

Working through the Scope at Alice Springs hospital  
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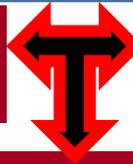
Why Minimal Invasive surgery?

**ABDOMINAL**

- CLEAR VISUALISATION
- BETTER ADNEXAL MANIPULATION

**VAGINAL**

AVOIDANCE OF ABDOMINAL INCISION



**Procedures possible**

- Hysterectomy:- For benign and malignant disease
- Myomectomy
- Tubal surgeries
  - Tubo plasty
  - Tubal reanastomosis
  - Fimbrioplasty
- Ectopic pregnancy- Ovarian, Tubal, Cornual and Scar ectopic
- Prolapse:- Nulliparous, vault
- Ovarian :- Endometriosis, Ovarian cysts, pelvic abscess
- Diagnostic laparoscopy
- Laparoscopic Jones metroplasty, crvicovaginoplasty
- Laparoscopic vaginoplasty
- Robotic assisted procedures
- Hysteroscopic procedures
  - Diagnostic
  - Operative

**LAPAROSCOPY**  
 Brilliant, magnified, 2 D view  
 Superior to the view at laparotomy

A retrospective analysis of our data revealed the following

Data of laparoscopic procedures performed in Alice Springs Hospital between January 2017- April 2018	No.	%
Total Laparoscopic Hysterectomy	8	2.8%
Diagnostic Laparoscopy with dye test and tuboplasty for infertility	24	8.5%
Laparoscopic ovarian cystectomy ( Unilateral and Bilateral )	14	4.9%
Laparoscopic Ovarian drilling	5	1.7%
Laparoscopic salpingectomy for ectopic pregnancy	19	6.7%
Laparoscopic salpingectomy with cornual resection for ectopic pregnancy	1	0.3%
Laparoscopic oophorectomy for ovarian ectopic pregnancy	1	0.3%
Laparoscopic pelvic floor repair	1	0.3%
Laparoscopic salpingectomy or salpingo-opherectomy ( unilateral or bilateral ) for Tubo-ovarian abscesses	11	3.9%
Prophylactic Laparoscopic Salpingo-opherectomy for BRCA1 & BRCA2 positive individuals	2	0.7%
Laparoscopic sterilisation	13	4.6%
Hysteroscopic Myomectomy	5	1.7%
Hysteroscopic septal resection	2	0.7%
Diagnostic hysteroscopy with D & C	153	54.4%
Diagnostic hysteroscopy with endometrial ablation	9	3.2%
Hysteroscopic polypectomy	13	4.6%

Minimally invasive surgery focuses more on the quality of life for the patient

- less trauma to the body during surgery
- It reduces blood loss
- There is less post-operative pain and discomfort
- Less risk of infection
- Shorter hospital stay
- Faster recovery and return to normal daily activities

In conclusion Alice Spring's hospital has a good range of endoscopic work going on. It offers a lot of endoscopic surgery to the people from far flung communities thus affecting early discharge.