1. **Strategic Map**

**Department of Obstetrics and Gynecology**

- **Excellent unit at an international level**
  - S1. Qualified graduates
  - S2. Popular medical institute
  - S3. High-impact researches
  - S4. International standard clinical service

- **Stakeholder perspective**
  - I1. Develop curriculum to meet international standard
  - I2. Quality assurance in medical education
  - I3. Networking with local and international institute
  - I4. Administration for an effective research management
  - I5. Promote basic science research
  - I6. Clinical services at international levels

- **Internal process perspective**
  - F1. Effective resource management

- **Financial perspective**
  - L1. Develop and maintain high-potential personnels
  - L2. Learning institute
  - L3. Evaluation system
  - L4. Medical informatics

- **Learning and growth perspective**

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**Department of Obstetrics and Gynecology**

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- **Website**
  - http://www.si.mahidol.ac.th/th/department/obstetrics_gynecology
2. Performance on Education

2.1 Medical degree program

We provide courses for the 3rd - 6th medical students. At the Learning Center in the Division of Medical Education, live-size models have been incorporated into this undergraduate training, with one-on-one supervision whenever possible. Active learning is encouraged to develop the skill for continuous and live-long education.

The Department is also responsible for basic knowledge in maternity care for 4th year student of Bachelor of Science in Applied Thai Traditional Medicine, Faculty of Medicine Siriraj Hospital.

2.2 Residency and fellowship program

The residency training program is of 3 years in length, with a total of 41 house staffs. We also have 1 Bhutanese trainee enrolled in the program. The house staff have been assigned to an individual mentor for a better supervision. Our first Bhutanese resident has recently received certificate from the Royal Thai College of Obstetricians and Gynecologists this year. She is currently practicing in her home country.

Subspecialty fellowship trainings are available in maternal-fetal medicine, gynecologic oncology, reproductive medicine, and gynecologic pathology. 
To enhance the learning experiences, departmental conferences have been re-arranged to clinical practice guideline (CPG), morbidity, and general obstetrics and gynecology themes. Training of advanced procedures such as fetoscopy or gynecologic endoscopy was performed on the sophisticated, yet economical, models, available at the Division of Maternal-Fetal Medicine and Division of Gynecologic Endoscopy.

3. Performance of Academic Service

3.1 Invited speaker

3.1.1 National level 181 times
3.1.2 International level 7 times

3.2 Organized meeting and conference

3.2.1 scientific conference 1 time
3.2.2 workshop 4 times

3.3 Diploma programs in assisted reproductive technologies are available through short courses provided by Division of Infertility. Visitors from abroad were welcomed at the Division of Maternal-Fetal Medicine, Infertility, Sexually-Transmitted Disease, etc. International training positions are also available at Thai-German Endoscopic training centers.

4. Performance on Clinical Service

As a comprehensive Women Center, Department of Obstetrics and Gynecology provides both therapeutic and health promotion programs. Our busy clinics served 103,120 out-patient and 21,454 in-patient visits in the year 2010. In conjunction with Department of Forensic Medicine, Department of Psychiatry, and Department of Pediatrics, a multidisciplinary care is offered to women suffered from sexual assault. Division of Gynecologic Endoscopy.
Oncology provided holistic management for cancer patients during the treatment courses has been organized accordingly to latest medical evidence. Emphasis has been made on psychic and spiritual supports, especially in the end of life.

Fully digital workflow is implemented in the Division of Maternal-Fetal Medicine. A wide array of minimally invasive fetal surgeries has also been offered by the Division. Division of Gynecologic Endocrinology provided a guidebook for patients with pelvic endometriosis. It also offers comprehensive care for menopausal individuals. The Division of Urogynecology has been fully established, with a number of projects to treat degenerative conditions related to relaxation of female pelvic floor.

5. Performance of Research

5.1 National level 12 articles
5.2 International level 14 articles

Of these, one of the outstanding publications was the report of deriving high quality stem cells from amniotic fluid for therapeutic purposes from the Division of Stem Cell in conjunction with Division of Infertility.

6. Performance of Innovation/Project/ Rewards

Division of Cytology boasted the novel technique of Siriraj liquid-base cytology as an effective and affordable screening for cervical cancer. Our patented fetoscopic surgical simulator has been created to facilitate the training of in utero surgery.