



Dr Erlich Sem

BMBS, MD, FRANZCOG (QLD)
**Advanced Robotic and
Laparoscopic Surgeon,
Obstetrician and
Gynaecologist**

**Dr Erlich Sem specialises in
minimally invasive approach for:**

- Hysterectomy
- Myomectomy
- Excision of Endometriosis with preservation of pelvic organs
- Ovarian Cystectomy/
Oophorectomy
- Division of Adhesion
- Pelvic Organ Prolapse Repair

**To arrange an appointment
with Dr Erlich Sem, contact:**

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Robotic Surgery: Gynaecology

A Fact Sheet by Dr Erlich Sem



Leading Gold Coast Private Obstetrician and Gynaecologist Dr Erlich Sem provides the most up-to-date Robotic Surgical options for patients with Gynaecological conditions, including:

- Endometriosis
- Tubal Reanastomosis
- Colpopexy with hysterectomy
- Myomectomy

What are the benefits of Robotic Surgery?

The system allows the surgeon's hand movements to be scaled, filtered and translated into precise movements of micro-instruments within the operative site. The robotic instruments are "wristed" and have greater range of motions compared to human hands. These improved ergonomics helps to overcome the limitations of traditional laparoscopy. The surgeon's vision is greatly enhanced with 3D and high definition camera system, allowing better identification of pathology, such as endometriosis. These improvements are associated with reduced surgical time, improved and safer dissection of delicate tissues and less post-operative pain.

How is it performed?

Robot-assisted surgery mimics the surgeon's hands with robotic arms performing scaled-down, tiny movements within the body. The surgeon remains 100 percent in control of the operation, but the robot provides optimised 3D vision, magnification and motion tremor control, allowing the surgeon to operate high-tech instrumentation with greater dexterity and precision. The surgeon guides the procedure from a master console which controls robotic arms with attached surgical instruments.



Is there additional cost?

For most insured patients, there is no difference in cost when compared to standard laparoscopic approach.