

GOOD CLINICAL PRACTICE IN REPRODUCTIVE ENDOSCOPY: DATA CAPTURING IN ENDOMETRIOSIS SURGERY

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Endoscopy – problems and pitfalls

- Thanks for the opportunity
- New era
- To follow a more meaningful endoscopic approach

Endoscopy – problems and pitfalls

- Looking back/reflecting
- Data – endoscopy in South Africa
- Training and more training (Winners)

Data for 6 months – 1 hospital group

	ICD – 10 coding	N
Total laparoscopic procedures		4,147
	Endometriosis	
	Postmenopausal bleeding	
	Tubal ligation	
	Simple ovarian cysts	
Total hysteroscopic procedures		2,476
	Polypectomy	

Lawsuits

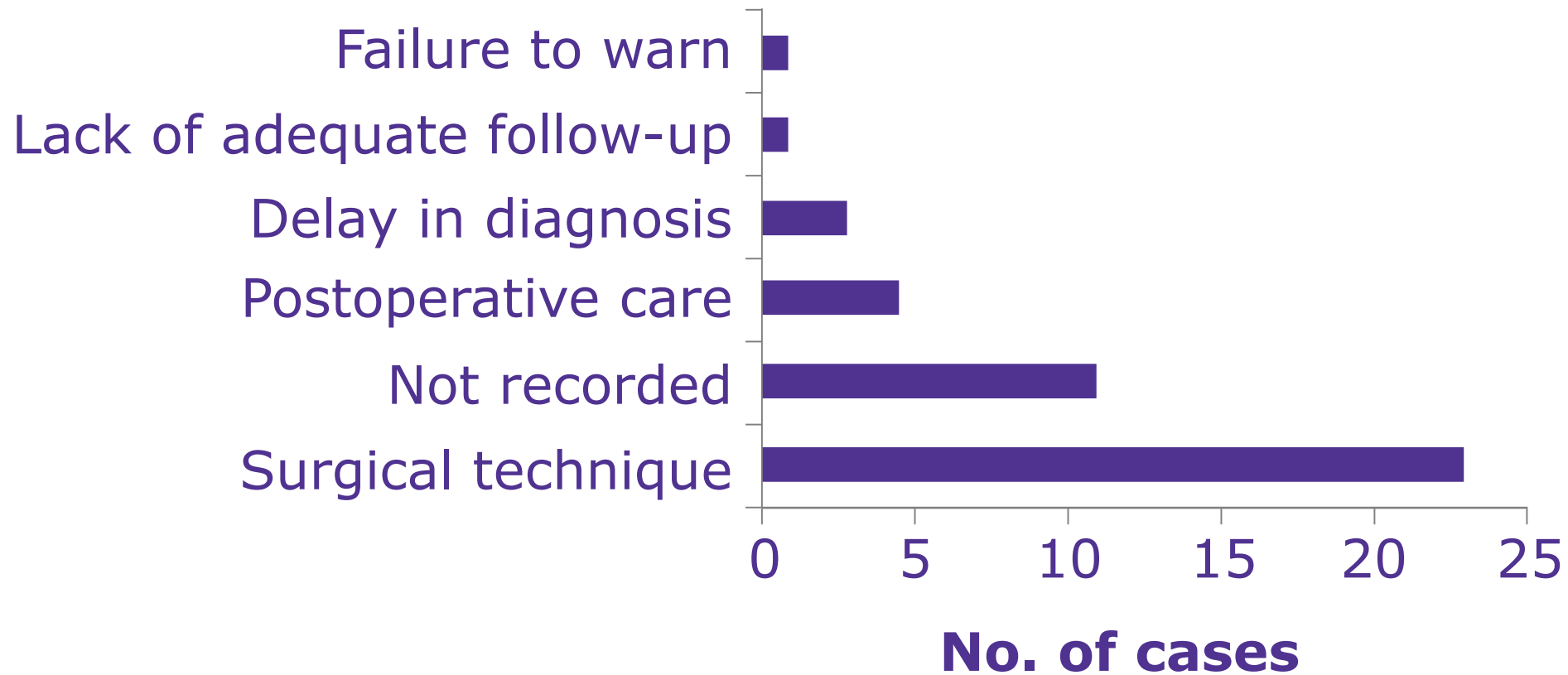
- It is clear that lawsuits for endoscopic surgery associated with complications will soon follow the same direction as obstetric care and contrary to obstetric training, most gynaecologists...

Lawsuits

- The allegations usually revolve around (often a combination)
 - The procedure should not have been performed laparoscopically
 - Surgeon inadequately qualified or skilled
 - Procedure negligently performed
 - Delay in diagnosing the injury

Lawsuits

Root causes of settlement



Endoscopy – benefit of data capturing

- Data capturing directly postoperative
- Theatre report – within minutes

Endoscopy – benefit of data capturing

- Data capturing directly postoperative
- Theatre report – within minutes
- Have your own data available
- National data

Endoscopy – benefit of data capturing

- Systematic – comprehensive report
- National data
- Own data of procedures done
- Operations under supervision – proctors – data

Endoscopy – training

- Professor Siebert – Winners
- SASREG – Winners
College of Obstetricians and Gynaecologist – syllabus
- Training – proctors – data

The programme – Step 1

Operation Report: Hysteroscopy

Patient sterile draped in Lithotomy position. Bladder emptied. Bettocchi hysteroscope inserted with hydro guidance.

Endometrial Cavity

- Normal
- Adhesion (Asherman's)
- Fibroid
- Polyp
- Septum
- Other

Hysteroscopy Notes

Step 2

- Normal
- Adhesion (Asherman's)
- Fibroid
- Polyp
- Septum
- Other

Septum

Septum grade before treatment

Grade 2

Septum treatment

- Bipolar
- Unipolar
- Sharp dissection

Septum grade after treatment

N/A

Hysteroscopy Notes

Patient G2PoM2 6 weeks – septum repaired|



Step 3

First port (camera): 5mm 10mm

Lateral ports:

5mm port: 0 1 2 3 – Inserted under vision

10mm port: 0 1 2 – Inserted under vision

12mm port: 0 1 2 – Inserted under vision

Laparoscopy description (for report) – this section can be edited

Patient in Lloyds Davis position under general anaesthesia. Sterile draped. Bladder emptied. CO₂ inflation at 15mm Hg pressure.

All steps were followed to prevent organ damage

At time of operation

Uterus

- Present – Normal Size
- Present – Enlarged – Adenomyosis
- Present – Myomatous
- Previous Hysterectomy
- Adhesions covering the uterus
- Not visible

Step 4

Peritoneal fluid

Normal

Pouch of Douglas

- Normal
- Superficial endometriosis
- Nodule
- Adhesions – filmy covering total Pouch of Douglas
- Adhesions – filmy covering L side
- Adhesions – filmy covering R side
- Adhesions – dense covering L side
- Adhesions – dense covering R side
- Adhesions – small bowel covering total Pouch of Douglas
- Adhesions – small bowel L side
- Adhesions – small bowel R side
- Adhesions – colon covering total Pouch of Douglas
- Adhesions – colon covering L side
- Adhesions – colon covering R side
- Abscess in pouch
- Blood in pouch
- Other

Step 5

Pouch of Douglas – Adhesions (all types)

Adhesions – treatment applied

- No treatment
- Argon
- Bipolar
- Unipolar
- Sharp dissection
- Other

Adhesions finding after treatment

N/A

Pouch of Douglas – Nodule

Step 6

Pouch of Douglas – Nodule

Nodule finding

> 3

Nodule affected areas

- USL – L
- USL – R
- Torus
- Para – L
- Para – R
- Ureter – L
- Ureter – R
- Recto vaginal space
- Vagina
- CRA Rect
- Caudal Rect
- Douglas Oblit
- Bladder
- Adnexal

Nodule treatment

- Nodulectomy
- USL – L
- USL – R
- Bilateral USL
- Vaginal mucosal resection

Step 7

Ovaries

Ovary (Left): Present Absent

Ovary (Right): Present Absent

Findings (left ovary)

- Normal
- Superficial endometriosis lesions on ovary surface
- Endometrioma
- Ovarian cyst
- Ovarian fossa and lateral pelvic sidewall
- PCO appearance
- Filmy adhesions covering ovary
- Dense adhesions covering ovary
- Other

Endometrioma

Endometrioma size (left) cm

4

Endometrioma treatment (left) cm

Drain and cauterize

Endometrioma notes

Step 8

Fallopian tube

Fallopian tube findings (left)

- Absent
- Normal
- Endometriosis
- Normal/Abnormal with or without hydatid of Morgagni
- Hydrosalpinx - chronic infection
- Acute salpingitis
- Filmy adhesions
- Dense adhesions
- Ectopic pregnancy
- Sterilization

Fallopian tube findings (right)

- Absent
- Normal
- Endometriosis
- Normal/Abnormal with or without hydatid of Morgagni
- Hydrosalpinx - chronic infection
- Acute salpingitis
- Filmy adhesions
- Dense adhesions
- Ectopic pregnancy
- Sterilization

Step 9

Fallopian tube state before treatment (left)

- None
- Abnormal
- Normal with hydatid of Morgagni
- Abnormal with hydatid of Morgagni
- Inflamed
- 1-3 lesions
- 4+ lesions
- Grade 1
- Grade 2
- Grade 3
- Filmy adhesions
- Dense adhesions
- Distal
- Intermediate portion
- Proximal portion
- Fimbriae ectopic
- Ectopic on ovary
- Ectopic in pouch of Douglas

Fimbriae before treatment (left)

Normal

Fallopian tube patency before treatment (left)

Patent

Step 10

Fallopian tube state before treatment (right)

- None
- Abnormal
- Normal with hydatid of Morgagni
- Abnormal with hydatid of Morgagni
- Inflamed
- 1–3 lesions
- 4+ lesions
- Grade 1
- Grade 2
- Grade 3
- Filmy adhesions
- Dense adhesions
- Distal
- Intermediate portion
- Proximal portion
- Fimbriae ectopic
- Ectopic on ovary
- Ectopic in pouch of Douglas

Step 11

Bladder

- Not affected
- Superficial endometriosis
- Nodule not full thickness
- Full thickness infiltration

Bladder treatment

Argon

Ureter treatment (left)

- None
- Argon
- Shaving
- Catherization
- Resection and reanastomosis
- Reimplantation

Ureter state after treatment (left)

Normal

Ureter treatment (right)

- None
- Argon
- Shaving
- Catherization
- Resection and reanastomosis

Step 12

Final Endometriosis Grade (AFS score)

Grade 3 (16–40)

Enzian score

N/A

Complications

- None
- Bleeding
- Bowel injury
- Ureter injury
- Bladder
- Other

Operation notes

Bladder complication notes

Bowel complication notes

The way forward

- SASREG initiative
- Capturing and storing data: part of the solution
- TRAINING

