29(3):392-394 (JIF: 2.980)
9. Chong MF, Wong JX, Colega M, Chen LW, van Dam RM, Tan CS, Lim AL, Cai S, Broekman BF, Lee YS, Saw SM, **Kwek K, Godfrey KM, Chong YS, Gluckman P, Meaney MJ, Chen H**; GUSTO study group. Relationships of maternal folate and vitamin B12 status during pregnancy with perinatal depression: The GUSTO study. *Journal of Psychiatric Research*. 2014 Aug;55:110-116 (JIF: 2.682)
10. Chong YS, Cai S, Lin H, Soh SE, Lee YS, Leow MK, Chan YH, Chen L, Holbrook JD, **Tan KH, Rajadurai VS, Yeo GSH, Kramer MS, Saw SM, Gluckman PD, Godfrey KM, Kwek K**; GUSTO study group. Ethnic differences translate to inadequacy of high-risk screening for gestational diabetes mellitus in an Asian population: a cohort study. *BMC Pregnancy and Childbirth*. 2014 Oct 2;14(345):1-7 (JIF:2.150)
11. Lim WY, Lee YS, Tan CS, **Kwek K, Chong YS, Gluckman PD, Godfrey KM, Saw SM, Pan A**. The association between maternal blood pressures and offspring size at birth in Southeast Asian women. *BMC Pregnancy & Childbirth*. 2014 Dec 2;14(403):1-10 (JIF: 2.150)
12. Chong Y, Chan M, **Tan HH, Nadarajah S**. Human embryo cryopreservation: one-step slow freezing does it all?. *Journal of Assisted Reproduction and Genetics*. 2014 Jul;31(7):921-925 (JIF: 1.772)
13. **Tay S**, Cheong M. Evidence for ethnic and environmental contributions to frequency of ovarian clear cell carcinoma. *Australian and New Zealand Journal of Obstetrics and Gynaecology*. 2014 Jun;54(3):225-230 (1.620)
14. Tan LS, Chio MT, Sen P, **Lim YK, Ng J, Ilancheran A, Low JJ, Yeoh YS, Chan RK, Luo N**. Assessment of psychosocial impact of genital warts among patients in Singapore. *Sex Health*. 2014 Sep;11(4):313-318 (JIF: 1.576)
15. **Ong XH, Koh E, Yong KL**. Single-port access laparoscopic re-staging with bilateral salpingo-oophorectomy and bilateral pelvic lymph node dissection for endometrial cancer. *Journal of Minimally Invasive Gynecology Case Reports*. 2014 Aug;3(3):97-99 (JIF: 1.575)
16. **Lee JM**, Huang CY, Wu KY, Yen CF, **Chern BSM**, Lee CL. Novel technique of neovagina creation with uterine serosa in the treatment of vaginal agenesis associated with mullerian agenesis. *Journal of Minimally Invasive Gynecology*. 2014 May; 3(2):50-53 (JIF: 1.575)
17. **Ong XH, Mathur M, Kew C, Chern BSM**. Surgical management of cesarean scar pregnancies – A single tertiary experience. *Journal of Minimally Invasive Gynecology*. 2014 Aug; 3(3):82-88 (JIF: 1.575)
18. **Ng QJ, Abdul Rahman MF**, Lim ML, Chee JJ, **Tan KH**. Single versus combination tocolytic regimen in the prevention of preterm births in women: a prospective cohort study : *Journal of Perinatal Medicine*. 2014 Nov 1. [Epub ahead of print] (JIF: 1.425)
19. **Ee TX**, Allen JC Jr, Malhotra R, Koh H, Østbye T, **Tan TC**. Determining optimal gestational weight gain in a multiethnic Asian population. *The Journal of Obstetrics and Gynaecology Research*, 2014 Apr;40(4):1002-1008 (JIF: 1.221)
20. **Viardot-Foucault V**, Tai BC, Prasath EB, **Lau MS, Chan JK**, Loh SF. Younger women with ovulation disorders and unexplained infertility predict a higher success rate in superovulation (SO) intrauterine insemination (IUI). *Ann Acad Med Singapore*. 2014 Apr;43(5):225-231 (JIF: 1.221)

EDUCATION

EDUCATION FOR CALENDAR YEAR 14	KKH & SGH
Number of Clinicians holding Faculty Appointments or Academic Title	61
Number of Students of YLL SoM	235
Number of Students of Duke-NUS GMS	54
Number of OBGYN Residents	46
Number of Basic Specialist Trainees (BST)	4
Number of Advanced Specialist Trainees (AST)	11

Teaching Enhancement Grant (TEG) for Project Titled 'Enhancing Learning Approaches of Medical Students from YLL SoM and Duke-NUS GMS

The Centre for Development of Teaching and Learning, National University of Singapore administered the TEG which provides monetary support for education research projects that intended to promote reflective and outcome-based teaching and learning. The grant was awarded to the principal investigator, Assoc in Education Dr Sonali Chonkar together with co-principal investigator, Adj Prof Tan Kok Hian who undertook the project to enhance learning approaches among YLLSOM and Duke-NUS medical students and to reduce the incidence of surface learning approach from 10% to less than 5% at the end of three years. From OBGYN ACP pilot study using The Approaches and Study Skills Inventory for Students (ASSIST) questionnaire involving 160 medical students, the study found that 10% of them subscribe to surface

learning approach (routine memorizing) as dominant learning approach. The grant will be utilized to produce an instructional video to share best practices in learning and enhance the students' learning strategies for greater academic and clinical success. Besides that, part of the fund will be used to administer ASSIST surveys at the end of posting to gauge the success, effectiveness and impact of the video on student's learning. The project hypothesizes that the students would report greater shift to deep or strategic learning approaches and hence will perform better academically.

Duke-NUS Faculty Retreat

Assoc Prof Tan Thiam Chye, Clerkship Coordinator introduced the Longitudinal Integrated Curriculum (LIC) with 6 students in the pilot programme. Assoc in Education Dr Sonali Chonkar (Deputy Coordinator) and Adj Instructor Dr Kathirvel Rajeswari will spearhead the project. Students would be immersed throughout the whole year instead of learning in modular blocks which will help

to retain and integrate their knowledge better. Overall, the entire batch did well with a total of 19 Honours and 33 High Passes. The students commended GMS clinic as a great learning clinic. A successful pilot run of Duke-NUS e3 (Enhanced Elective Experience) electives in students' research year was also implemented to increase the students' clinical exposure and allow them more opportunities to engage the faculty to better prepare themselves for Residency.



Brainstorming session during retreat



Lee Kong Chian Medicine Team-based Learning (TBL)

Under the leadership of Clerkship Lead Adj Assoc Prof Tan Heng Hao and Deputy Lead Adj Asst Prof Matthew Lau, 19 KKH O&G doctors were involved in preparation of application exercises and MCQ questions for LKCMedicine. There were 8 TBL sessions in late January to mid-February and the topics range from Menstrual Cycle & Fertility, Urinary Incontinence, Normal Pregnancy and Fetal Growth. Our KKH content experts taught at Mandalay Campus (Novena) and NTU Yunnan campus respectively.

YLL SoM Clerkship and Electives

Student ratings were consistently above 4.2/5 during the M4 postings. A total of 26 students undertook M4 electives with KKH and SGH supervisors. During the Appreciation for Clinical Teachers event on 17 October, awards were given to our doctors for their excellent teaching. KKH Department of O&G winners of Dean's Award for Teaching Excellence AY13/14 (Adjunct) are Adj Asst Prof Suzanna Sulaiman and Adj Asst Prof Manisha Mathur; winner of Dean's Award for Teaching Excellence AY12/13 (CFS) is Assoc in Education Dr Sonali Chonkar and Role Model Certificate of Commendation was awarded to Adj Asst

Prof Timothy Lim, Adj Asst Prof Shephali Tagore and Dr Joella Ang. SGH Department of O&G winners of Dean's Award for Teaching Excellence AY13/14 (Adjunct) are Adj Assoc Prof Devendra Kanagalingam and Dr Jason Lim, while Role Model Certificate of Commendation was awarded to Adj Assoc Prof Tan Lay Kok and Dr Jason Lim.

ReLOT Workshop

OBGYN Residents Dr Celene Hui and Dr Janice Tung initiated the first Resident-Led O&G Teaching (ReLOT) with a small focused interactive workshop for medical students to prepare them for an Obstetrics and Gynecology internship.

The workshop format developed was a 3-hour interactive session for a small group of 7 students. Digital media was used to create an interesting movie-themed role-play walk-through of commonly encountered case scenarios in the obstetrics and gynecology wards. Content focused on recognizing emergencies, providing informed consent, communication tools, and ensuring patient safety. The workshop was well-received and would be continued for future batches. The residents who organized this workshop have also started a new initiative to provide a similar interactive teaching workshop for house officers. A grant has been offered annually by AM•EI.

1. SingHealth Duke-NUS OBGYN ACP

NAME	DESIGNATION
Adj Assoc Prof Chern Su Min Bernard	Academic Chair
Adj Assoc Prof Tan Hak Koon	Deputy Academic Chair
Adj Prof Yeo Seow Heong George	Academic Vice Chair, Research
Adj Prof Ho Tew Hong	Academic Vice Chair, Education
Adj Assoc Prof Tee Chee Seng John	Academic Deputy Vice Chair, Education
Chun Lye Har Joyce	Asst Director, ACP Finance
Ng Mor Jack	Asst Manager
Lin Enyu Evelyn	Asst Manager, ACP Finance
Chin Wai Tieng	Executive
Lim Li Shan Melissa	Executive
Kam Limin	Executive
Tey Wan Shi	Executive
Choo Si Yi	Clinical Research Coordinator
Loh Xinyi	Clinical Research Coordinator
Zheng Jiayun	Clinical Research Coordinator
Neo Siew Shih Cherise	Senior Account Asst

2. Education

I) SingHealth Obstetrics and Gynecology Residency Program

NAME	DESIGNATION
Adj Assoc Prof Chern Su Min Bernard	Program Director
Adj Asst Prof Manisha Mathur	Associate Program Director (KKH Campus)
Adj Assoc Prof Tan Lay Kok	Associate Program Director (SGH Campus)
Adj Assoc Prof Yam Kwai Lam Philip	Program Core Faculty (KKH Campus)
Adj Asst Prof Khoo Chong Kiat	
Adj Asst Prof Shephali Tagore	
Adj Asst Prof Lau Sie Kuei Matthew	
Adj Instructor Dr Tan Toh Lick	

Adj Instructor Dr Wong Wai Loong	Program Core Faculty (KKH Campus)
Assoc Prof Chan Kok Yen Jerry	
Adj Assoc Prof Tan Heng Hao	
Dr Tan Yu Fen Pamela	
Adj Assoc Prof Devendra Kanagalingam	Program Core Faculty (SGH Campus)
Adj Asst Prof Tan Wei Ching	
Huang Linghui Belinda	Senior Program Executive
Ang Yiqian Felicia	Program Executive
Lim Wei Sian Felicia	Program Executive

II) Duke-NUS Graduate Medical School OBGYN Clerkship

NAME	DESIGNATION
Adj Assoc Prof Chern Su Min Bernard	OBGYN Program Leader
Assoc Prof Tan Thiam Chye	Program Coordinator
Assoc in Education Dr Sonali Prashant Chonkar	Deputy Program Coordinator
Toh Bee Ling	Senior Executive
Yap Mei Hsien Mabel	Clinical & Faculty Affairs Admin Asst
Nur Edaliza Osman	

III) Yong Loo Lin School of Medicine OBGYN Clerkship

KKH

NAME	DESIGNATION
Adj Asst Prof Khoo Chong Kiat	Program Coordinator
Adj Asst Prof Manisha Mathur	Deputy Program Coordinator
Lim Li Shan Melissa	Executive

SGH

NAME	DESIGNATION
Adj Assoc Prof Devendra Kanagalingam	Program Coordinator
Adj Assoc Prof Yong Tze Tein	Deputy Program Coordinator
Geetha D/O Arumuga Vandayar	Administrative Assistant

VI) Lee Kong Chian School of Medicine OBGYN Clerkship

NAME	DESIGNATION
Adj Assoc Prof Tan Heng Hao	Clerkship Lead
Adj Asst Prof Lau Sie Kuei Matthew	Clerkship Deputy Lead
Lim Li Shan Melissa	Executive

3. SingHealth & Duke-NUS

I) Joint Office of Academic Medicine (JOAM)

NAME	DESIGNATION
Adj Prof Tan Kok Hian	Group Director, Academic Medicine, SingHealth Senior Associate Dean, Academic Medicine, Duke-NUS
Foo Suan Jong	Director
Maung May Lay Katheryn	Deputy Director

II) Academic Medicine Education Institute (AM·EI)

NAME	DESIGNATION
Prof Robert Kamei	Group Director
Prof Lim Shih Hui	Co-Director

III) Academic Medicine Research Institute (AMRI)

NAME	DESIGNATION
Prof Wong Tien Yin	Head
Prof Ecosse Lamoureux	Deputy Executive Director

4. Faculty of OBGYN ACP

I) KK Women's and Children's Hospital

A) Division of O&G

NAME	DESIGNATION
Adj Assoc Prof Chern Su Min Bernard	Chairman & Senior Consultant
Adj Prof Tan Kok Hian	Senior Consultant
Adj Assoc Prof Tee Chee Seng John	Senior Consultant

Adj Prof Ho Tew Hong	Chief of Gynaecology & Senior Consultant
Adj Prof Yeo Seow Heong George	Chief of Obstetrics & Senior Consultant
Adj Asst Prof Tan Kim Teng	Senior Consultant
Anthonette Delos Santos	Clinical Associate
Cirlynn Beltran Arenas	Clinical Associate
Ereso Genalyne Alavado	Clinical Associate
Marydith Faith Francisco Velasquez	Clinical Associate
Munirathinam Reddy Vasundra Devi	Clinical Associate
Nerrisa Zapanta Alilin	Clinical Associate
Lim Boon Heng Bryan	Manager
Ong Phei Hong	Senior Executive
Toh Guat Nee Liam	Senior Secretary
Low Siok Eng Fiona	Admin Asst
Lim Teck Wee	Admin Asst

B) Department of Gynaecological Oncology

NAME	DESIGNATION
Adj Asst Prof Lim Yong Kuei Timothy	Head & Senior Consultant
Adj Assoc Prof Yam Kwai Lam Philip	Senior Consultant
Adj Asst Prof Lim Sheow Lei	Consultant
Adj Asst Prof Chin Pui See Janice	Consultant
Adj Asst Prof Koh Poh Kim Elisa	Consultant
Adj Instructor Dr Wong Wai Loong	Assoc Consultant
Adj Instructor Dr Leera Aggarwal	Assoc Consultant
Choo Joo Chin Annie	Senior Secretary

C) Department of Maternal Fetal Medicine

NAME	DESIGNATION
Adj Prof Yeo Seow Heong George	Chief of Obstetrics; Head & Senior Consultant, Obstetrics Ultrasound & Prenatal Diagnostic Unit
Adj Prof Kwek Yung Chiang Kenneth	Chief Executive Officer; Senior Consultant
Dr Lai Fon Min	Head of Antenatal Risk Assessment Unit; Visiting Consultant
Adj Asst Prof Shephali Tagore	Director, International Medical Program; Head & Senior Consultant, Peripartum Unit
Adj Asst Prof Thia Wee Hong Edwin	Consultant
Dr Tan Kai Lit	Consultant
Dr Wright Ann Margaret	Consultant
Low Poh Hoon Esther	Senior Manager
Nicole Lee Kim Luan	Asst Manager
Liew Sin Yi Cindy	Senior Secretary
Moe Thiha	Clinical Research Coordinator
Norain Bte Kassim	Clinical Research Coordinator
Nurul Syaza	Clinical Research Coordinator
Nyo Mie Win	Clinical Research Coordinator
Halimah Binte Ibrahim	Clinical Research Coordinator
Chan Hong Heng	Medical Technologist

D) Department of O&G

NAME	DESIGNATION
Adj Assoc Prof Chern Su Min Bernard	Head & Senior Consultant
Adj Asst Prof Tan Vic Khi June	Senior Consultant
Adj Asst Prof Khong Chit Chong	Senior Consultant
Adj Asst Prof Mariamma George	Senior Consultant
Assoc Prof Tan Thiam Chye	Senior Consultant

Adj Asst Prof Khoo Chong Kiat	Consultant
Adj Asst Prof Suzanna Sulaiman	Consultant
Adj Asst Prof Manisha Mathur	Consultant
Adj Instructor Dr Lee Jiah Min	Consultant
Adj Instructor Dr Tan Toh Lick	Consultant
Dr Wee Wei-wei Stekly	Consultant
Dr Hong Sze Ching	Consultant
Adj Instructor Dr Kathirvel Rajeswari	Assoc Consultant
Associate in Education Dr Sonali Prashant Chonkar	Senior Staff Registrar
Dr Pandian Radha	Senior Staff Registrar
Dr Smita Lakhotia	Senior Staff Registrar
Dr Anju Bhatia	Senior Staff Registrar
Dr Karuna Mary Lionel	Senior Staff Registrar
Dr Pramanick Angsumita	Senior Staff Registrar
Dr Priya Sharmilee Chandrakanthan	Staff Registrar
Dr Shahul Hameed Mohamed Siraj	Staff Physician
Dr Yash Boricha	Resident Physician
Dr Khoo Shiang Pyng Tiffanie	Resident Physician
Mohamed Yazid	Executive
Ang Lay Teng Jesslyn	Clinical Coordinator
Xiong Xi Sheila	Admin Asst
Lim Hwee Theng Irene	Admin Asst
Lee Hock Ann Alvin	Admin Asst
Noridahyati Binti Suhaimi	Admin Asst

E) Department of Reproductive Medicine

NAME	DESIGNATION
Adj Assoc Prof Tan Heng Hao	Head & Senior Consultant
Adj Asst Prof Sadhana Nadarajah	Director, IVF; Senior Consultant

Assoc Prof Chan Kok Yen Jerry	Senior Consultant; Director, KK Research Centre
Adj Asst Prof Lau Sie Kuei Matthew	Consultant
Adj Asst Prof Viardot-foucault Veronique Celine	Consultant
Adj Asst Prof Teo Boon Li Steven	Consultant
Dr Phoon Wai Leng Jessie	Consultant
Dr Tan Tse Yuen	Assoc Consultant
Lim Ee Lyn	Executive
Ng Xiang Wen	Clinical Research Coordinator
Khoo Su Ling Charmaine Ann	Clinical Research Coordinator

F) Department of Urogynaecology

NAME	DESIGNATION
Adj Assoc Prof Han How Chuan	Head & Senior Consultant
Wong Ah Chun Judy	Senior Secretary
Peh Sin Ee Jolene	Clinical Research Coordinator

II) Singapore General Hospital

A) Department of O&G

NAME	DESIGNATION
Adj Assoc Prof Tan Hak Koon	Head & Senior Consultant
Adj Prof Ng Sen Ark Charles	Emeritus Consultant
Adj Prof Ho Tew Hong	Advisor
Adj Prof Tay Sun Kuie	Senior Consultant
Adj Assoc Prof Devendra Kanagalingam	Senior Consultant
Adj Assoc Prof Tan Lay Kok	Senior Consultant
Adj Assoc Prof Yu Su Ling	Senior Consultant
Adj Assoc Prof Yong Tze Tein	Senior Consultant
Adj Asst Prof Chew Ghee Kheng	Senior Consultant
Adj Asst Prof Dr Chua Hong Liang	Senior Consultant
Adj Asst Prof Tan Wei Ching	Senior Consultant

Dr Peter Barton-Smith	Senior Consultant
Adj Asst Prof Hemashree Rajesh	Consultant
Adj Asst Prof Tan Eng Loy	Consultant
Dr Jason Lim Shau Khng	Assoc Consultant
Dr Ravichandran Nadarajah	Assoc Consultant
Dr Renuka Devi	Service Registrar
Dr Helen Barton-Smith	Service Registrar
Liam Lay Peng Christine	Senior Secretary

5) Basic Specialist Trainees

S/N	NAME
1	Dr Goh Siak Ming
2	Dr Shilla Mariah Yussof

6) Advanced Specialist Trainees

S/N	NAME
1	Dr Chin Hui Xian Felicia
2	Dr Koh Seow Choon Daniel
3	Dr Geetha Visvalingam
4	Dr Kazila Bhutia
5	Dr Khoo Wan Yu Freda
6	Dr Lim Liqing Serene
7	Dr Tan Wei Keat Andy
8	Dr Lee Wai Yen
9	Dr Sim Wen Shan
10	Dr Wang Junjie
11	Dr Yang Liying

OUR PIONEER MEDICAL RESEARCH & ADVANCES

- 1 Pioneered in-vitro fertilisation (IVF) research in Asia, producing the region's first IVF baby and first Gamete Intra-Fallopian Transfer (GIFT) baby.
- 2 Performed Singapore's first IVF treatment and live birth for a patient with ovarian cancer
- 3 Invented a new procedure to create an artificial vagina for women born without a vagina (Sheares Operation).
- 4 Conducted Asia's only human papilloma virus (HPV) vaccine trial FUTURE II Study – a worldwide trial on a vaccine that is now widely used to protect women against cervical cancer.
- 5 Partnered the global MAGPIE trial, establishing Magnesium Sulphate as the gold standard of care for treatment of hypertension in pregnancy (pre-eclampsia).

HOW YOUR GIFT CAN CHANGE MEDICAL SCIENCE

When you give to the OBGYN Academic Clinical Program, your gift helps to develop better methods to predict, prevent and treat disease, and prepare the next generation to lead in research that improves medical care.

Professor Tan Kok Hian and his team discovered potential new biological markers that can identify women at risk of pre-eclampsia (high blood pressure) during pregnancy. This helps doctors to provide early intervention for the safety of the mother and baby.

MAKING A GIFT

Contribution form

My gift is in support of the OBGYN Academic Clinical Program (ACP) for Research & Education Programmes.

Name of Donor: _____

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Date of birth: _____ Contact number: _____

Email: _____

I am

- An individual donor [NRIC/FIN number: _____]
(required for Singapore residents, for auto-inclusion of donations in IRAS assessment)
- A corporate donor [UEN: _____]
(required for auto-inclusion of tax deduction in your corporate tax return)

My gift

- A **monthly** gift of S\$ _____ for _____ months
- A **one-time** gift of S\$ _____

Payment method

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(please make the cheque payable to '**NUS**'; and pen '**OBGYN ACP**' on the back of the cheque along with your contact details)
- Credit card type: Visa MasterCard American Express
- Card number: _____
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Signature: _____ Date: _____

- I do not wish to be identified as the donor of this gift in KKH/Sing-Health/Duke-NUS/NUS publicity materials.

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c/o Corporate Communications
KK Women's and Children's Hospital
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Singapore 229899

HELP US **CHANGE** WOMEN'S LIVES



Research helps us change the lives of women and give them and their babies a healthy future. You can help to:

- Translate medical breakthroughs into cures
- Fund programmes to improve care
- Shape the next generation of leaders in healthcare

Obstetrics & Gynaecology (or OBGYN, O&G) relates to the care of women in pregnancy and delivery (obstetrics) and the care of women's diseases (gynaecology).

7) SingHealth OBGYN Residency Program

I) Year 2011 Intake

S/N	NAME
1	Dr Chua Ka-Hee
2	Dr Chuah Theng Theng
3	Dr Ho Weng Yan
4	Dr Huang Youjin Eugene
5	Dr Jung Jingjin Jacqueline
6	Dr Koh Meiling Serena
7	Dr Lee Cheng Sim Jill
8	Dr Lee Wai Kheong Ryan
9	Dr Lim Hui Ping Michelle
10	Dr Seet Meei Jiun
11	Dr Tan Shu Qi
12	Dr Thain Pei Ting Serene
13	Dr Tung Su Zhen Janice

II) Year 2012 Intake

S/N	NAME
1	Dr Ee Tat Xin
2	Dr Foo Anqi Sharon
3	Dr Ho Ping Ling
4	Dr Hui Yan Yan Celene
5	Dr Kho Chye Lee Lily
6	Dr Koe Suan-Li Liana
7	Dr Lim Yu Hui
8	Dr Muhammad Fairuz B Abdul Rahman
9	Dr Ng Xin Hui Ada
10	Dr Qi Maili
11	Dr Sau Poyi
12	Dr Wan Kai Jing
13	Dr Yeo Rachel Mei-E Samantha

III) Year 2013 Intake

S/N	NAME
1	Dr Ang Xiao Hong Joella
2	Dr Lim Ee-Lin Sheri
3	Dr Ho Xin Yi
4	Dr Li Xin Yi
5	Dr Mok Zhun Wei
6	Dr Ng Zheng Yuan
7	Dr Tan Chiew Ping Caroline
8	Dr Tan Wan Chin Julia
9	Dr Wong Ker Yi
10	Dr Yip Swee Lin

IV) Year 2014 Intake

S/N	NAME
1	Dr Chua Hui Kiang Angeline
2	Dr Goh Shu Ying Charissa
3	Dr Ku Chee Wai
4	Dr Lee Jia Yi
5	Dr Lim Whui Whui
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7	Dr Ng Qiu Ju
8	Dr Ng Yang Huang Grace
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10	Dr Tong, Carmen

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