Oesophagogastric Surgery Developments

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Developments

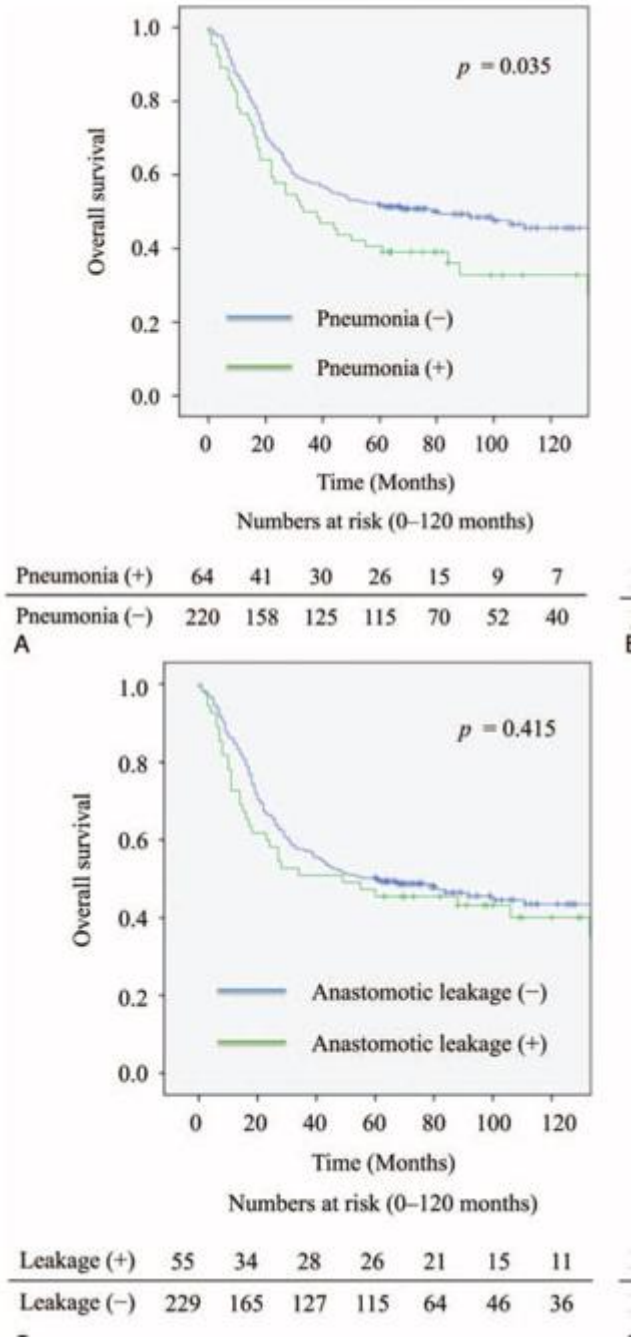
INTERNATIONAL FELLOW

SURGICAL APPROACHES

IRISH FOOTBALL
ASSOCIATION

Keyhole Surgery

- Laparoscopic surgery on abdomen
- Thoracoscopic chest: first large series early 2000s
- Morbidity of oesophagectomy driven by chest
  - Patient suffering
  - Post-operative pneumonia **20-40%**
- Improved long-term survival
  - Various theories

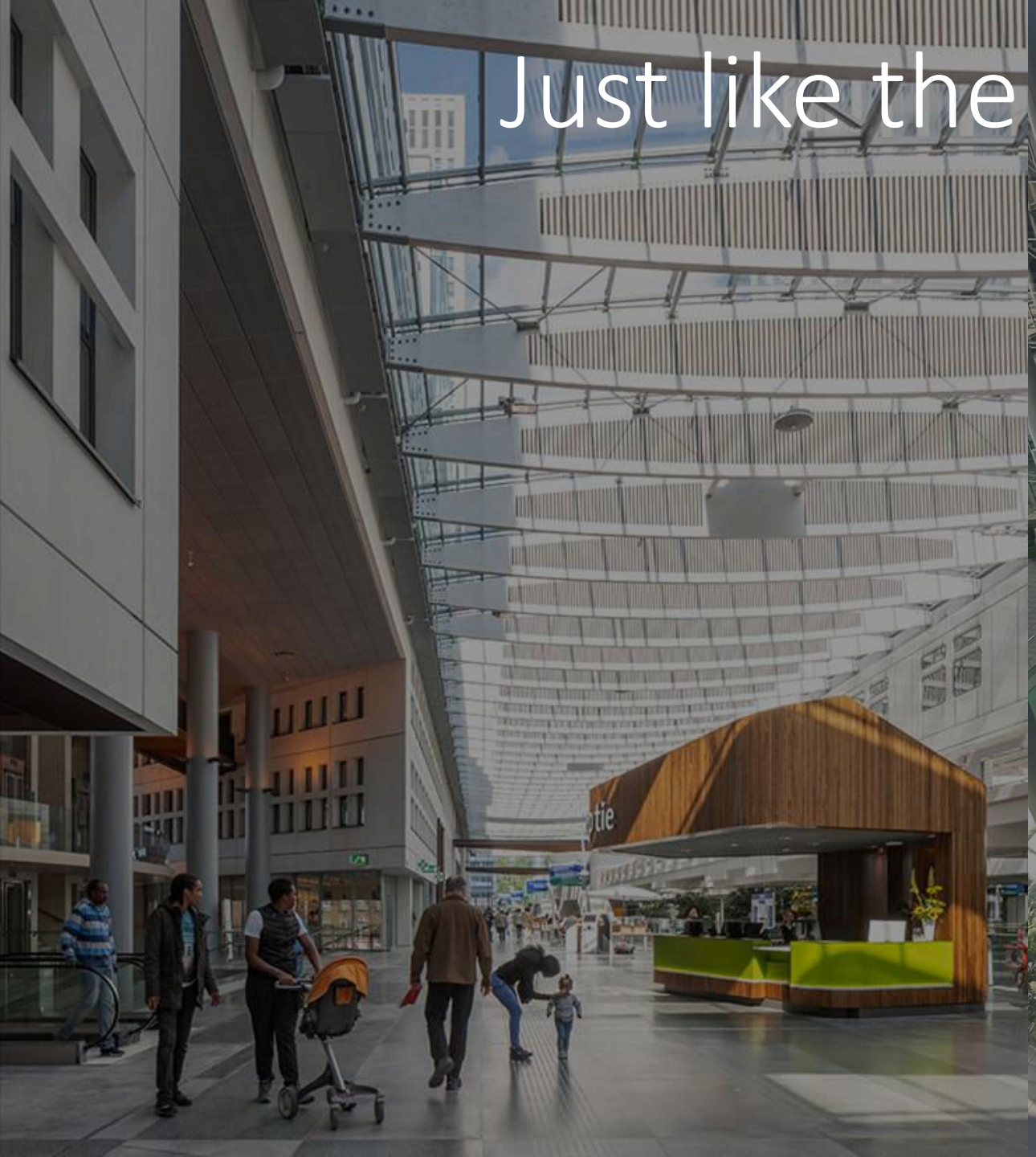


History of keyhole surgery in BCH

- Attempt ~ 10y ago
- International travel to high-volume centres
- Engagement with other disciplines
- Higher complications and abandoned

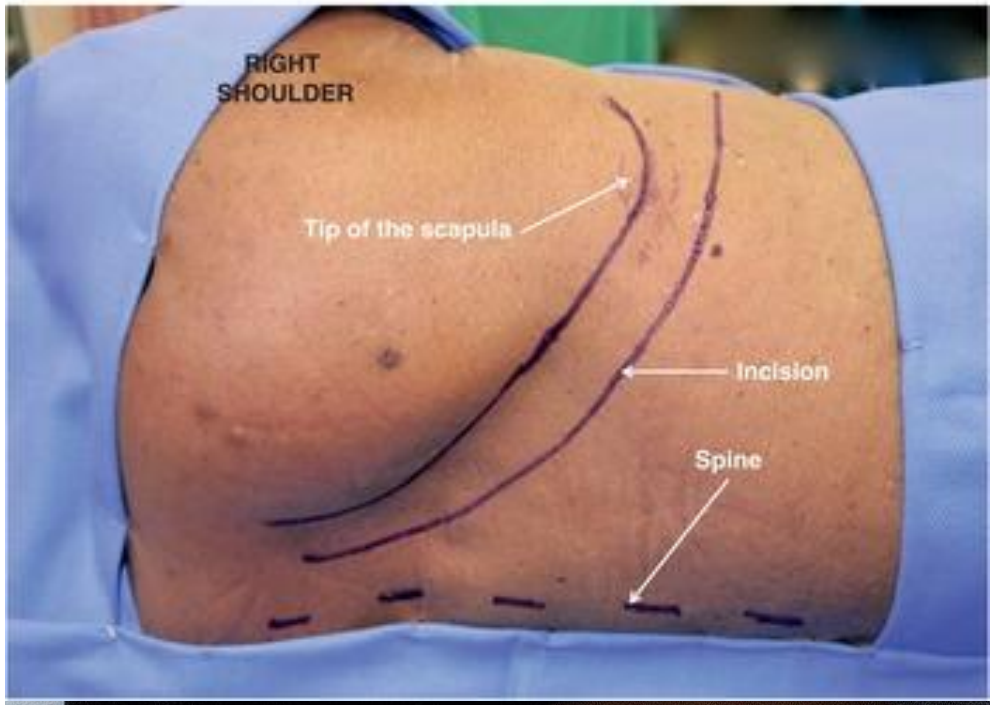
Erasmus MC
Ronald McDonald Huis
Erasmus MC Hoofdingang

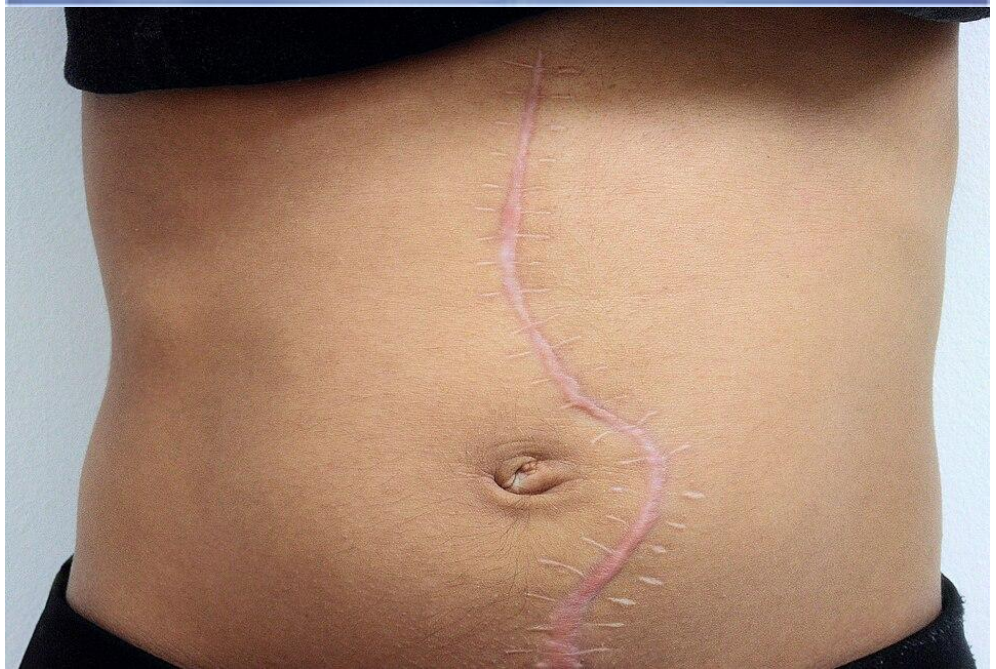
Just like the City Hospital

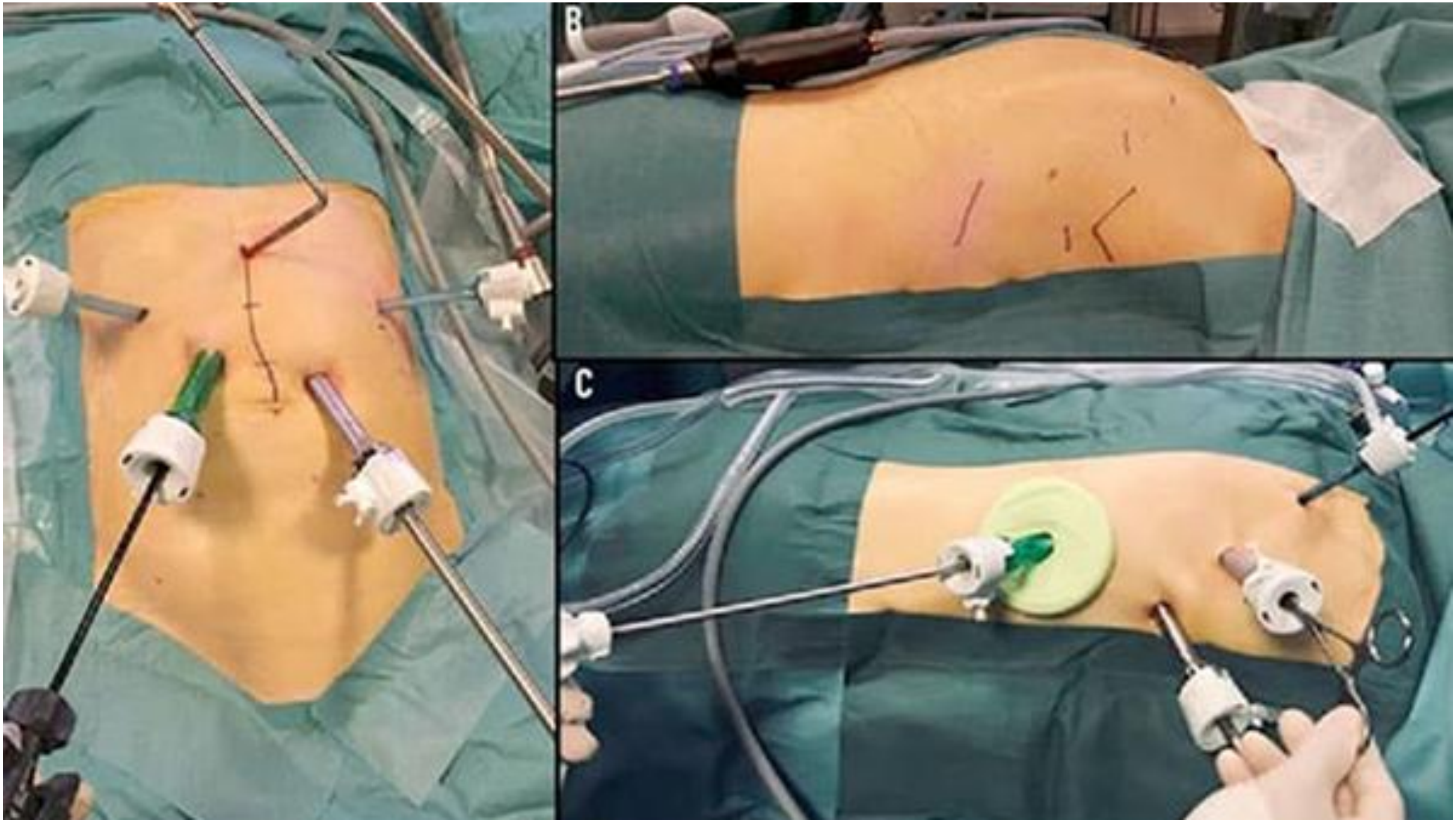


KAROLINSKA
Huvudentré

(b)



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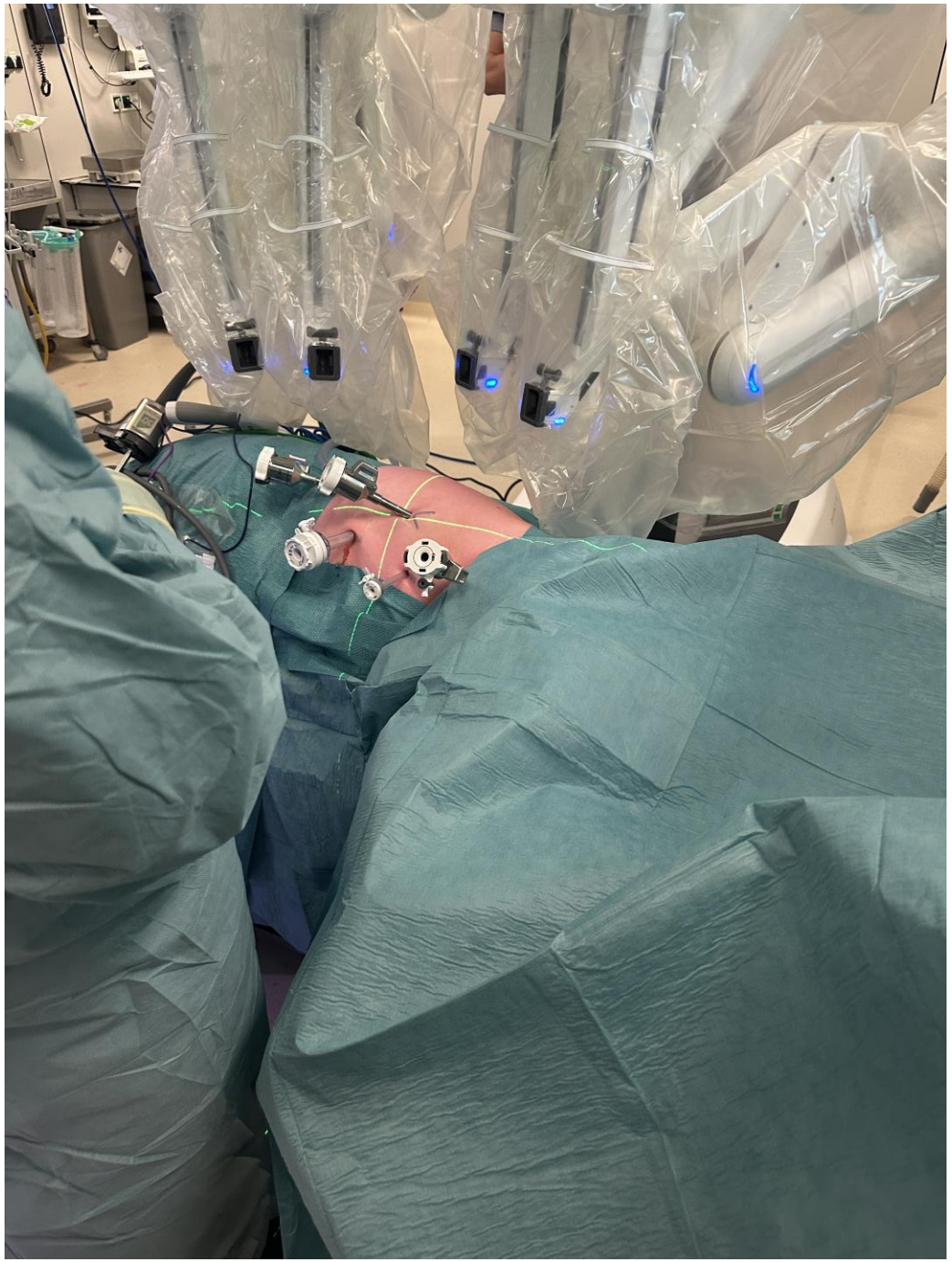


Robotic Assisted Surgery

Controversies

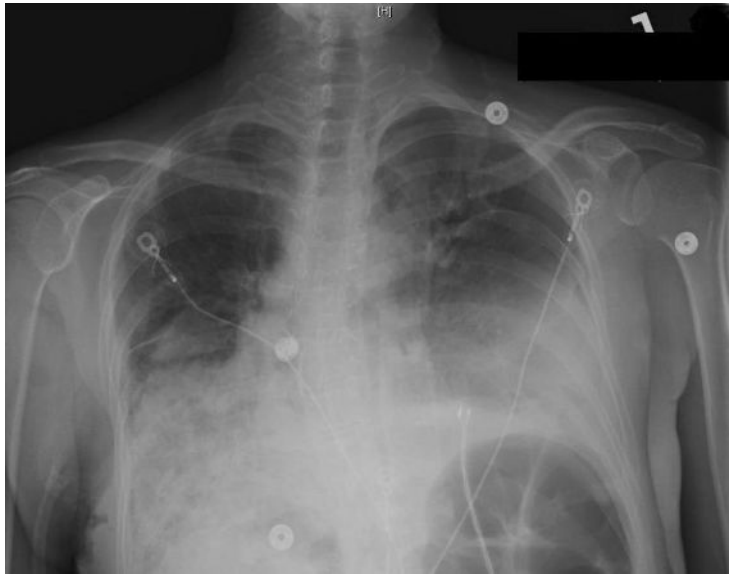
- High Cost
- Learning Curve
- Surgical Errors
- Device Malfunctions
- Longer Operating Time
- Lack of Training
- Limited Evidence
- Loss of Tactile Feedback
- Ethical Concerns
- Overhyped

Benefits

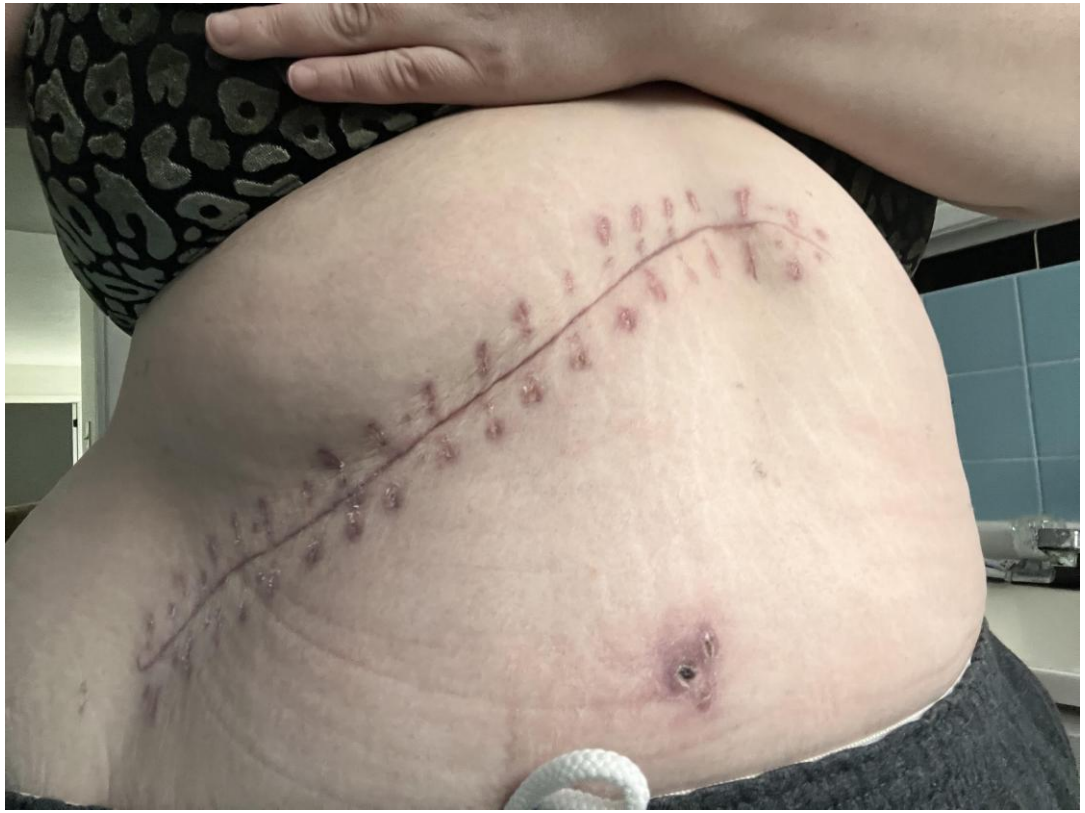
- Minimally Invasive
- Greater Precision
- Faster Recovery
- Reduced Blood Loss
- Enhanced Visualization
- Less Pain
- Quicker Healing
- Improved Dexterity
- Shorter Hospital Stay
- Increased Safety

Unit outcomes

	Open (n=54)	MIO (n=30)	Robotic (n=2)
ICU length of stay (days)	6.5	4.6	2
Hospital length of stay (days)	16.9	11.4	6 and 9 days
Margins clear	87%	87%	2
Lymph nodes	23.3	28.2	54
Pneumonia rates	35%	17%	0
Anastomotic leak	13%	15%	0



What would you prefer

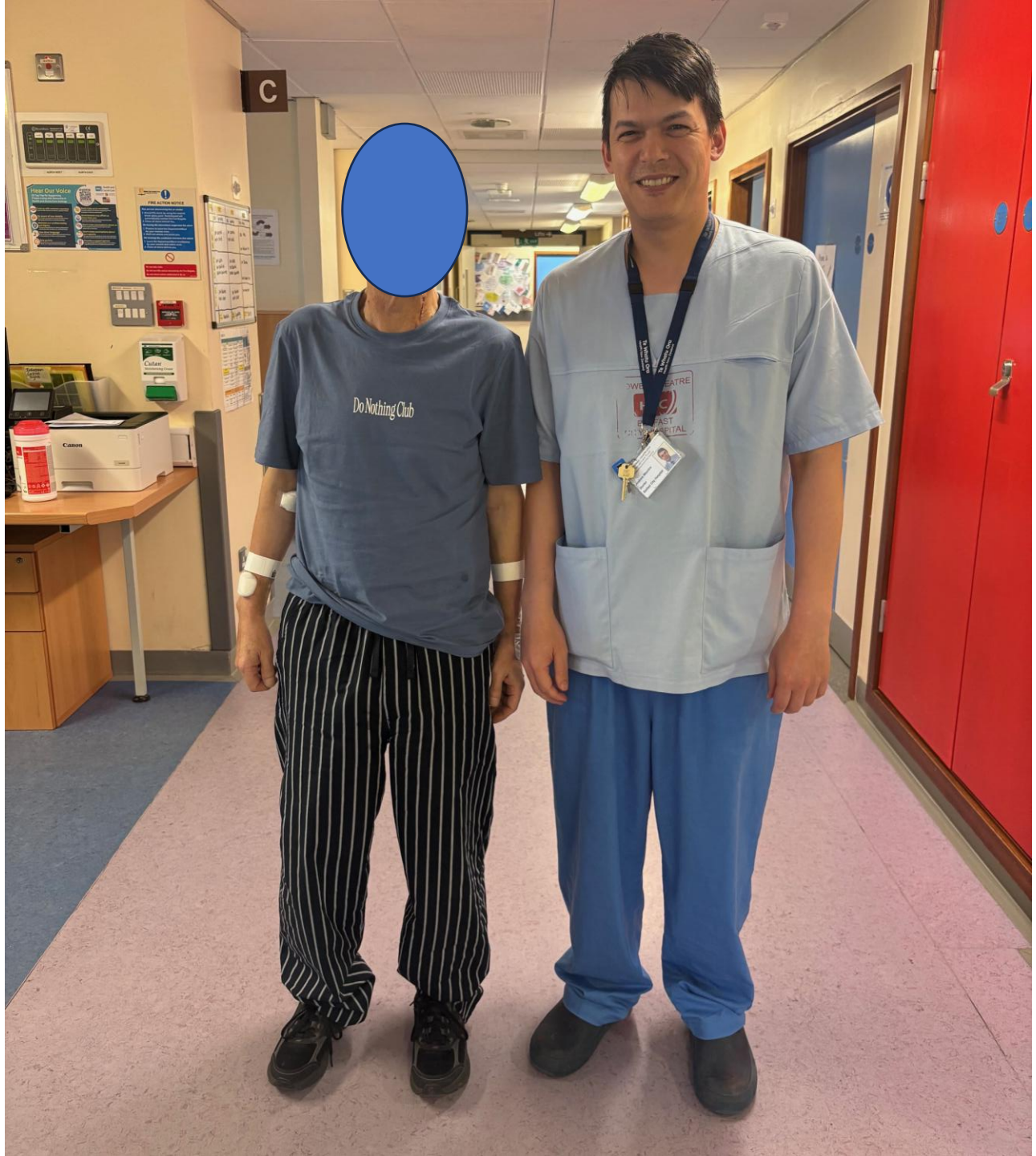


Day 1

- Mobilising early
- Fewer drains
- No epidural
- No feeding tube
- No line in the neck
- No blood pressure support medications

Day 4 post-op

- Multiple walks
- Having a liquid or soft diet
- All drains out
- Pain relief tablets only required
- Planning for home



Acknowledgements

- Patients and their families
- CNS
- Colleagues
- Anaesthetics
- ICU team
- Physios
- Dietitians
- Ward staff
- Trust management
- Family