HOSPITAL UNIVERSITÁRIO

RISOLETA TOLENTINO NEVES

Case

- 19-year-old male
- GSW abdomen (hypogastrium)
- Presents 45 minutes post-trauma

Presentation

- Airway patent
- RR 22, Bilateral Breath Sounds
- HR 130, Pale, SBP 100mmHg
- GCS 15
- One orifice in the hypogastrium; no exit
- Peritoneal signs

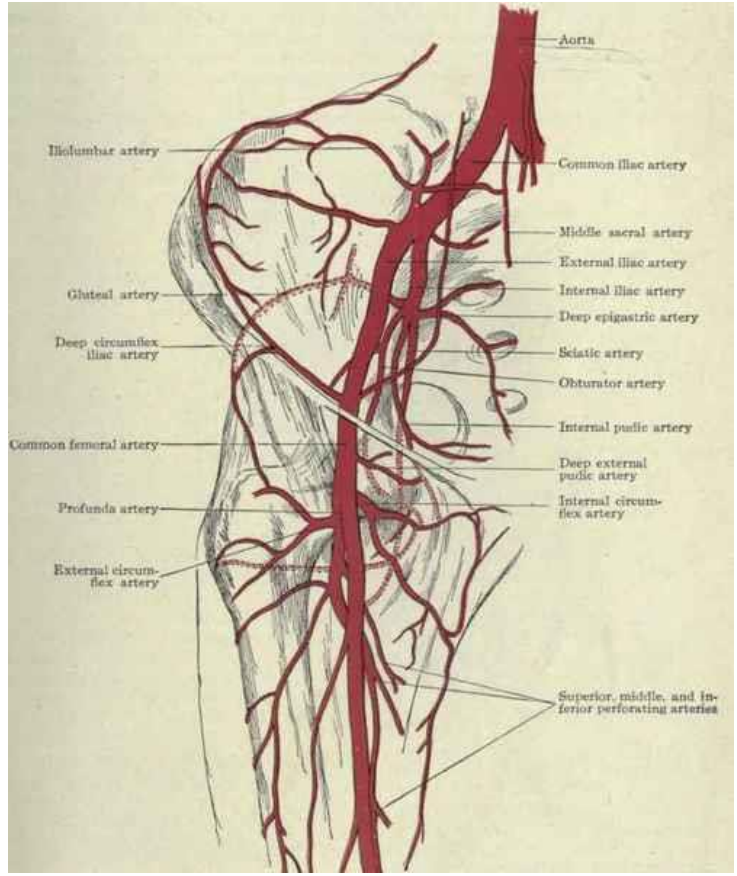
Next Step

Image? Other?

Laparotomy?

Laparotomy:

- Hemoperitoneum (2500ml)
- Transection of the Left External Iliac artery + active bleeding
- 8 jejunal injuries



Intra-op:

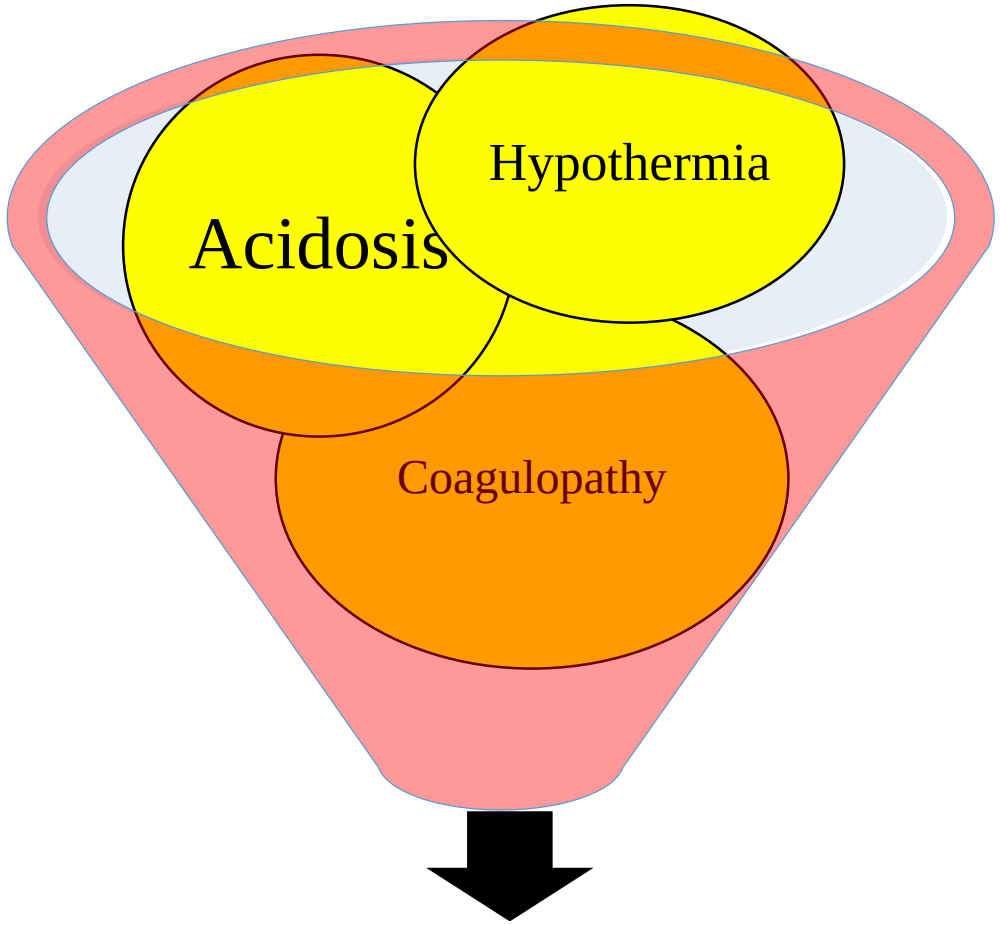
Labs

- Hb 6.2
- INR 2.97
- Lactate 6.1
- pH 7.12
- BE – 14.9

Drugs

- Noradrenalin 20ml/h
- MAP 50mmHg

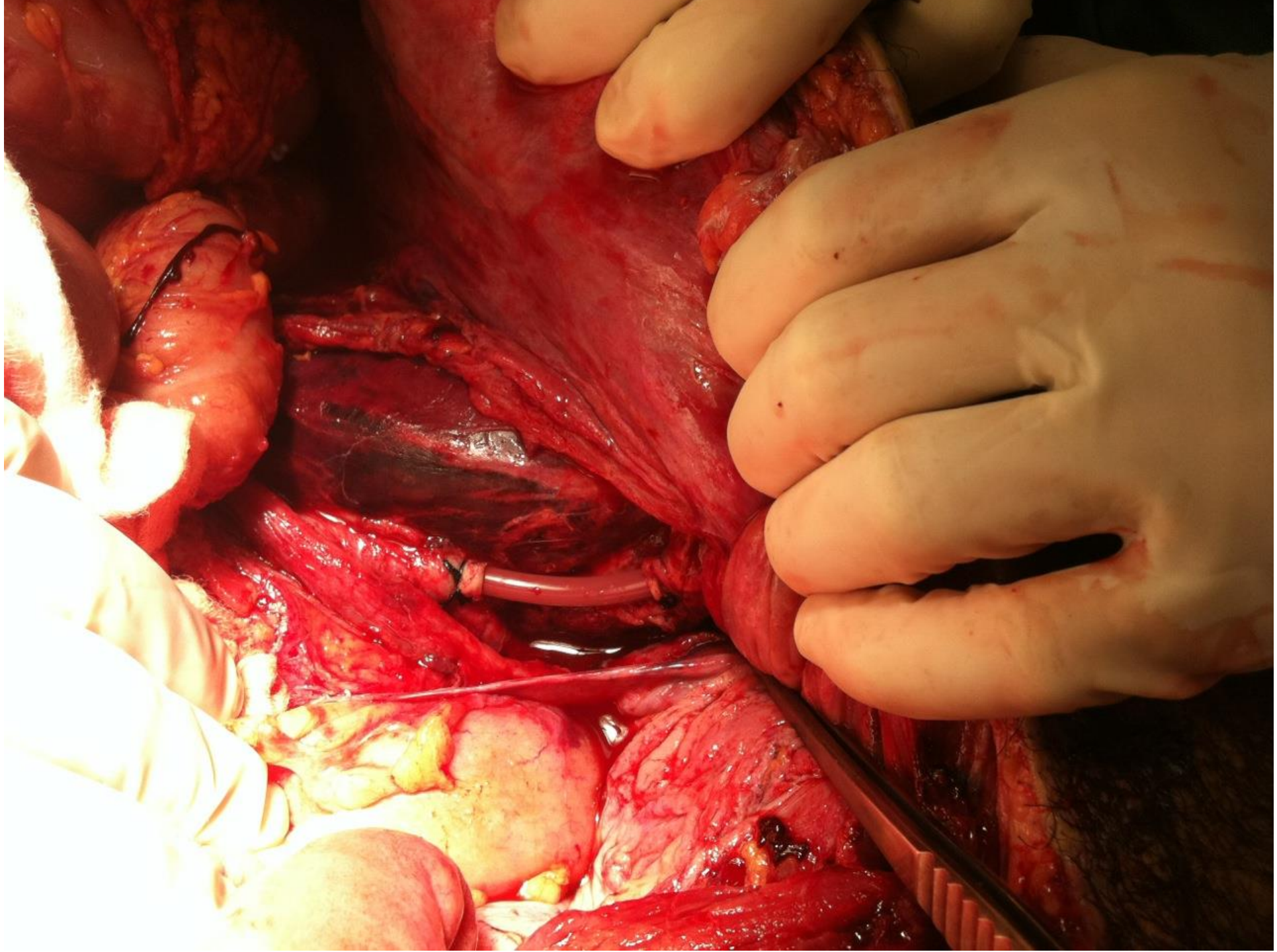
Next Step?



Damage Control

What type?

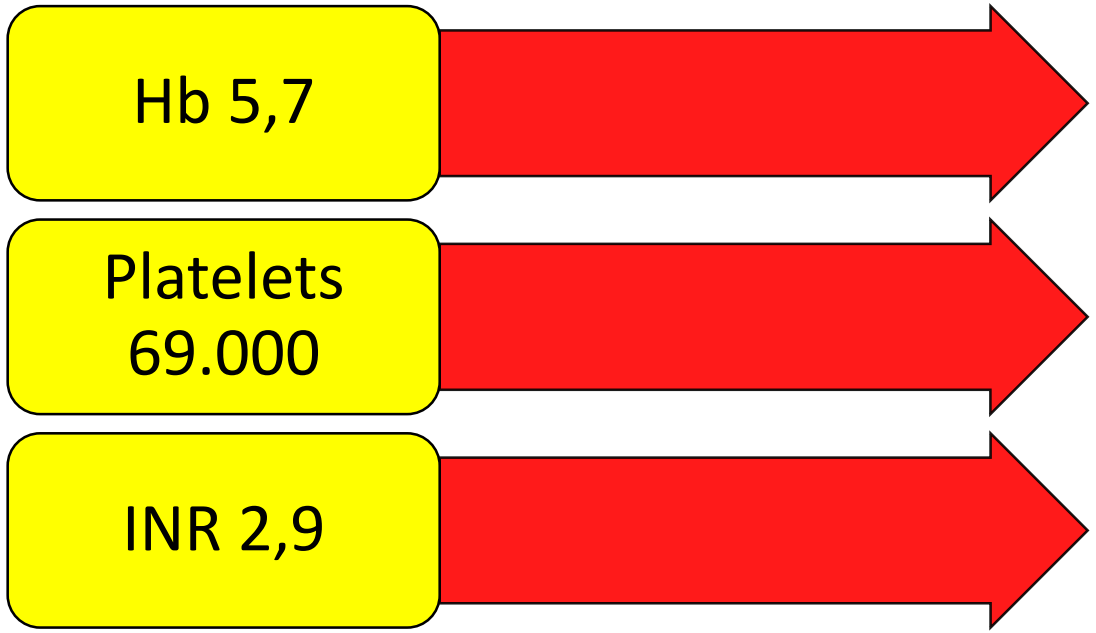
- Stapple off jejunal segment (80 cm resection)
- Shunt L.E. Iliac Artery; Nasogastric tube (n° 18)
- MTP
- Laparostomy
- Bail out



ICU

- Immediately Post-op – (19/07/2011 – 18h)

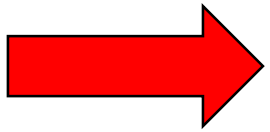
- Noradrenalin 40ml/h
- HR 156
- MAP 56mmHg



9 hours post-op.:

- Noradrenalin 90ml/h – double strength
- ~ 600ml bleeding from the laparostomy (Bogota Bag)
- Lactate 13.7

Next Step? Take Back or not?



2nd Look!

- Diffuse Bleeding
- Sponges (Tamponade)

48h Post-op:

1. Labs:

Na: 138	**K: 5.0**	**pH 7.31**	**BE – 3.8**	**Creatinin 1.69**
Lactate 3.2	**Hgb 8.5**	**Platelets 85000**	**INR 1.92**	**PTT 52/26**

2. Noradrenalin 30ml/h

   FC 123 bpm

   MAP 65 mmHg

3rd OR

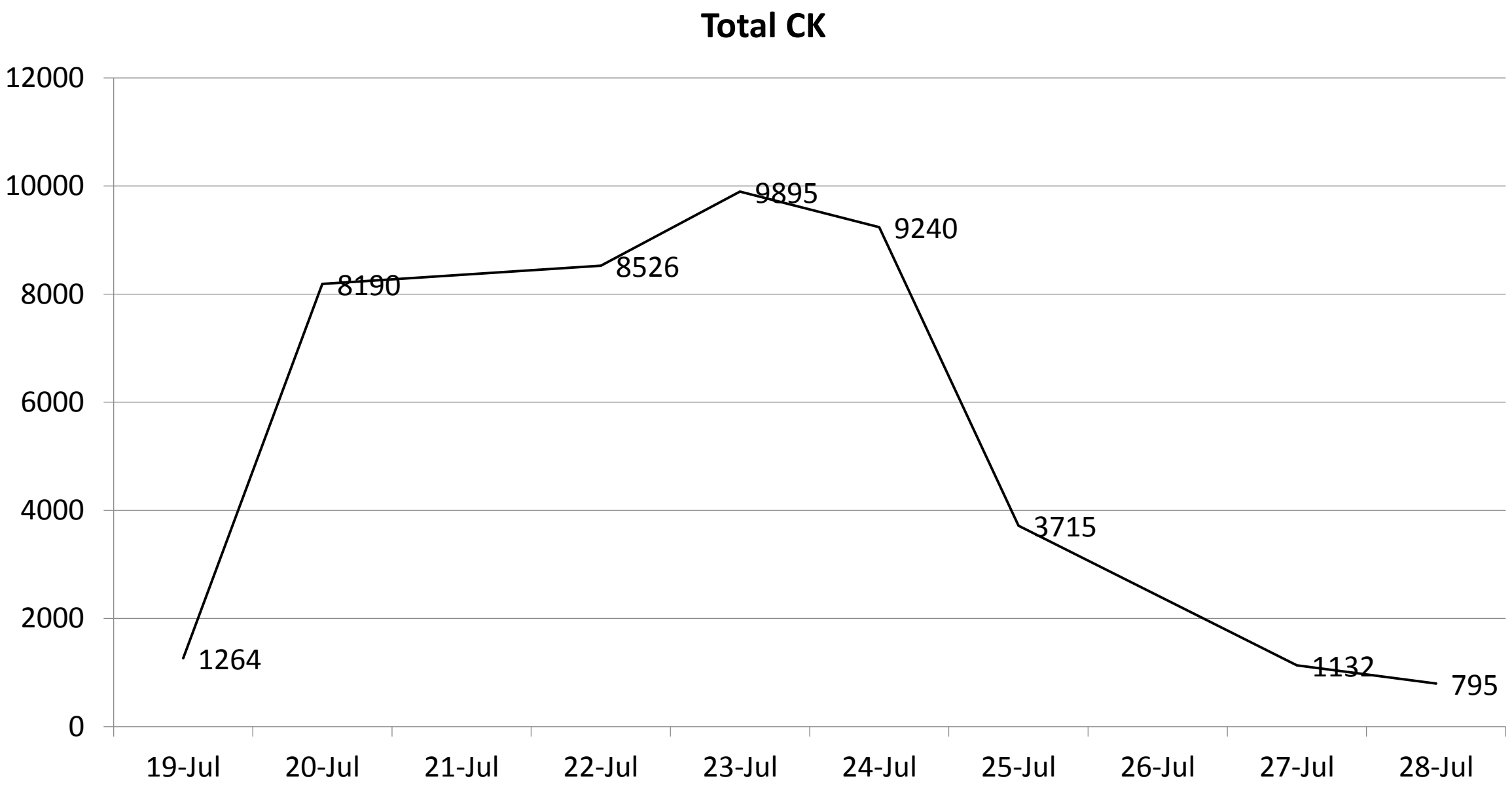
Sponge removal +
Jejunal anastomosis

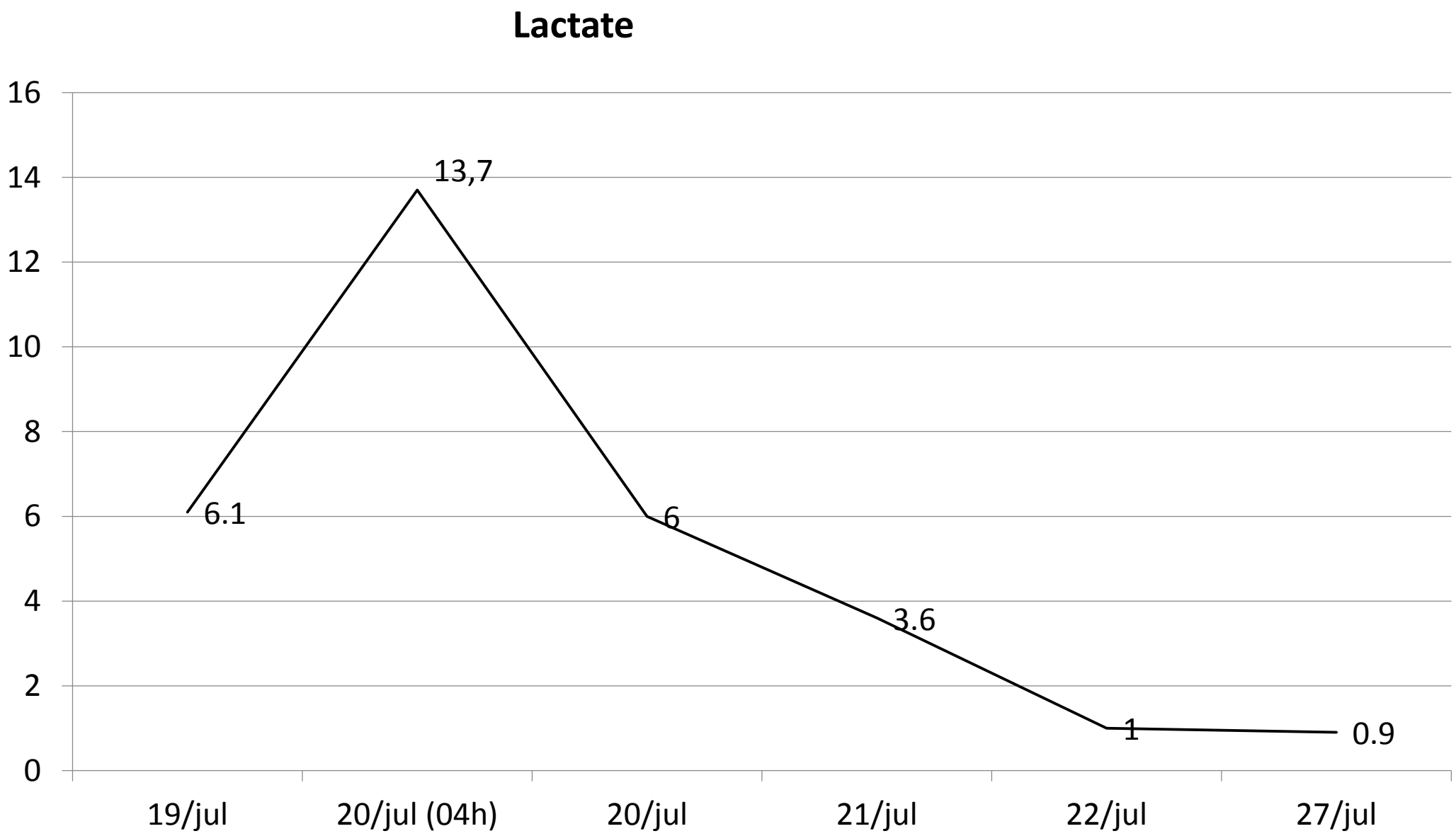
900ml PRBC

800ml FFP

Saphaneous Vein
Graft to the Left
External Iliac Artery

Abdominal Closure


Total CK
12000
10000
8000
6000
4000
2000
0
1264
8190
8526
9895
9240
3715
1132
795
19-Jul
20-Jul
21-Jul
22-Jul
23-Jul
24-Jul
25-Jul
26-Jul
27-Jul
28-Jul


Lactate
16
14
12
10
8
6
4
2
0
13,7
6.1
6
3.6
1
0.9
19/jul
20/jul (04h)
20/jul
21/jul
22/jul
27/jul

Outcome

- Off pressors and extubated on Post Op.day 5
- Discharged from ICU Post Op. day 8
- Discharged from Hospital Post Op. day 11