Den kirurgiske behandling af blærecancer

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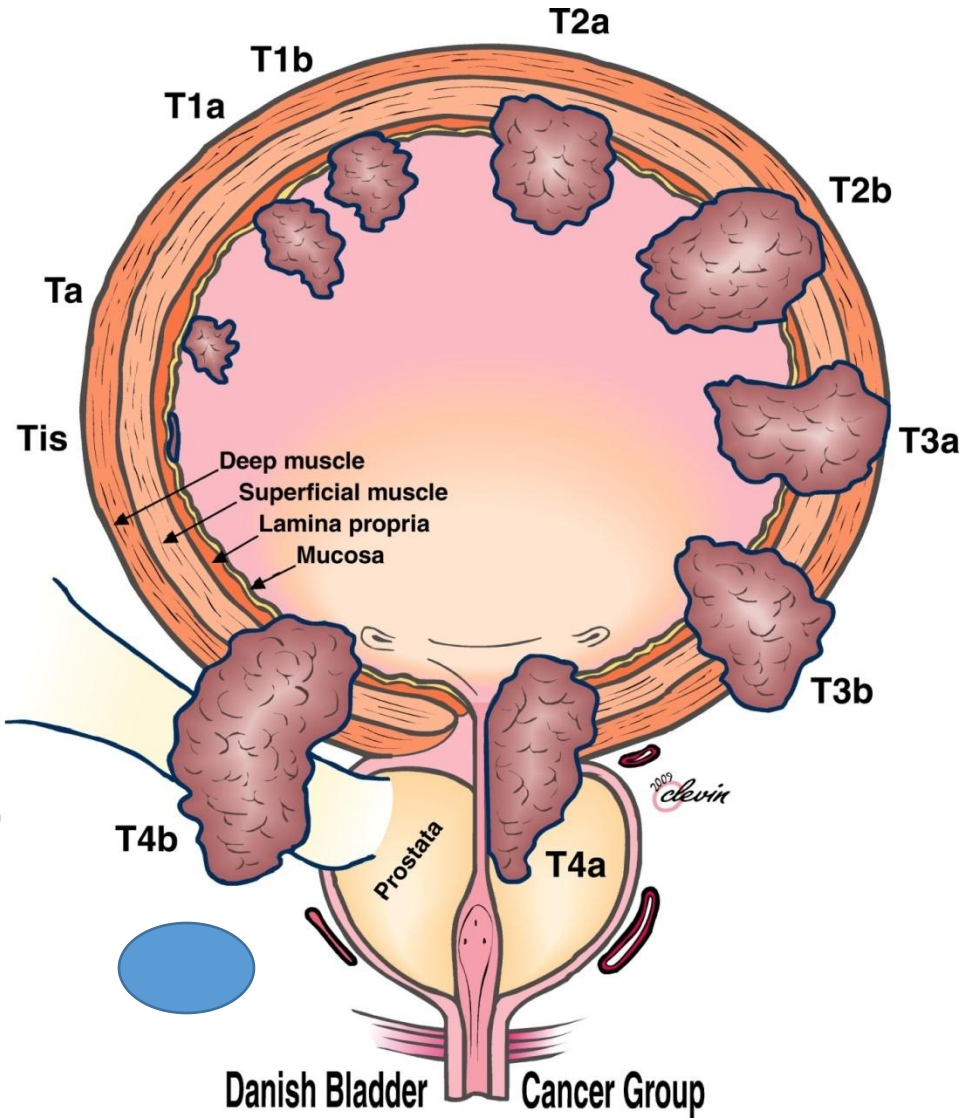
Blæretumorer



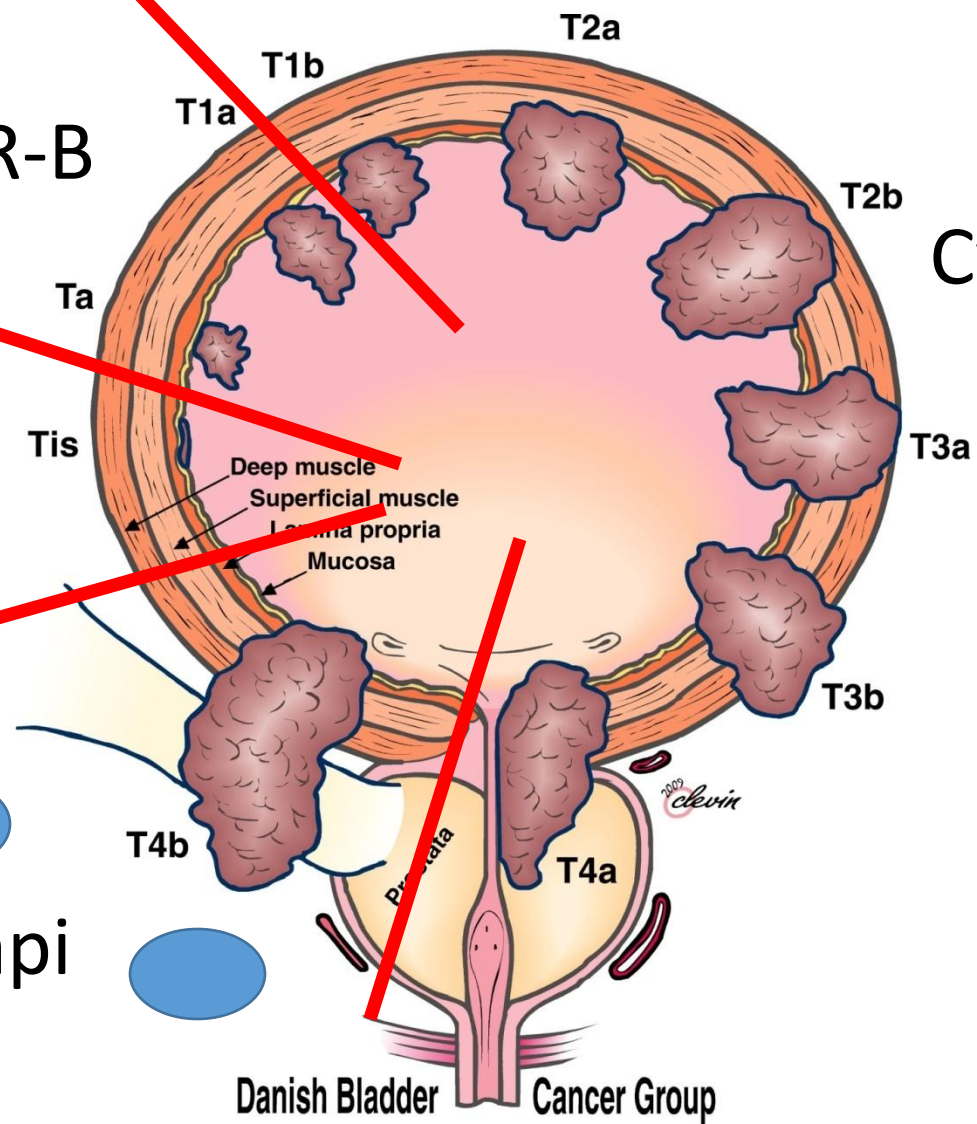
Behandling

TUR-B

Skyllebeh

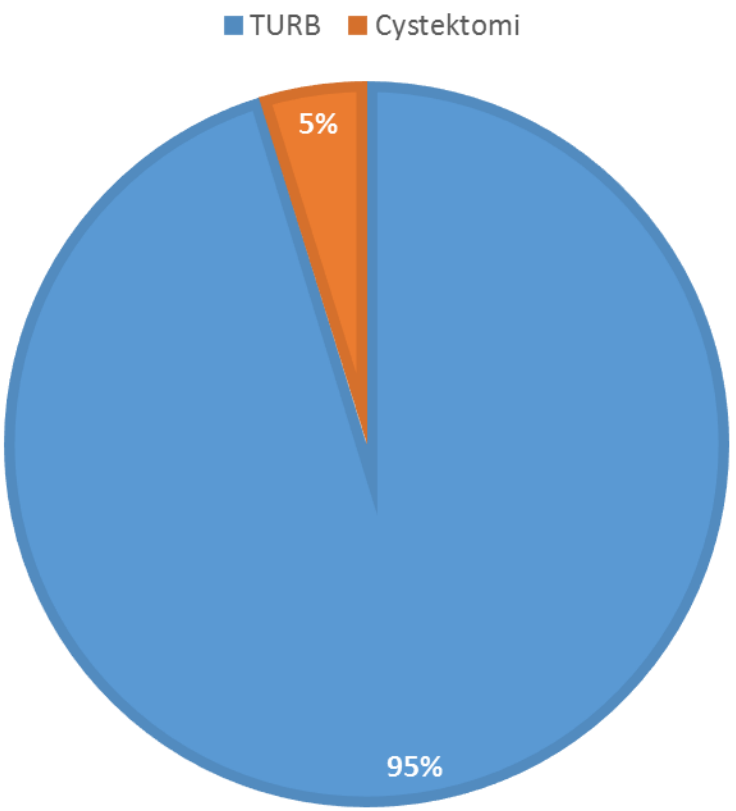
Kemoterapi

Cystektomi



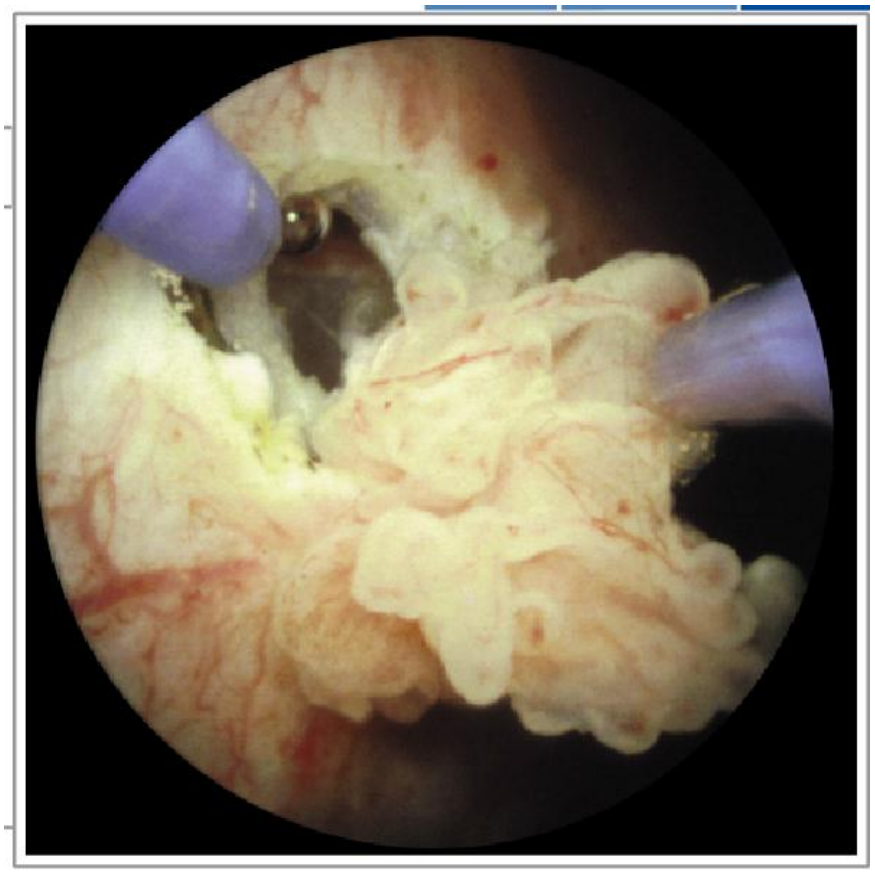
Fordeling af kirurgiske indgreb

- TURB
  - 5-6.000 per år i DK
- Cystektomi
  - ca. 300 per år i DK



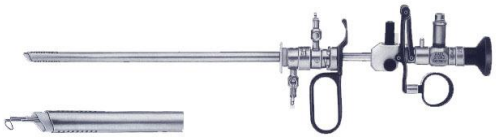
Behandlingskvalitet - TURB

- Hovedfunktion på alle urologiske afdelinger



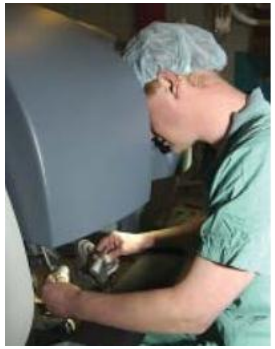
Kirurgiske behandlingsmodaliteter

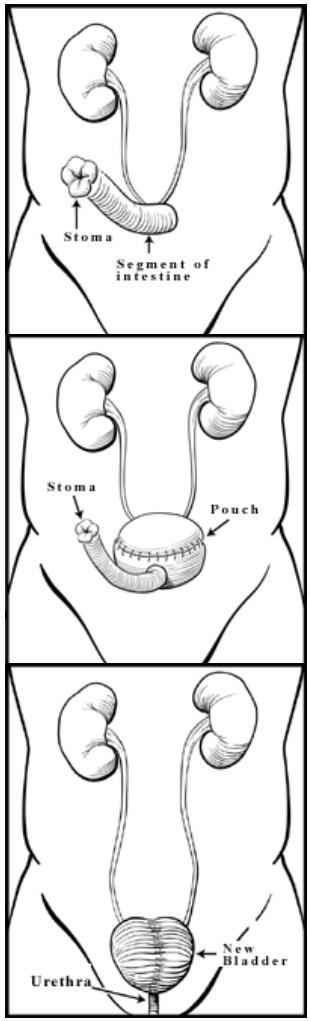
- TURB



- Åben cystektomi
  - Bricker-afledning
  - Pouch
  - Neoblære

- Robot-assisteret cystektomi
  - Bricker-afledning
  - Pouch
  - Neoblære





Behandlingssteder - cystektomi

- Højt specialiseret funktion (under 500 pr år i DK)

Forskellige muligheder ved cystektomi

- Åben
- Laparoskopisk/robotassisteret

- Bricker-afledning
- Pouch
- Neoblære

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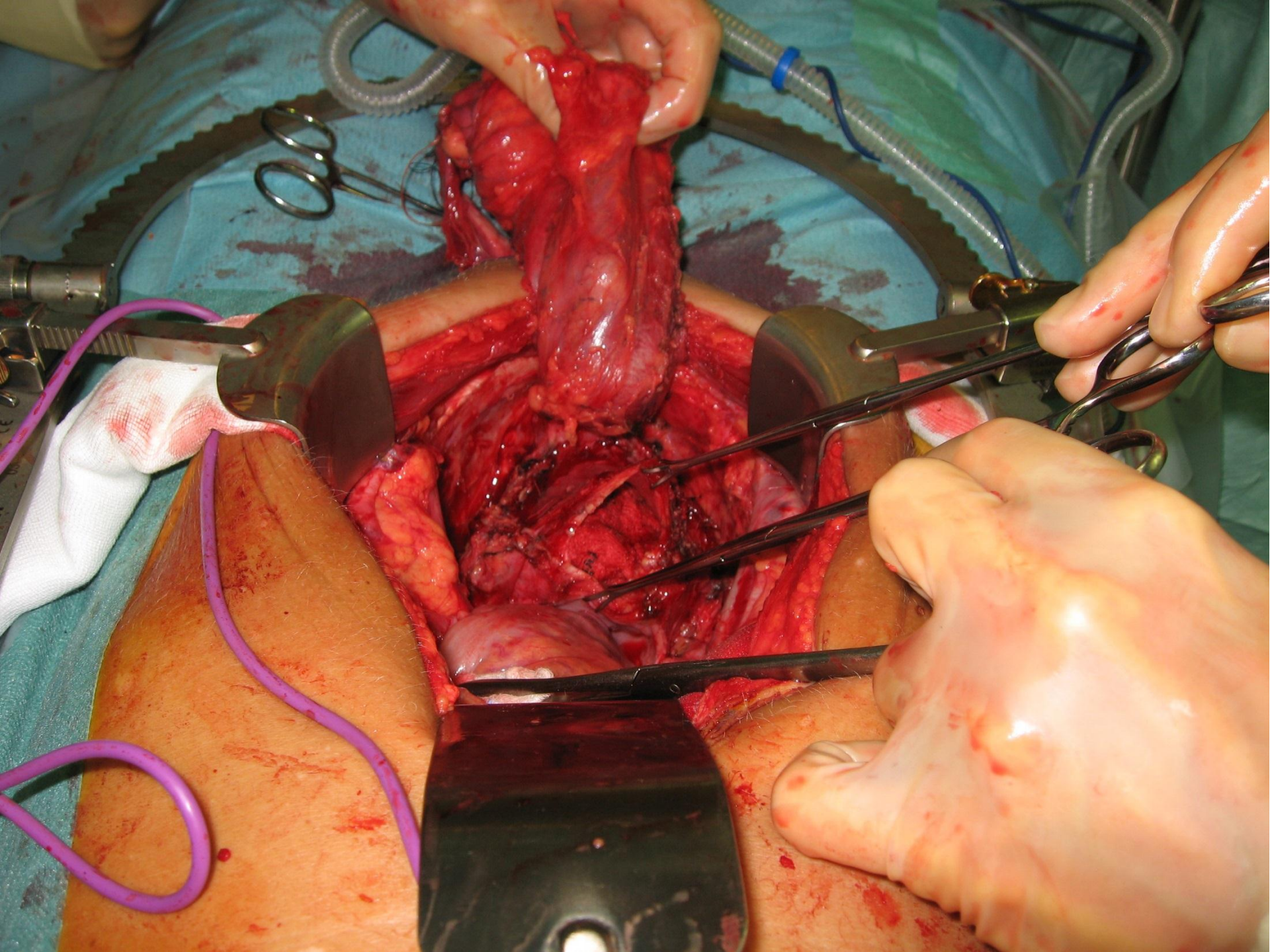
- Åben
- Laparoskopisk/robotassisteret

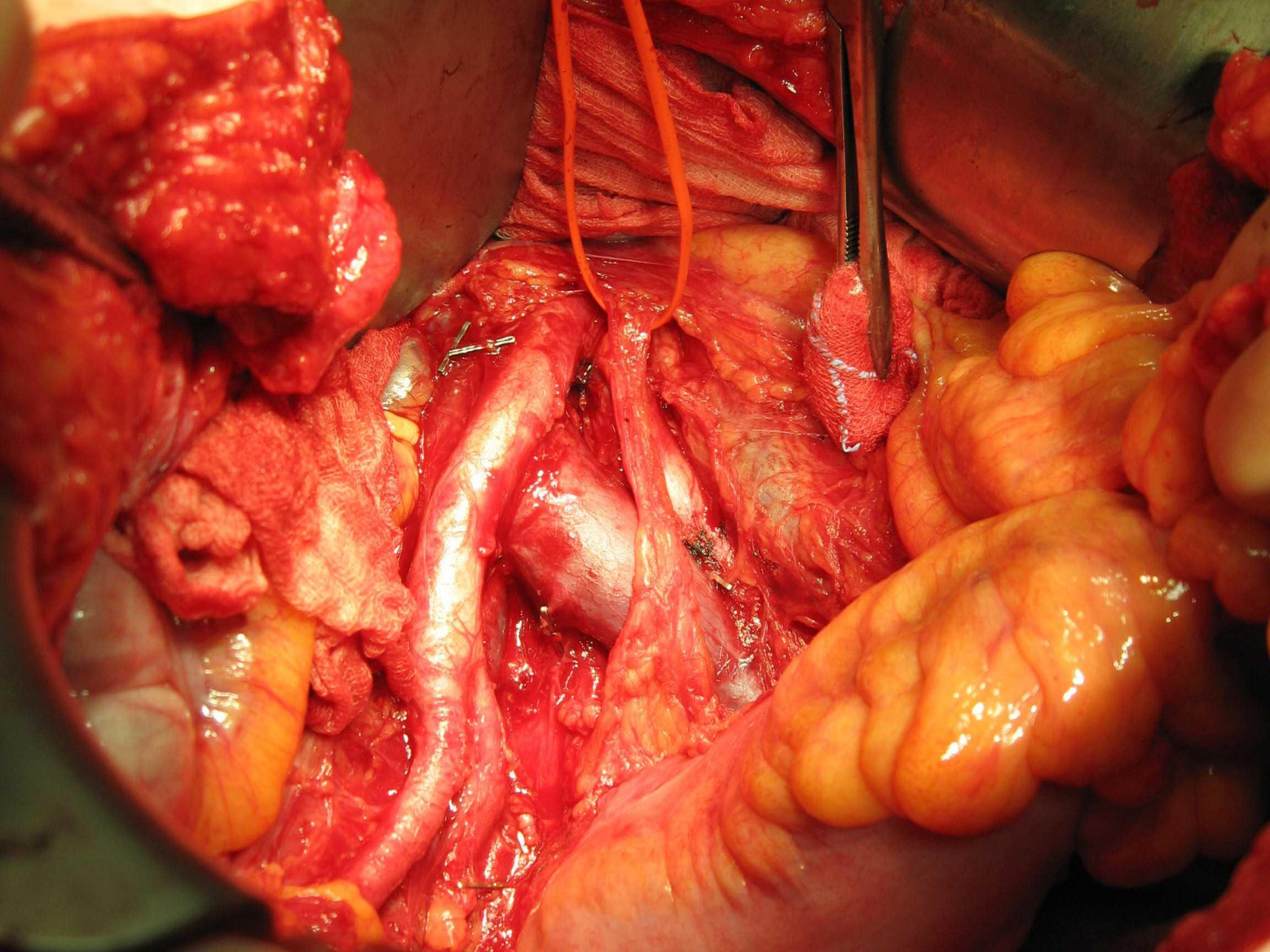
- Bricker-afledning
- Pouch
- Neoblære

Min. 100/år?

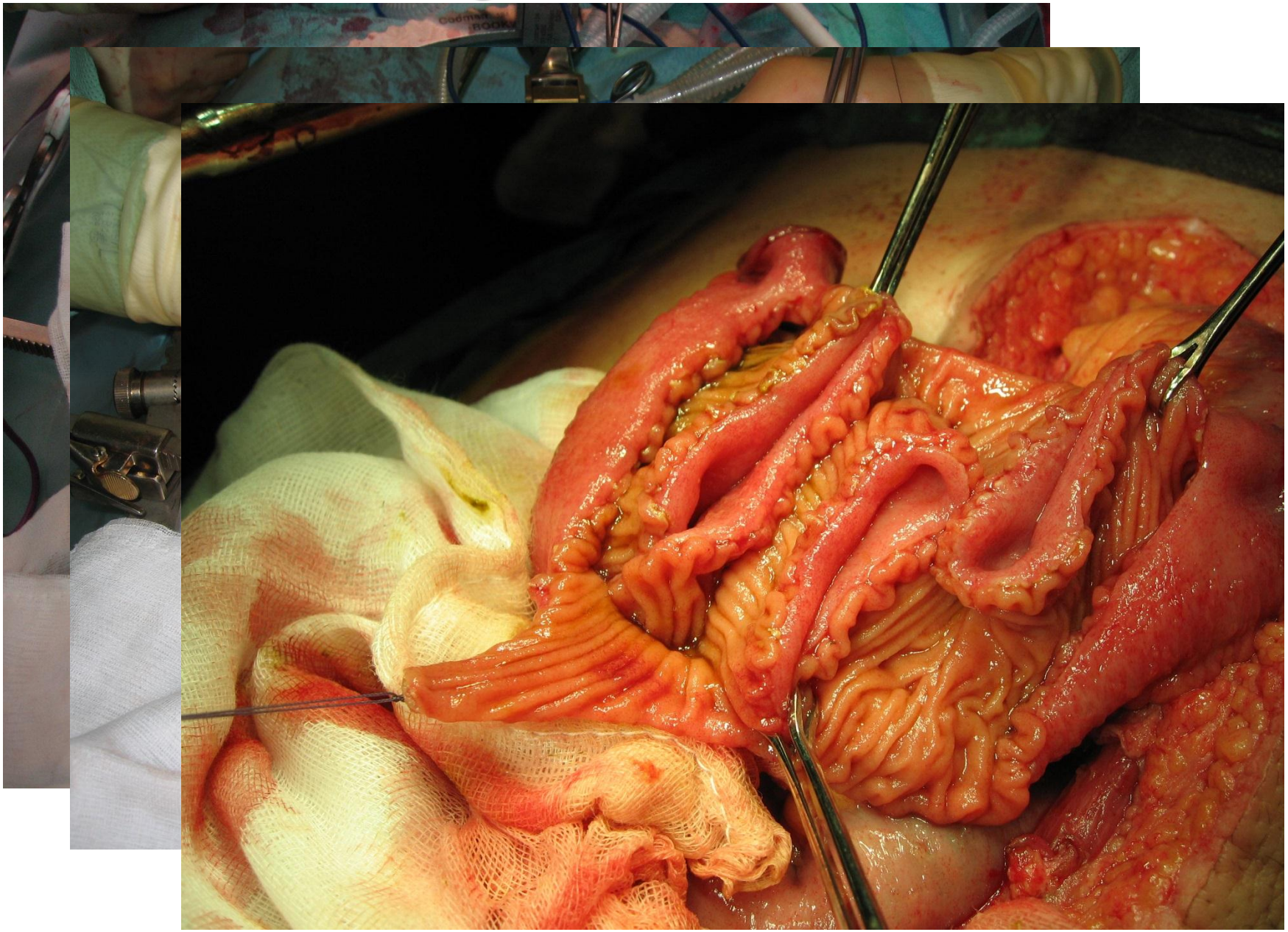
Hvad indebærer en cystektomi?

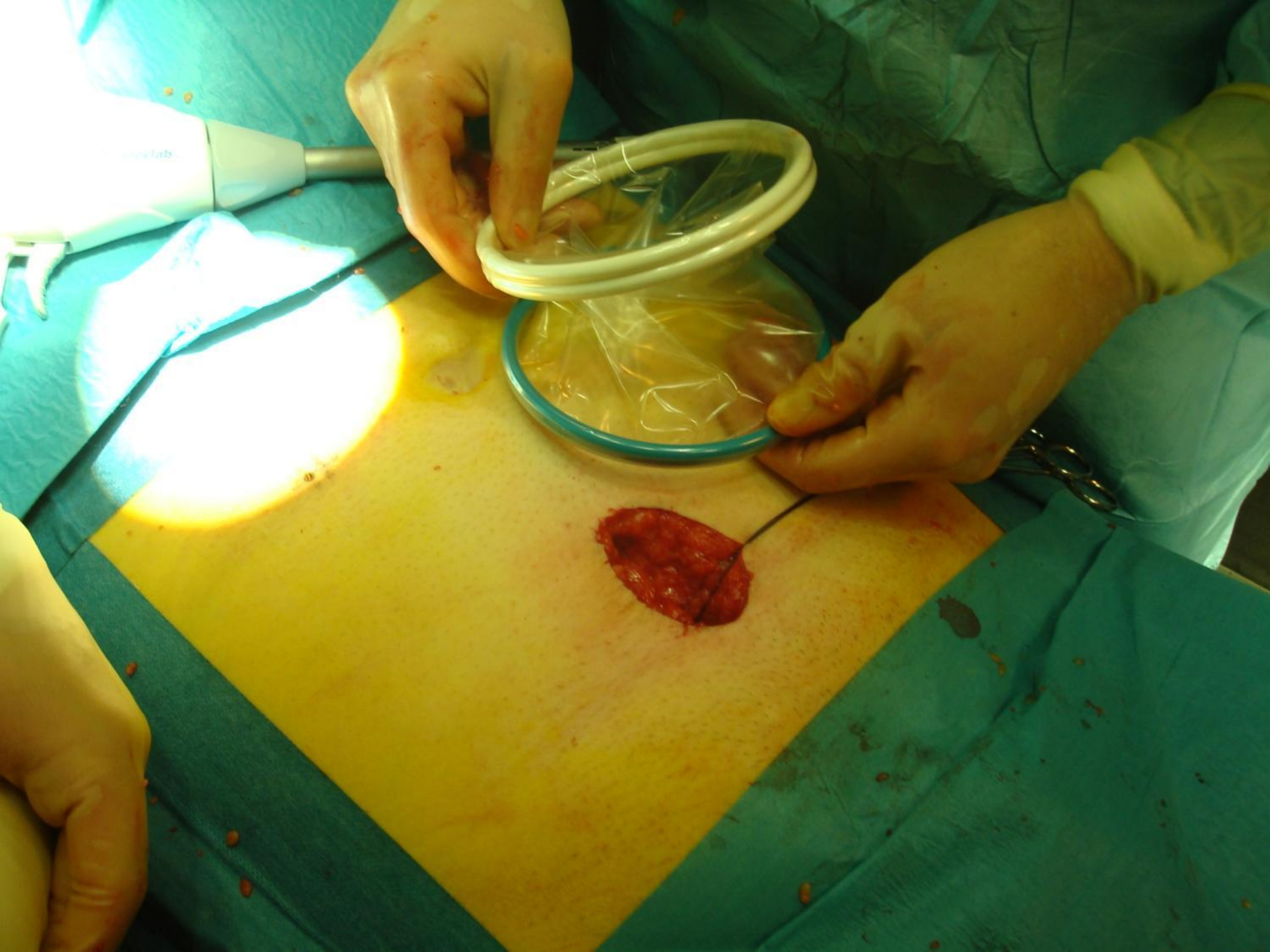
- Cystektomi inkl. fjernelse af prostata/indvendige kvindelige genitalier
- Lymfeknudeexcairese af pelvine lymfeknuder
- Urinafledning vha tarm

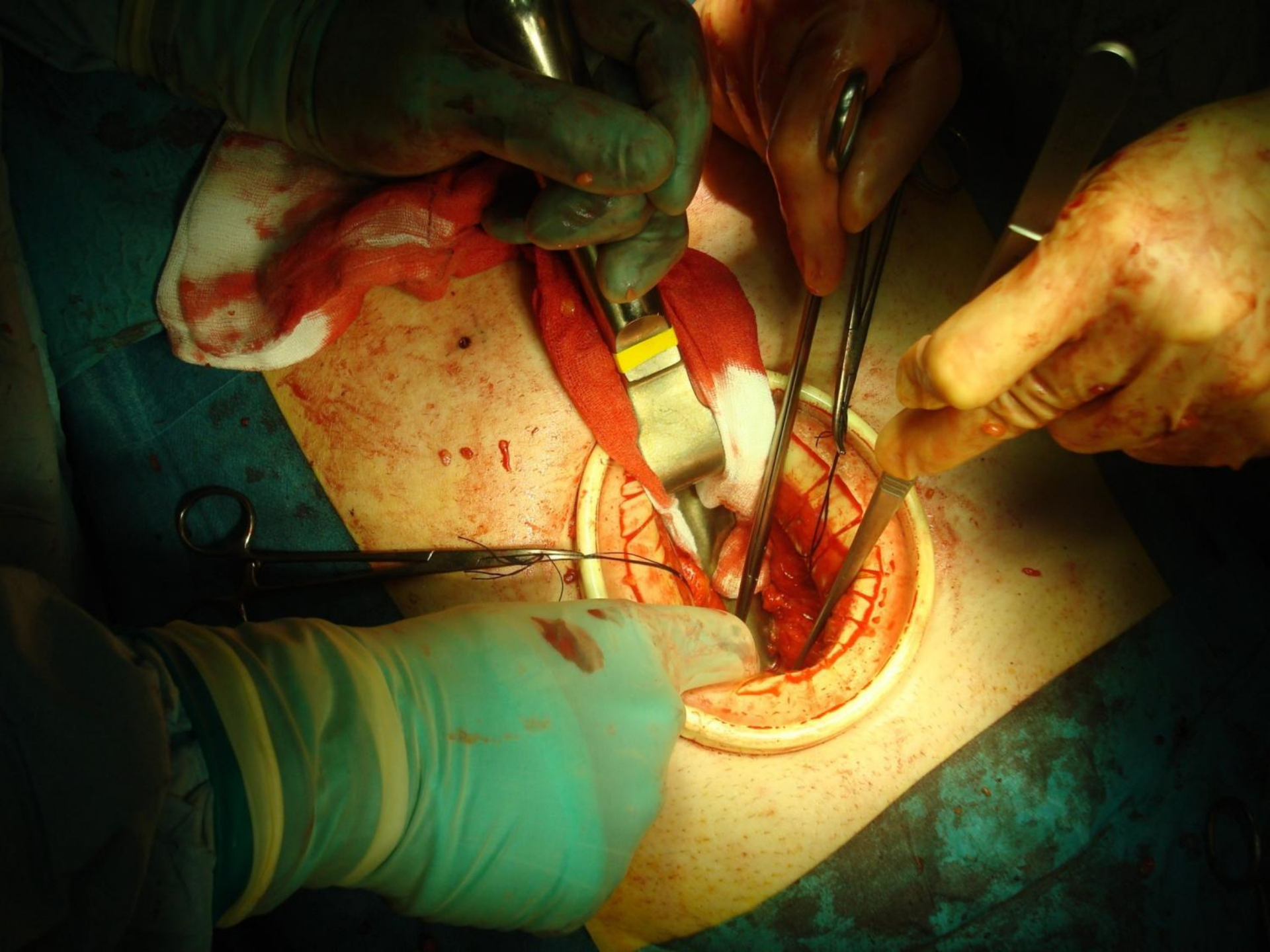


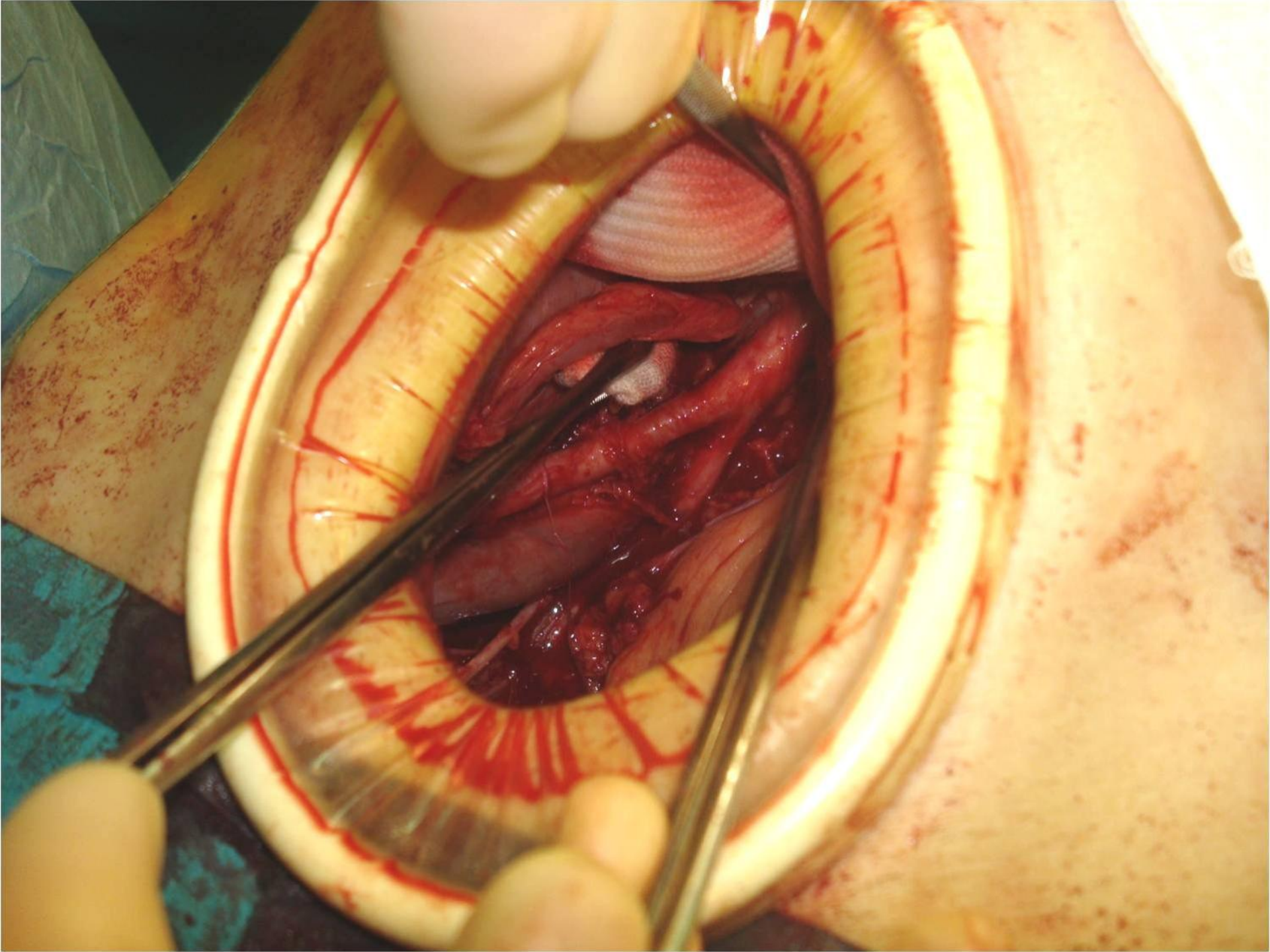


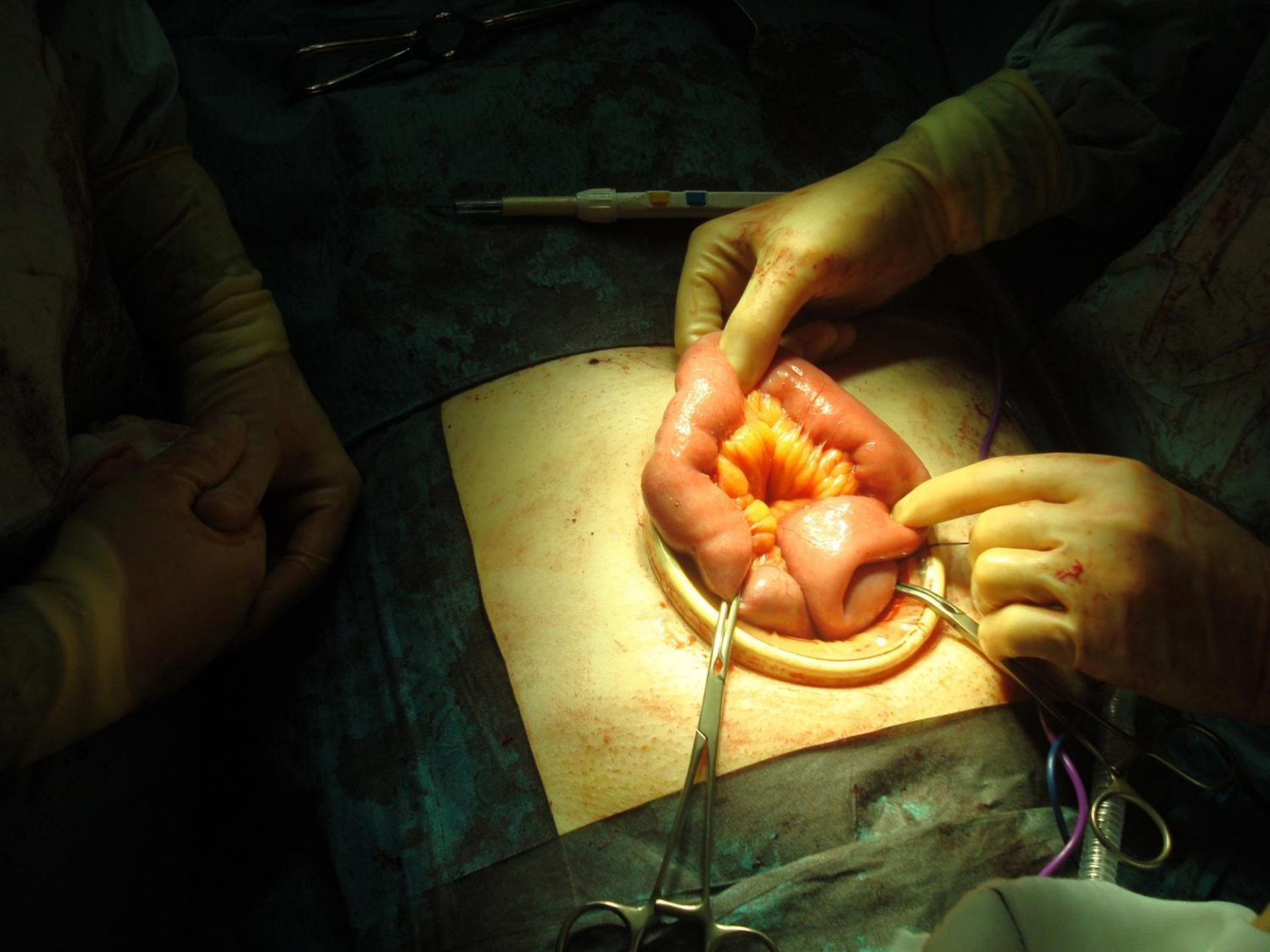
Urinafledning

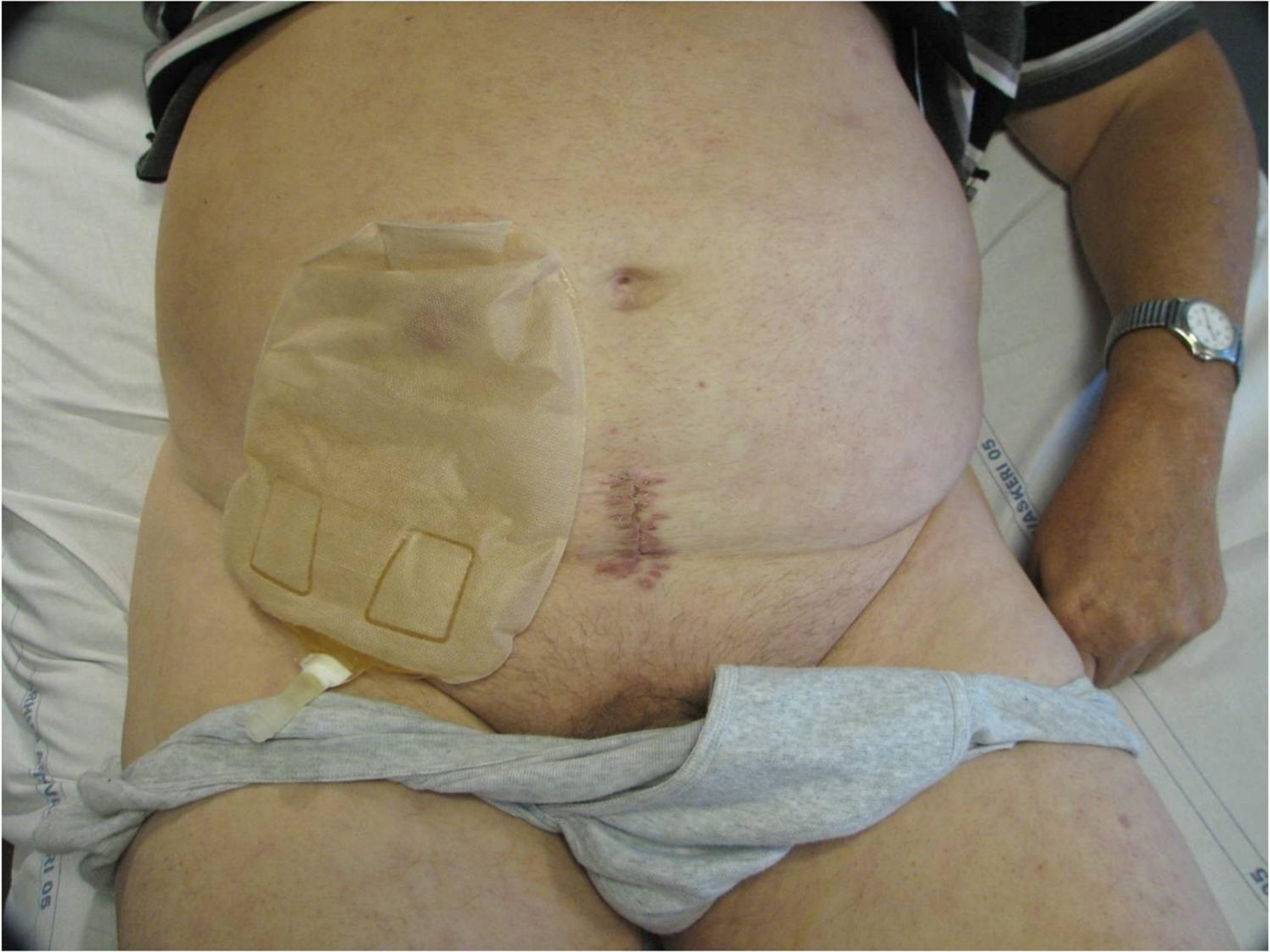


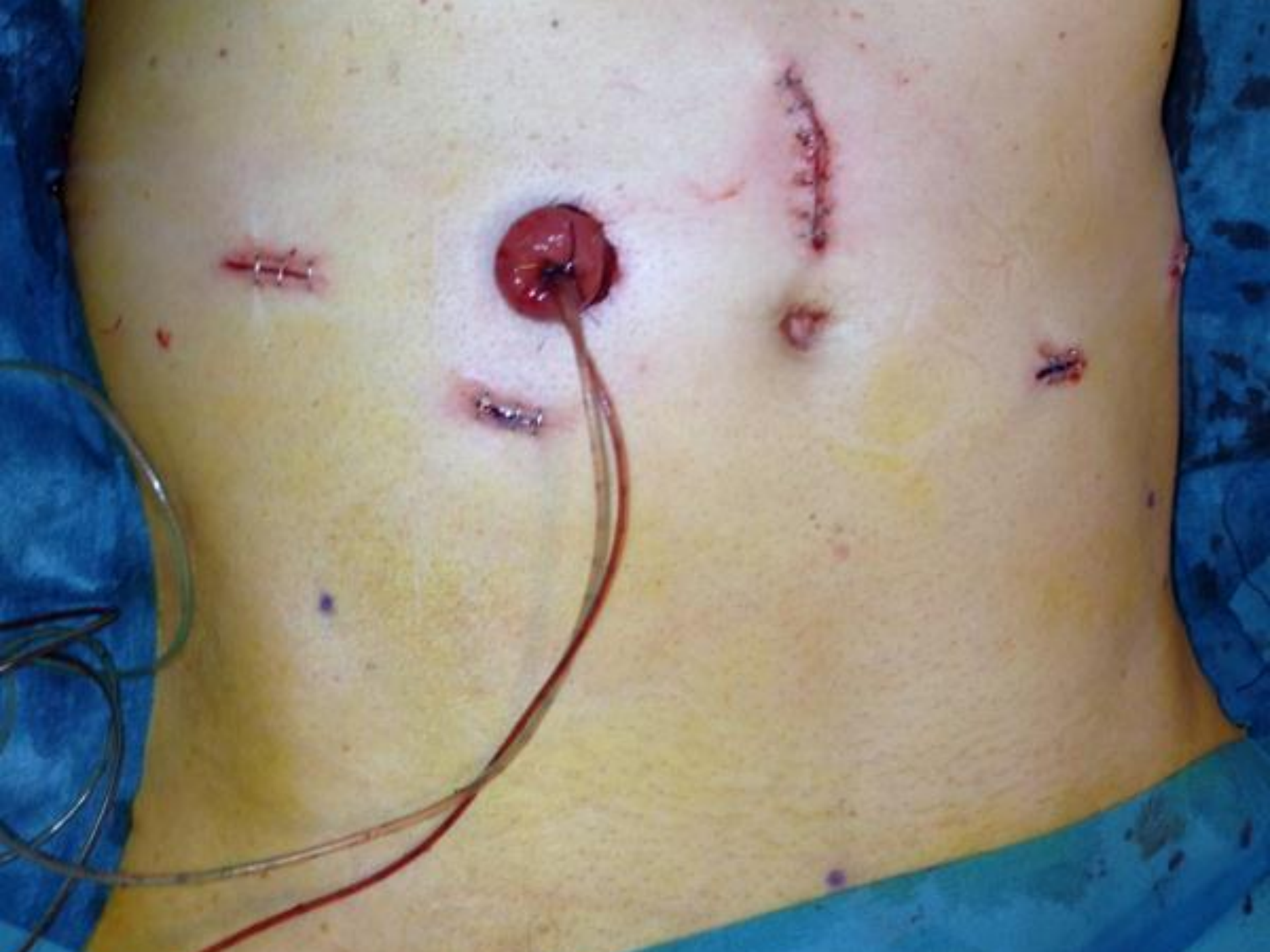


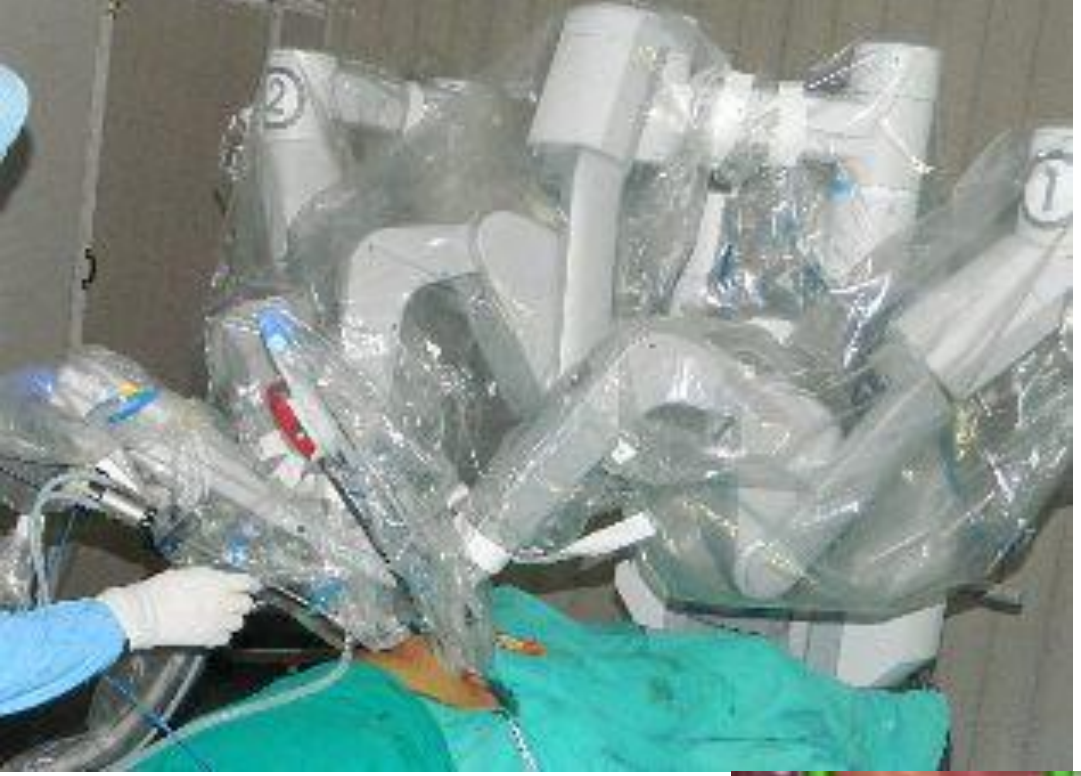








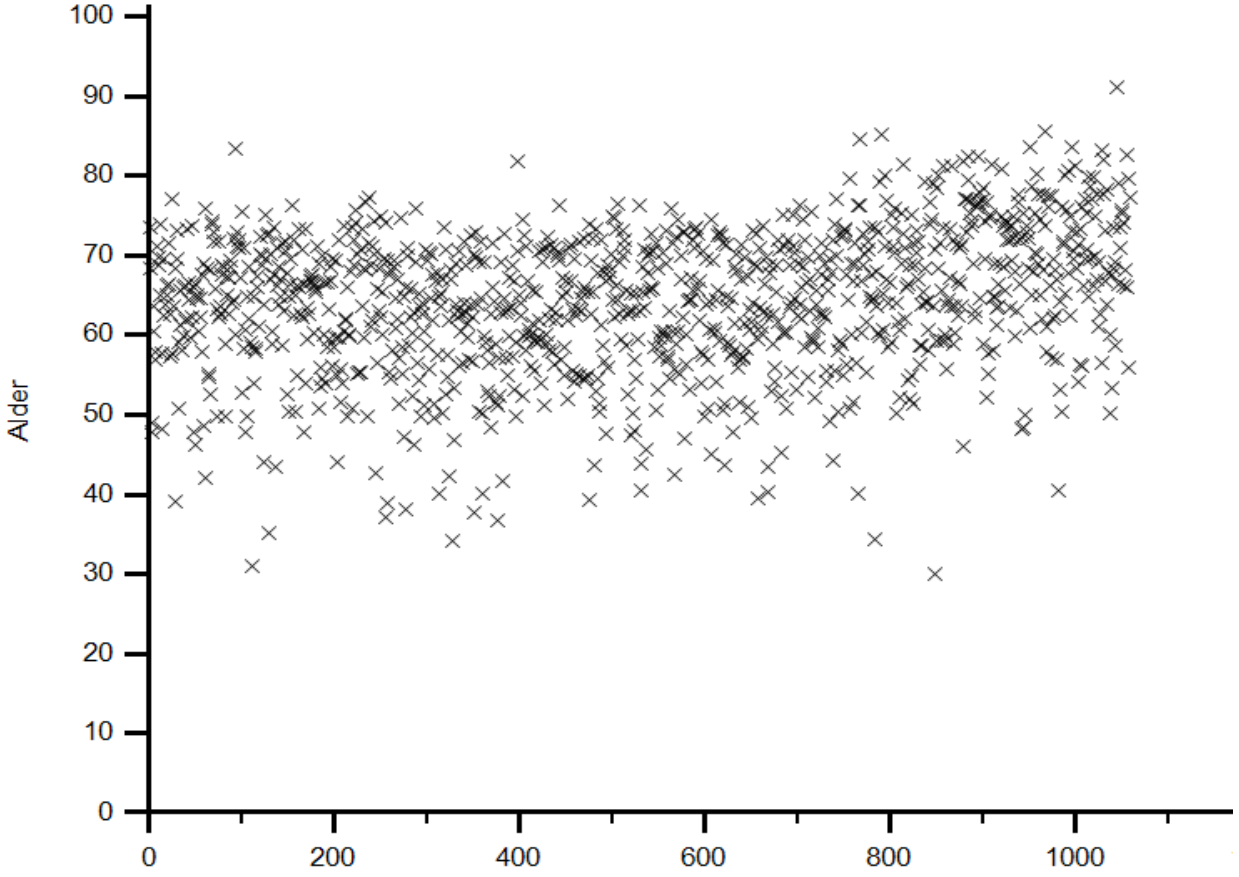





2
1
3

Hvem er den typiske cystektomi-patient?

- ¾ mand
- Ryger
- 70 år



Hvad indebærer en cystektomi også?

- Komplikationer ved ca. 60-65% af patienterne
- Perioperativ mortalitet 1-2% (90 dage)

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Bladder Cancer

Defining Early Morbidity of Radical Cystectomy for Patients with Bladder Cancer Using a Standardized Reporting Methodology

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Table 4 – Summary of complications by the highest grade experienced by each patient

Highest grade of complication	Overall	0–30 d	30–60 d	60–90 d
0	407 (36%)	478 (42%)	1005 (88%)	1073 (94%)
1	124 (11%)	117 (10%)	40 (4%)	15 (1%)
2	458 (40%)	430 (38%)	69 (6%)	39 (3%)
3	132 (12%)	98 (9%)	26 (2%)	15 (1%)
4	2 (0.2%)	2 (0.2%)	0 (0%)	0 (0%)
5	19 (2%)	17 (2%)	2 (0.2%)	0 (0%)

Table 5 – Summary of the most common complication experienced: (a) all grade complications; (b) Grade 3–5 complications*

(a) Rank by frequency of complication	Overall ($n = 199$)		0–30 d ($n = 149$)		30–60 d ($n = 33$)		60–90 d ($n = 17$)	
	Category	% Patients	Category	% Patients	Category	% Patients	Category	% Patients
1	GU	(28%)	GU	(24%)	GU	(42%)	GU†††	(36%)
2	Infectious	(23%)	Infectious	(20%)	Infectious	(30%)	Infectious†††	(36%)
3	GI†	(9%)	Pulmonary	(11%)	GI	(12%)	GI	(18%)
4	Cardiac†	(9%)	Cardiac	(10%)	Cardiac	(6%)	Surgical††††	(6%)
5	Pulmonary†	(9%)	DVT/PE	(9%)	3%††	3%††	DVT/PE††††	(6%)

(b) Rank by frequency of complication	Overall ($n = 1637$)		0–30 d ($n = 1316$)		30–60 d ($n = 221$)		60–90 d ($n = 100$)	
	Category	% Patients	Category	% Patients	Category	% Patients	Category	% Patients
1	GI	(24%)	GI	(26%)	Infectious	(33%)	Infectious	(37%)
2	Infectious	(21%)	Infectious	(17%)	GI	(17%)	GI	(20%)
3	Wound	(12%)	Wound	(12%)	GU	(14%)	GU	(16%)
4	Cardiac	(9%)	Cardiac	(10%)	Wound	(9%)	Wound	(8%)
5	GU	(9%)	Pulmonary	(7%)	DVT/PE	(7%)	Bleeding	(5%)

n, number of complications; GU, gentourinary; GI, gastrointestinal; DVT, deep venous thrombosis; PE, pulmonary embolism.

* Patients who experienced multiple complications of the same category are counted more than once.

† GI, cardiac, and pulmonary each had 17 complications.

†† Wound, neurologic, and miscellaneous each had one complication.

††† GU and infection each had six complications.

†††† Surgical and thromboembolic each had one complication.

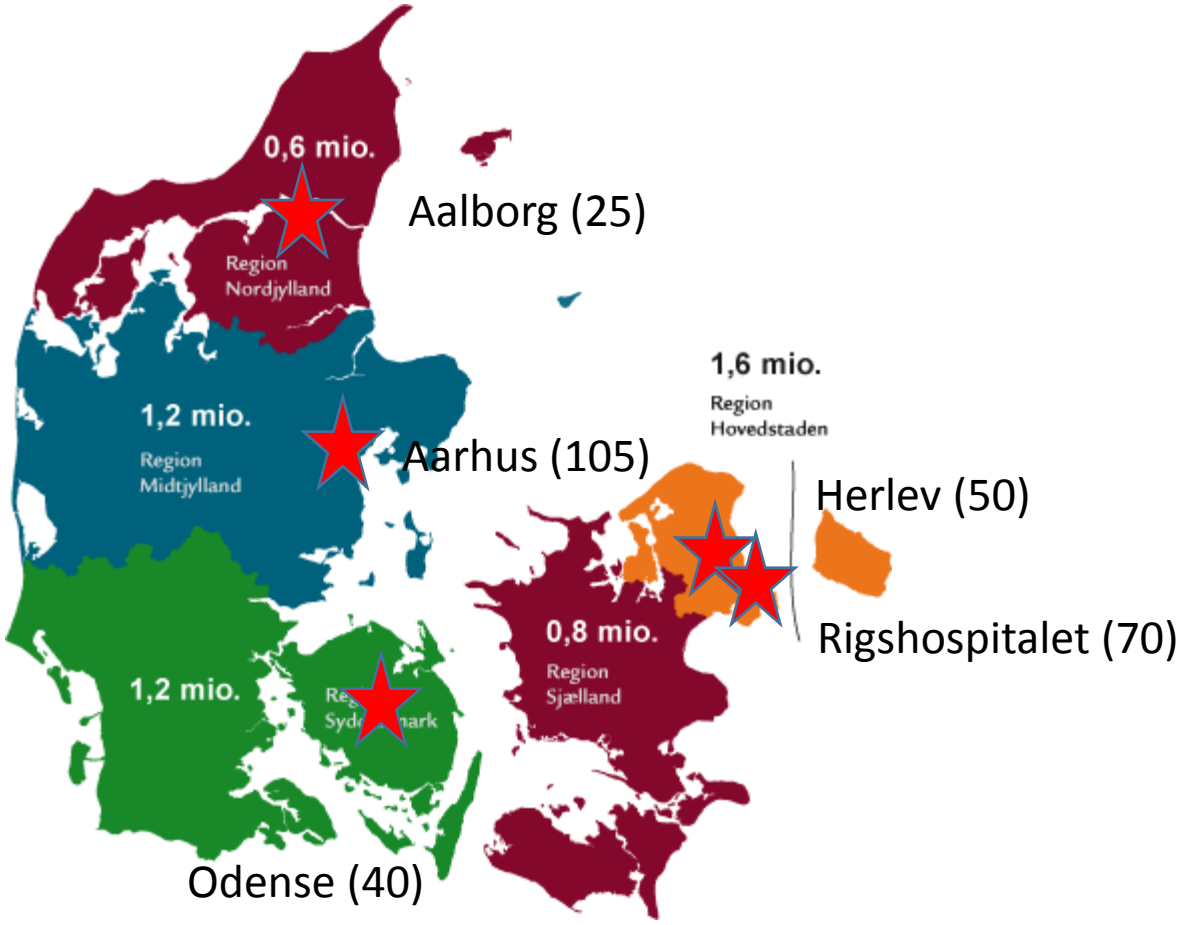
Category (% of Total*)	Complication	Frequency†
Gastrointestinal (29%; $n = 335$)	Ileus**	183
	SBO	82
	Constipation***	30
	Clostridium difficile colitis	28
	Gastrointestinal bleeding	15
	Emesis	5
	Anastomotic bowel leak	10
	Diarrhea	10

Hvad kræves af et cystektomicenter for at levere god kvalitet?

Høj standard inden for:

- Præoperativ vurdering af patienterne
- Kirurgi
- Postoperativ observation
- Håndtering af komplikationer

Fremtidens kirurgiske behandling af blærecancer?



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