OMG!!

WHAT JUST HAPPENED?

THE DAY IN THE O.R. YOU NEVER WANT TO HAVE!

▶ No Disclosures

Marius Pienaar
Objectives:

At the conclusion of this activity, participants will be able to avoid and manage a variety of intraoperative obstetric complications.
Grand Trunk Pacific Railroad

One Road leaves Town: Prince George 8 hours away

One flight from airport: Vancouver

6 Specialists

16 GPs: 3 are GPAs
2 are C sectionists
Before the OR....

Breech deliveries
Instrument deliveries
Uterine Prolapse

Breech: 2 Tips

1) Keep the back facing the roof

2) Don’t pull
Breech

If the head is stuck:

1) Symphysiotomy

2) Zavanelli

Off the record: IV Ventolin / Nitroglycerine
3 X C section followed by ‘compassionate’ hysterectomy

Instrument deliveries

NO MID PELVIS

NO 2 Instruments

Stick to the rules!

(If you have lots of experience with forceps: OK. Otherwise stay away.)
Uterine Inversion

A true obstetrical emergency!

Replace: If not possible:

Get help
Get OR
Get Lab
Get Second IV
Get Blood
O'Sullivan’s hydrostatic method

- Tube passed into the posterior fornix
- Assistant close vulva around operator’s wrist
- Warm saline run in until pressure gradually restores position of uterus
SURGICAL REPLACEMENT OF UTERUS

- Constricting ring stretched
- Posterior part of ring divided
- Fundus hooked up and resutured

In the O.R.

OBESITY
Mobius Retractor
Travi Panniculus retractor
Extra antibiotics
Fat layer
Longer instruments
Cochrane: No drain
Azithromycin after ROM
Compression stockings/LMWH
(Enoxaparin 80mg/d, 40 mg after discharge X 2 weeks)
Mobilize, hydrate
Impossible to deliver the fetal head:

- Extra helper to push up
- J Incision – avoid T
- FLATHAND
- One blade of forceps
- Kiwi retractor
- Relax uterus: Nitroglycerine
J Incision - avoid T

Arm/ shoulder prolapse:

Replace!
Lateral Tears:

Prevention: Do not extend uterine incision sharply
Tear up and down, not sideways
Hand behind uterus during repair

Too low incision:

(Personal Scandal)
Bladder injury
Repair and catheter

Ureter injury
Close and refer

Bowel injury
Repair and pray

Abnormal Placentaion
Unexpected Previa

Unexpected Placenta Accreta

DON'T TOUCH!!!
Incidental Fibroid:
Leave them alone, no matter how tempting

Incidental Ovarian Cyst:
It depends...
Amniotic fluid embolism

SCHOCK
Get OUT!

DIC
Pack
Get OUT!

Massive Post Partum Haemorrhage
STAY CALM

B-Lynch
OTHER COMPRESSION SUTURES

- Hayman Uterine Compression Suture
- Cho’s Multiple Square Suture

Global Stitch By Dr. Gunasheela Bangalore

Partial ischemic necrosis of the uterus following a uterine brace compression suture

- The uterus as it appears at laparotomy, 24 hours following a uterine brace suture.
- An example of poor technique
- No exit point for drainage of the uterine cavity
Internal Iliac ligation???
Non pneumatic anti shock garment

Abdominal Pregnancy

[Diagram showing pregnancy and various anatomical parts]
THANK YOU!