The Pelvic Sidewall
A/Prof. Russell Land
QCGC Symposium

Wednesday, 7 August 13
"Nurse, get on the internet, go to SURGERY.COM, scroll down and click on the 'Are you totally lost?' icon."

The Pelvic Sidewall
A/Prof. Russell Land
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Talk Outline

- Pelvic Sidewall Anatomy And Pelvic Spaces
- Laparoscopic Sidewall Technique and Tips
- Open Sidewall Technique and Tips
- Applications
Anatomy
Anatomy- Basic
Anatomy - Basic
Anatomy- Basic
Anatomy - Sidewall
Anatomy - Sidewall
Anatomy - Sidewall

Pelvic Lymphadenectomy right side

Obturator Nerve

External Iliac Artery

Ureter

Ilio-Lumbar Fossa
Anatomy - Sidewall

- External iliac vein
- External iliac artery
- Obturator nerve
- Lumbo-Sacral Trunk
Common Iliac Vessels

- Common Iliac Left Vein
- Middle Sacral Vessels
- Common Iliac Right Artery

3-6cm inferior to umbilicus

Anatomy - Vasculature
Anatomy- Vasculature
Anatomy- Vasculature

Common Iliac Artery

External Iliac Artery

Internal Iliac Artery / Hypogastric artery

Posterior Trunc

Anterior Trunc
Anatomy - Vasculature

Inferior Vena Cava
- Renal veins
- Ovarian left vein
- Ovarian right vein
- Middle sacral vein
- Common iliac veins

Aorta
- Renal arteries
- Superior mesenteric artery
- Ovarian arteries
- Inferior mesenteric artery
- Middle sacral artery
- Common iliac arteries
Anatomy - Spaces

- Para-vesical space
- Retzius space
- Para-rectal space
- Pre-sacral space
Anatomy - Spaces

Para-vesical space

Para-rectal space

Anatomy - Spaces
Anatomy - Spaces

Para-vesical space

Para-rectal space
Anatomy - Spaces

Para-vesical space

Para-rectal space
Anatomy - Spaces

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Applications - General Gynae

- Endometriosis
- Residual Ovaries
- Adhesions/ Previous Pelvic Surgery
- Broad Ligament Masses
- Uncontrolled Bleeding
- Anything that causes distortion of anatomy
Surgical Maxims

- If you can see through it you can cut through it...
Surgical Maxims

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- Stay on your plane - DONT CREATE ANATOMY
Surgical Maxims

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- ‘Normalise’ anatomy GO LATERAL beyond pathology and work back
Surgical Maxims

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- ‘Normalise’ anatomy GO LATERAL beyond pathology and work back
- Find your friends
Surgical Maxims

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- If in doubt finding ureter GO HIGHER
Surgical Maxims

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- Stay on your plane - DONT CREATE ANATOMY
- ‘Normalise’ anatomy GO LATERAL beyond pathology and work back
- Find your friends
- If in doubt finding ureter GO HIGHER
- Tension & Counter Tension
Remember: Don't Get Lost!
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