

I CONGRESSO
AMAZÔNICO DE ONCOLOGIA
DO HOSPITAL OPHIR LOYOLA

DESAFIOS TECNOLÓGICOS E INOVAÇÃO - ENSINO, PESQUISA E ASSISTÊNCIA

15 DE
NOVEMBRO

HANGAR

CENTRO DE CONVENÇÕES
DA AMAZÔNIA

TRAV. DR. FREITAS, S/N - MARCO

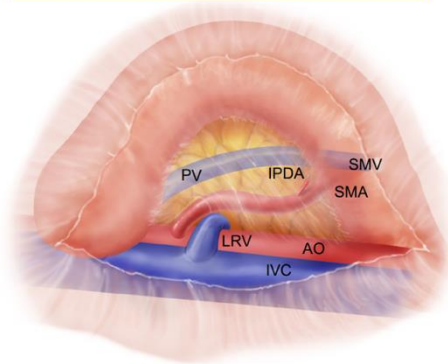
BELÉM - PARÁ

Artery first: uma necessidade estratégica e oncológica na gastroduodenopancreatectomia?

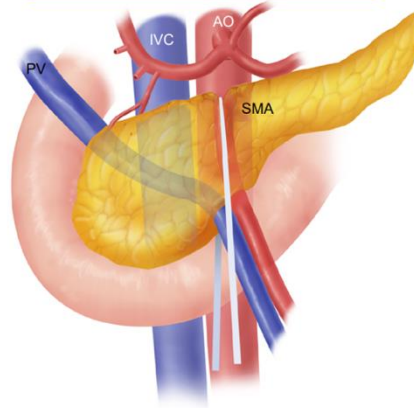
Orlando Jorge Martins Torres
Department of Gastrointestinal Surgery
Hepatopancreatobiliary Unit
Maranhao Federal University - Brazil

ARTERY FIRST APPROACH

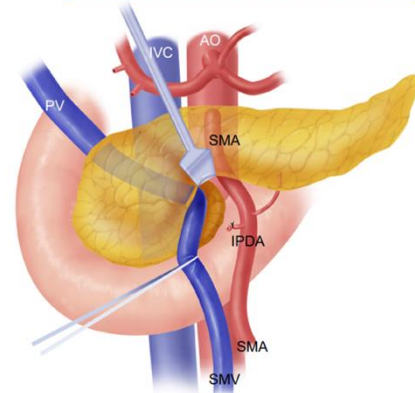
RIGHT POSTERIOR APPROACH



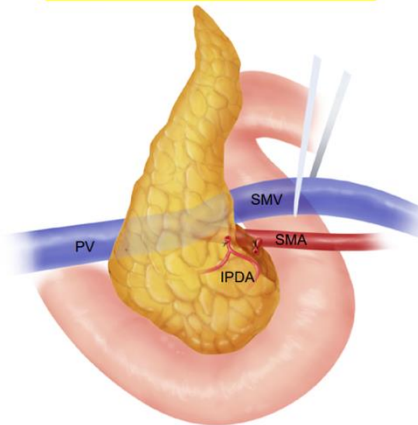
SUPERIOR APPROACH



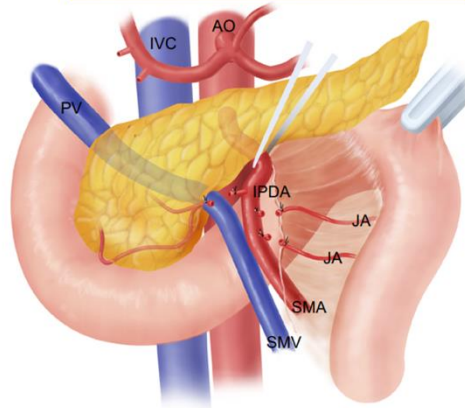
ANTERIOR APPROACH



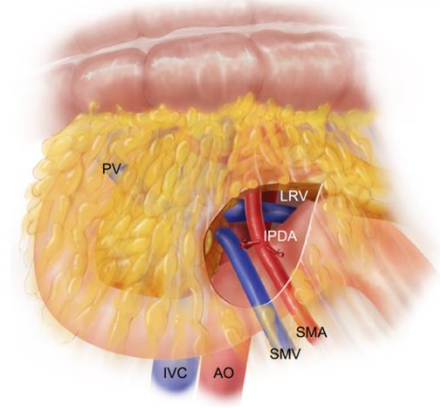
UNCINATE APPROACH



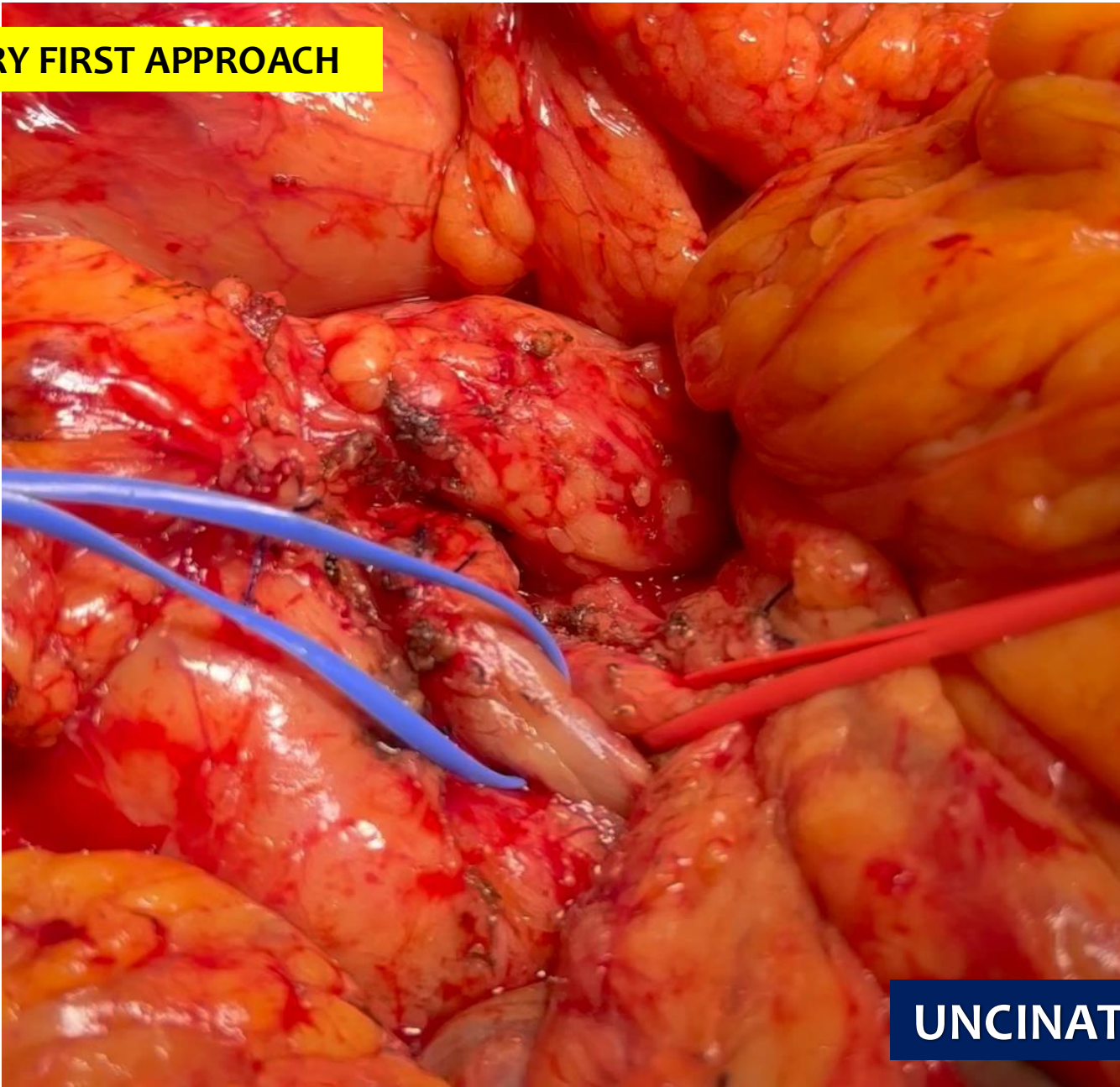
LEFT POSTERIOR APPROACH



MESENTERIC APPROACH

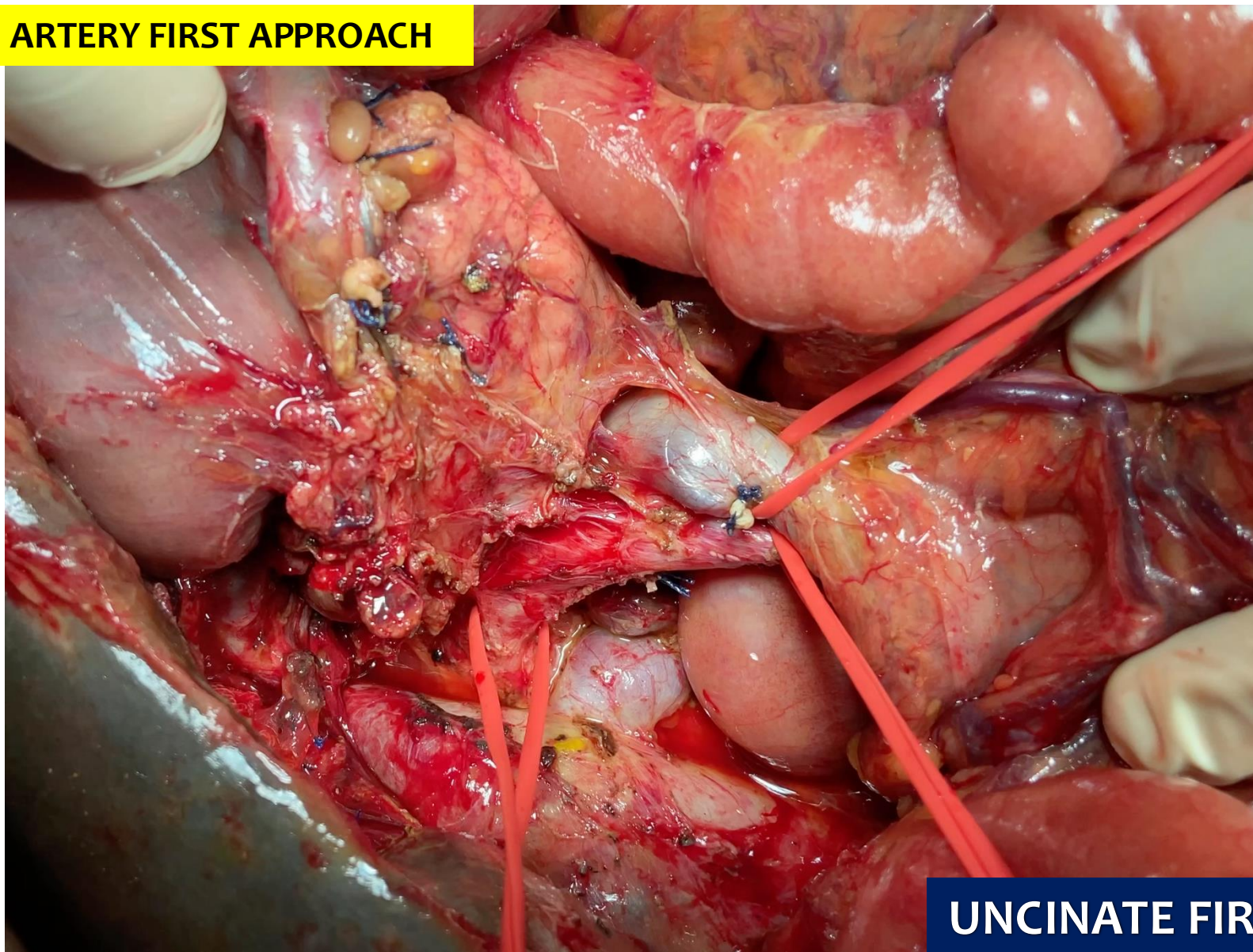


ARTERY FIRST APPROACH

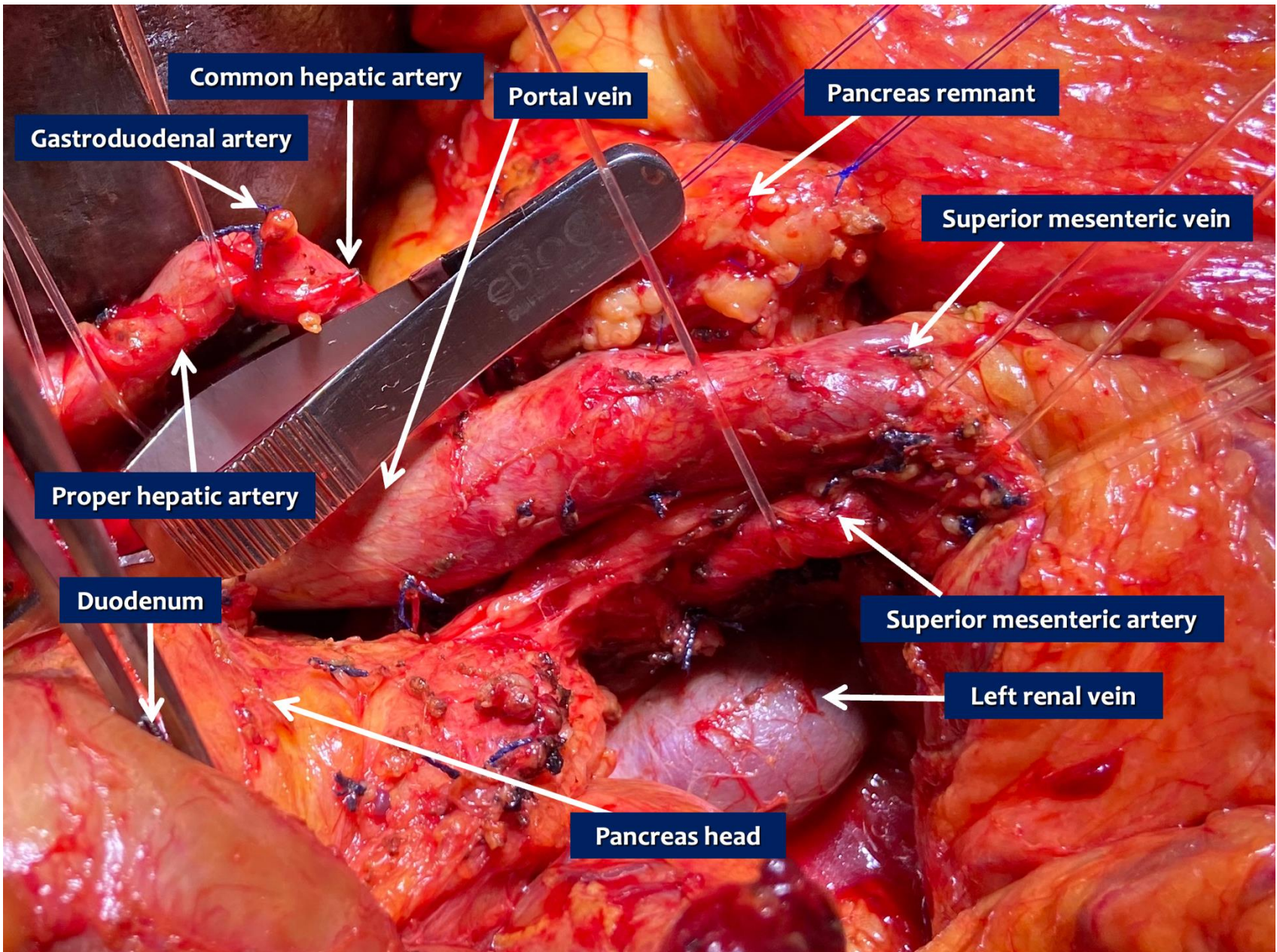


UNCINATE FIRST

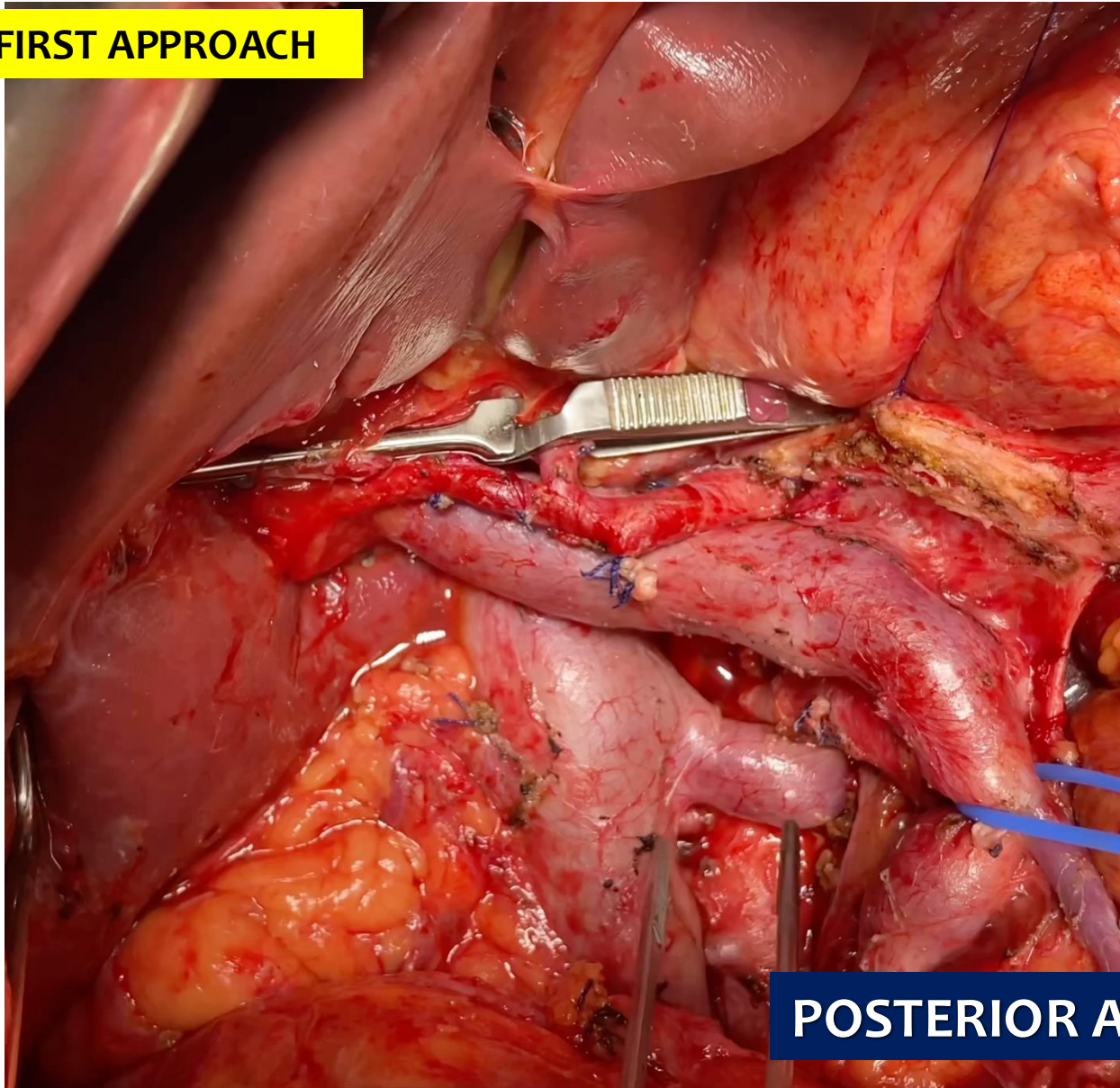
ARTERY FIRST APPROACH



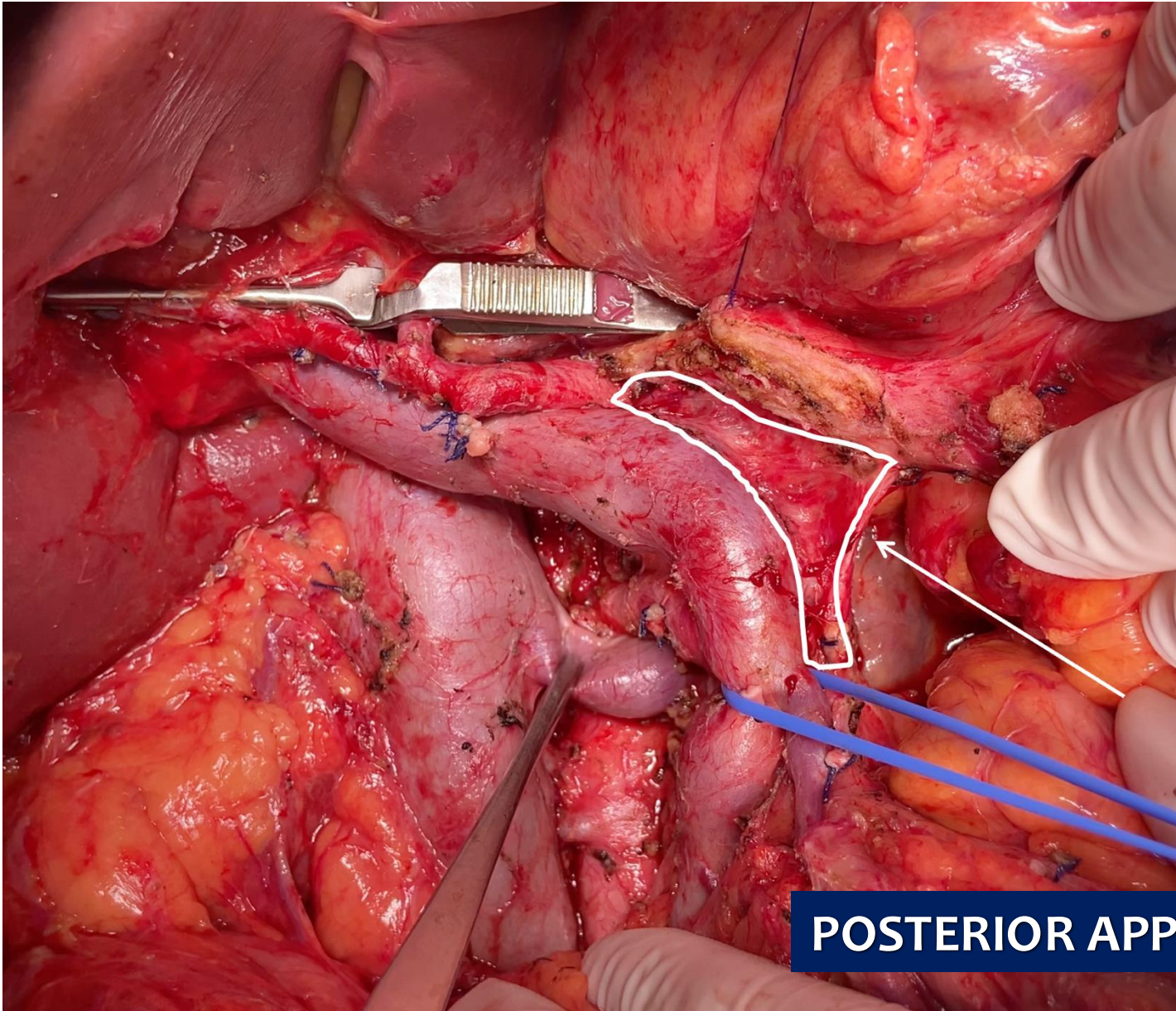
UNCINATE FIRST



ARTERY FIRST APPROACH

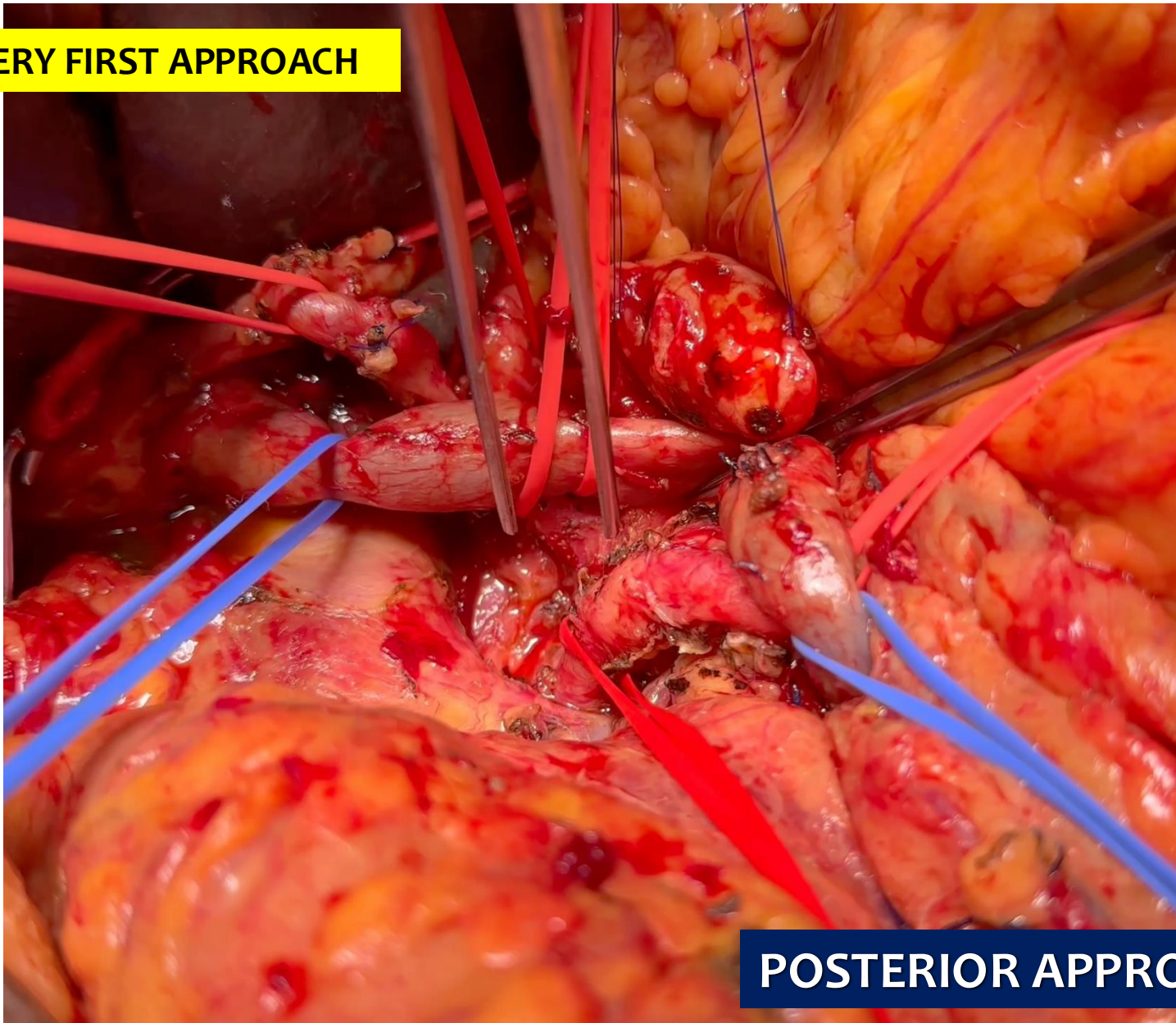


POSTERIOR APPROACH



POSTERIOR APPROACH

ARTERY FIRST APPROACH



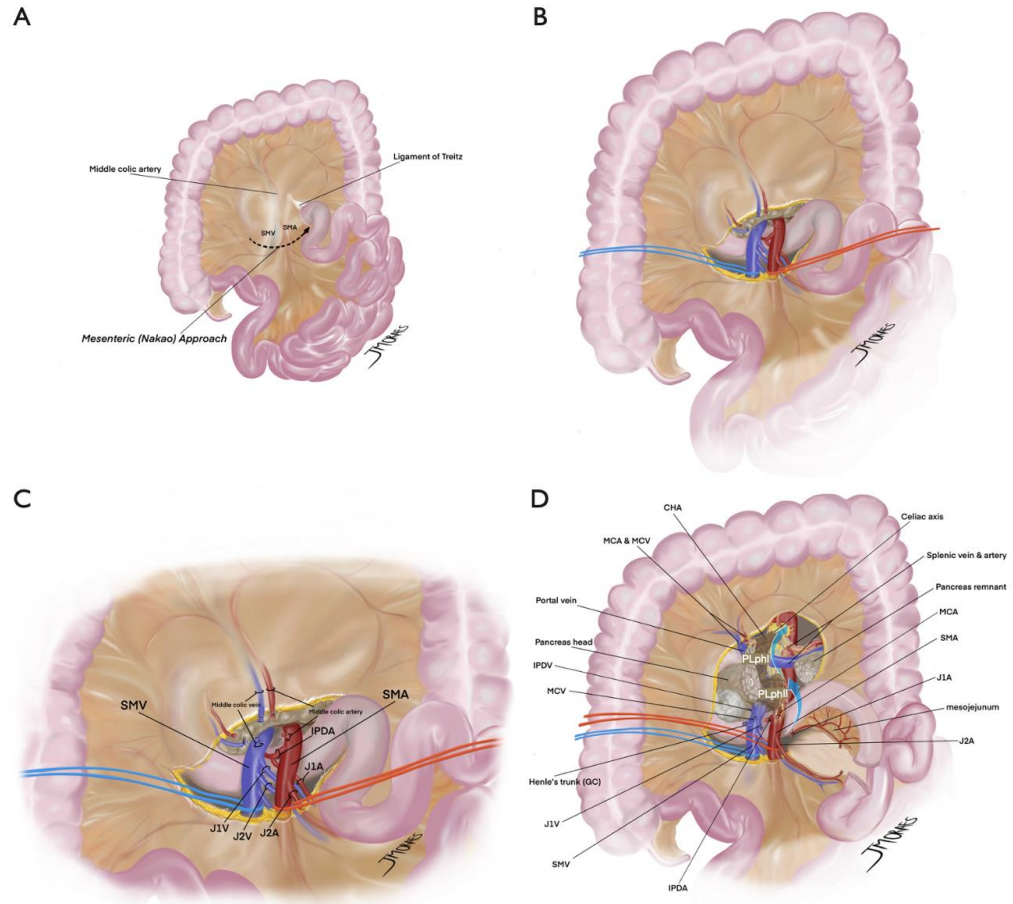
POSTERIOR APPROACH



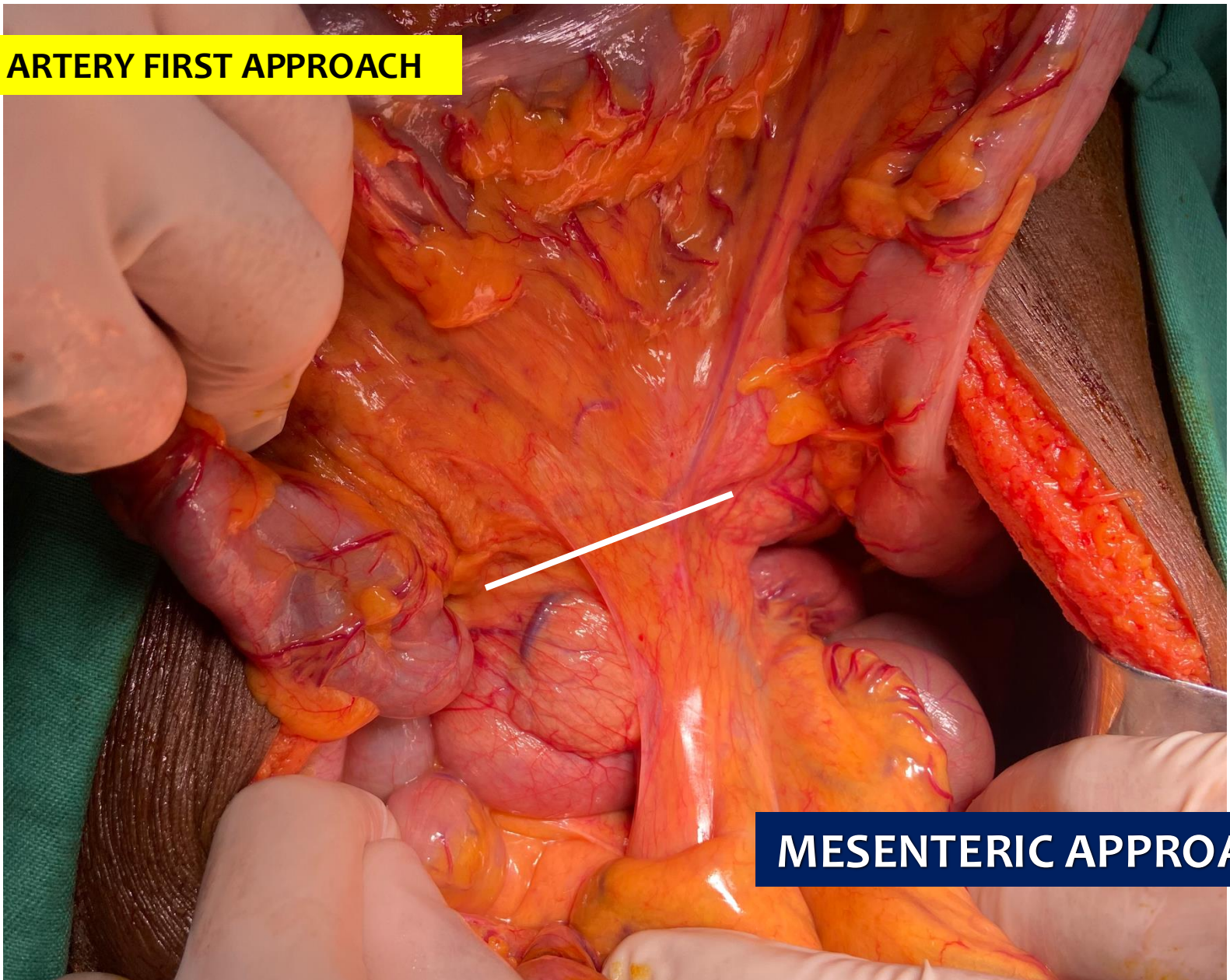
A more radical perspective on surgical approach and outcomes in pancreatic cancer—a narrative review

Eduardo de Souza M. Fernandes^{1,2,3}, Felipe Pedreira T. de Mello^{1,2}, Eduardo Pinho Braga¹, Gabrielle Oliveira de Souza¹, Ronaldo Andrade^{1,2}, Leandro Savatone Pimentel^{1,2}, Camila Liberato Girão^{1,2}, Munique Siqueira^{1,2}, José Maria A. Moraes-Junior^{6,7}, Romulo Varella de Oliveira⁴, Nicolas Goldaracena⁵, Orlando Jorge M. Torres^{6,7}

MESENTERIC APPROACH

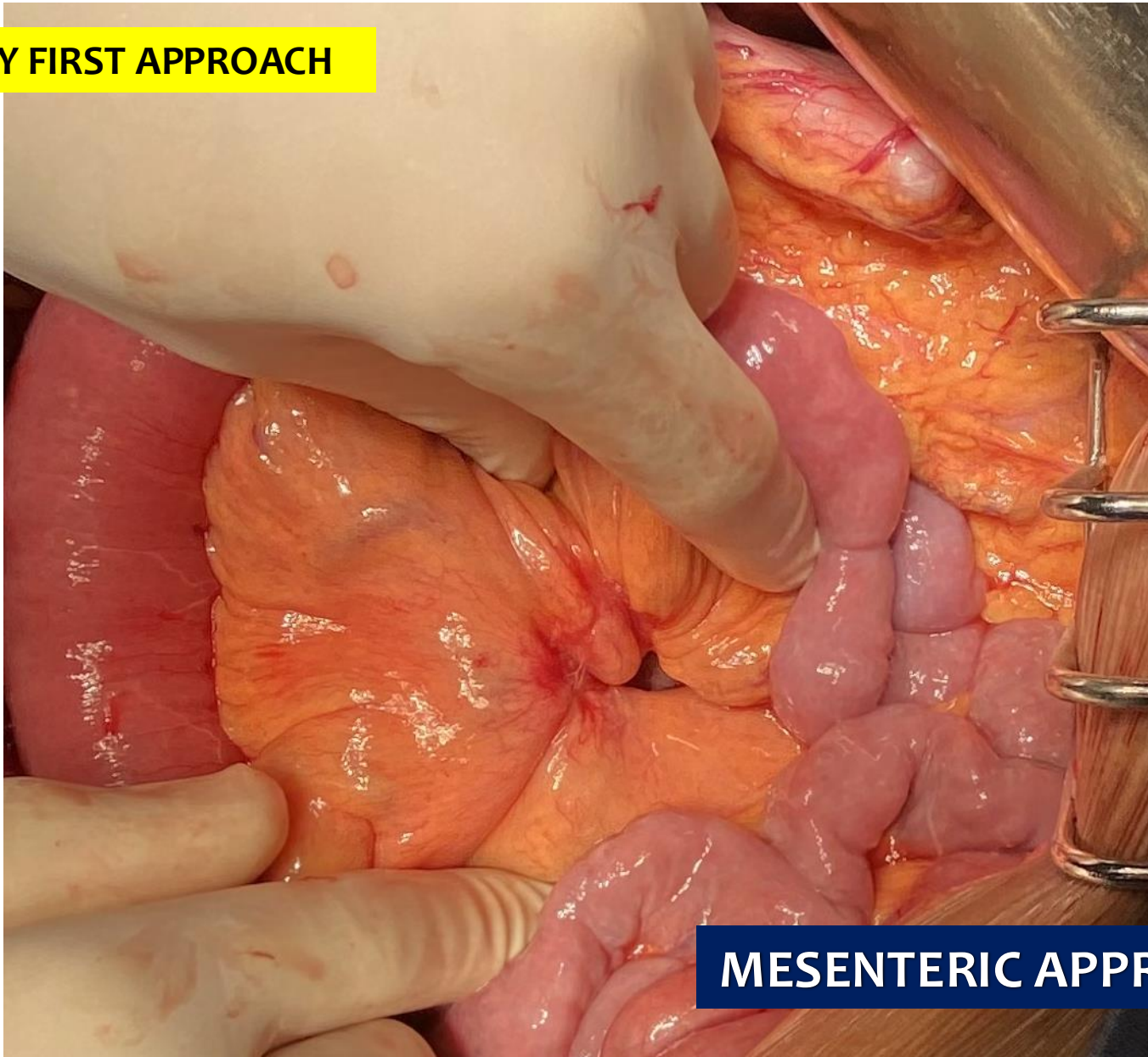


ARTERY FIRST APPROACH



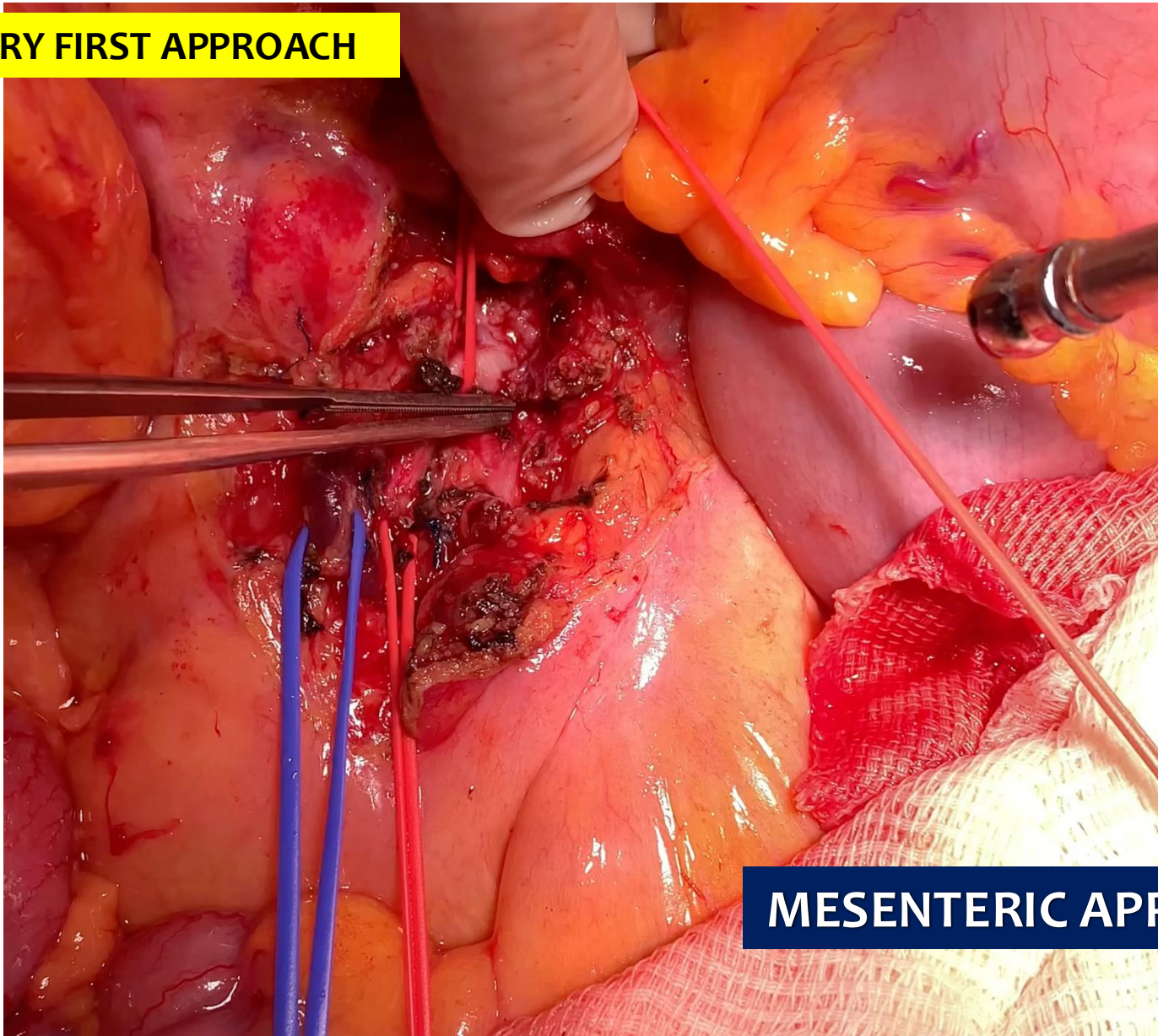
MESENTERIC APPROACH

ARTERY FIRST APPROACH



MESENTERIC APPROACH

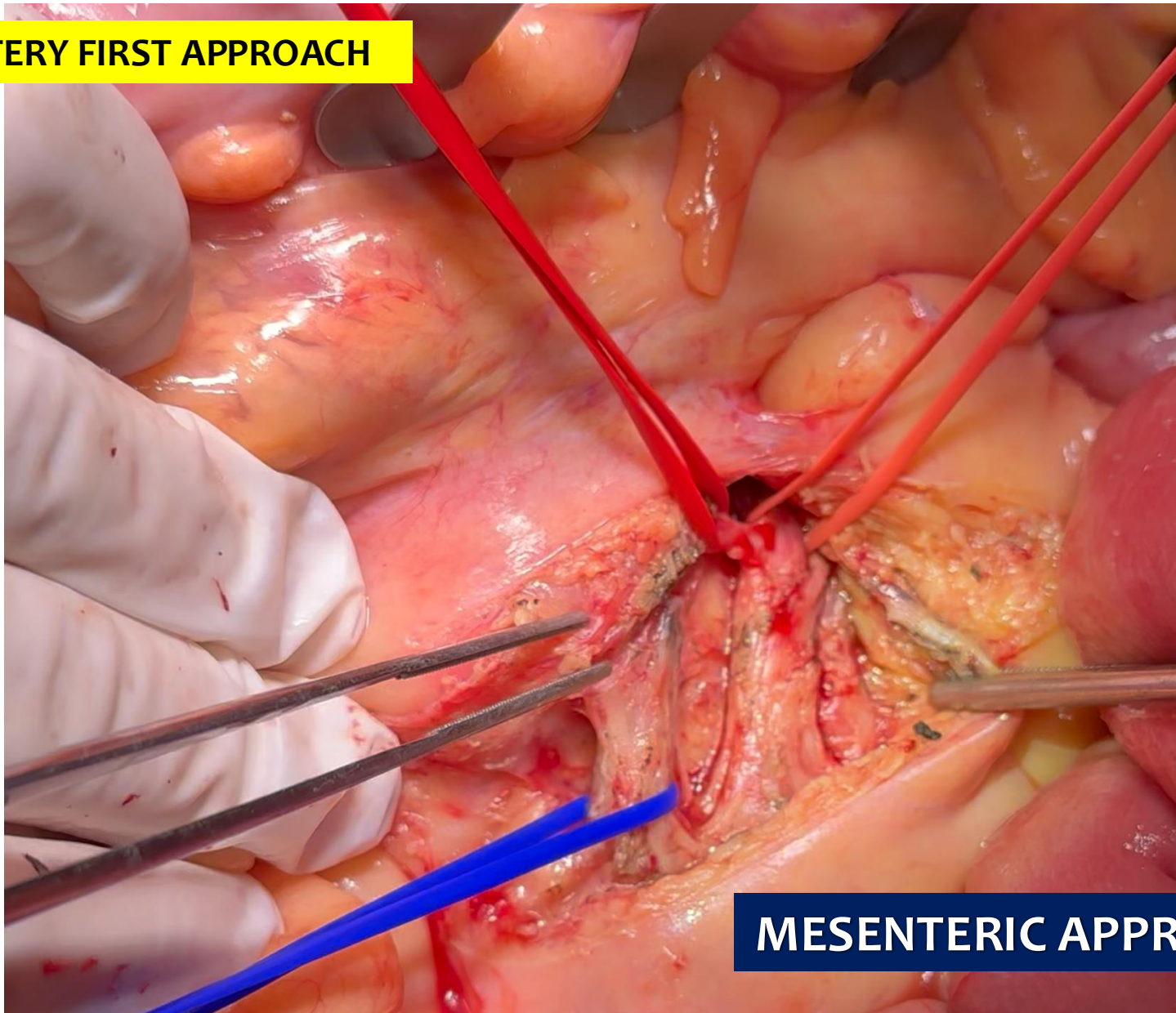
ARTERY FIRST APPROACH



MESENTERIC APPROACH

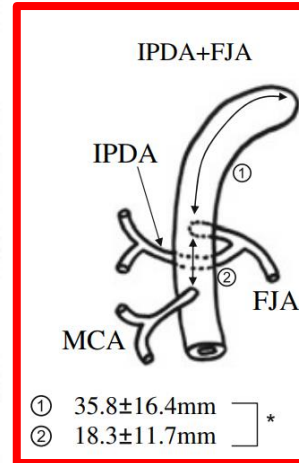
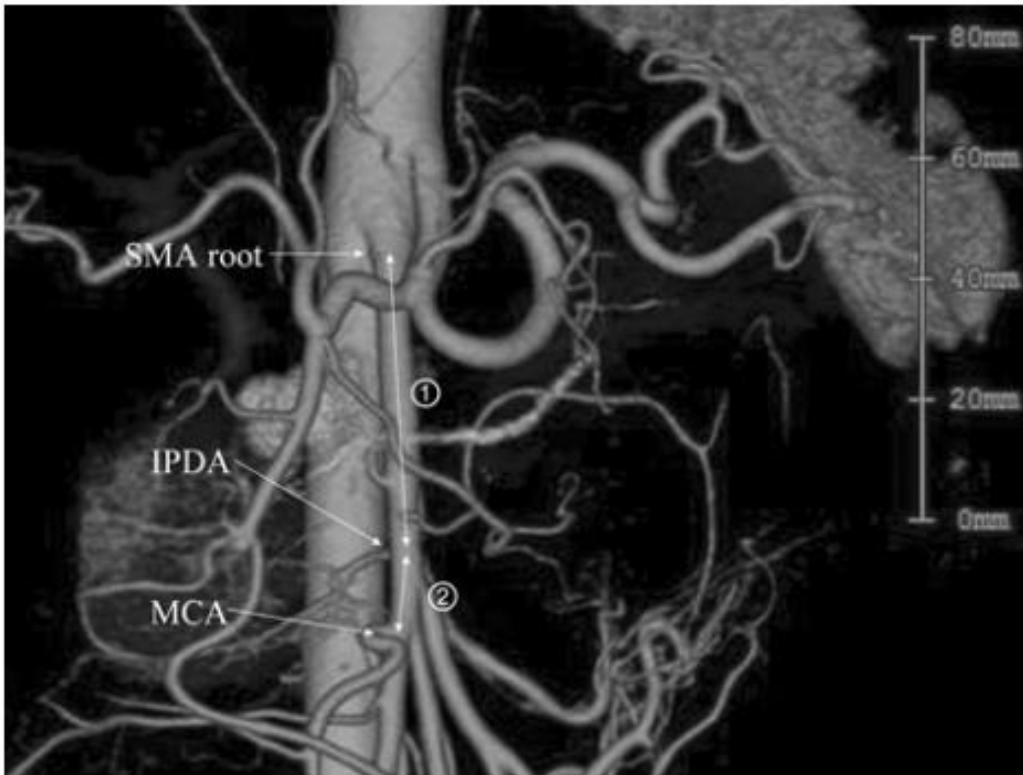


ARTERY FIRST APPROACH

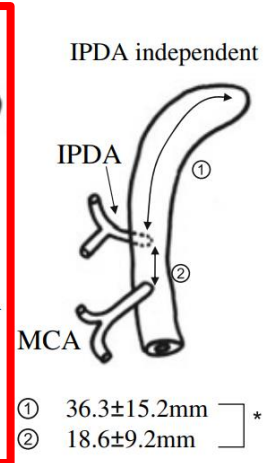


MESENTERIC APPROACH

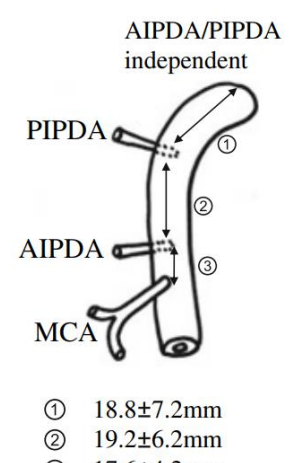
INFERIOR PANCREATODUODENAL ARTERY



① 35.8±16.4mm
② 18.3±11.7mm]*



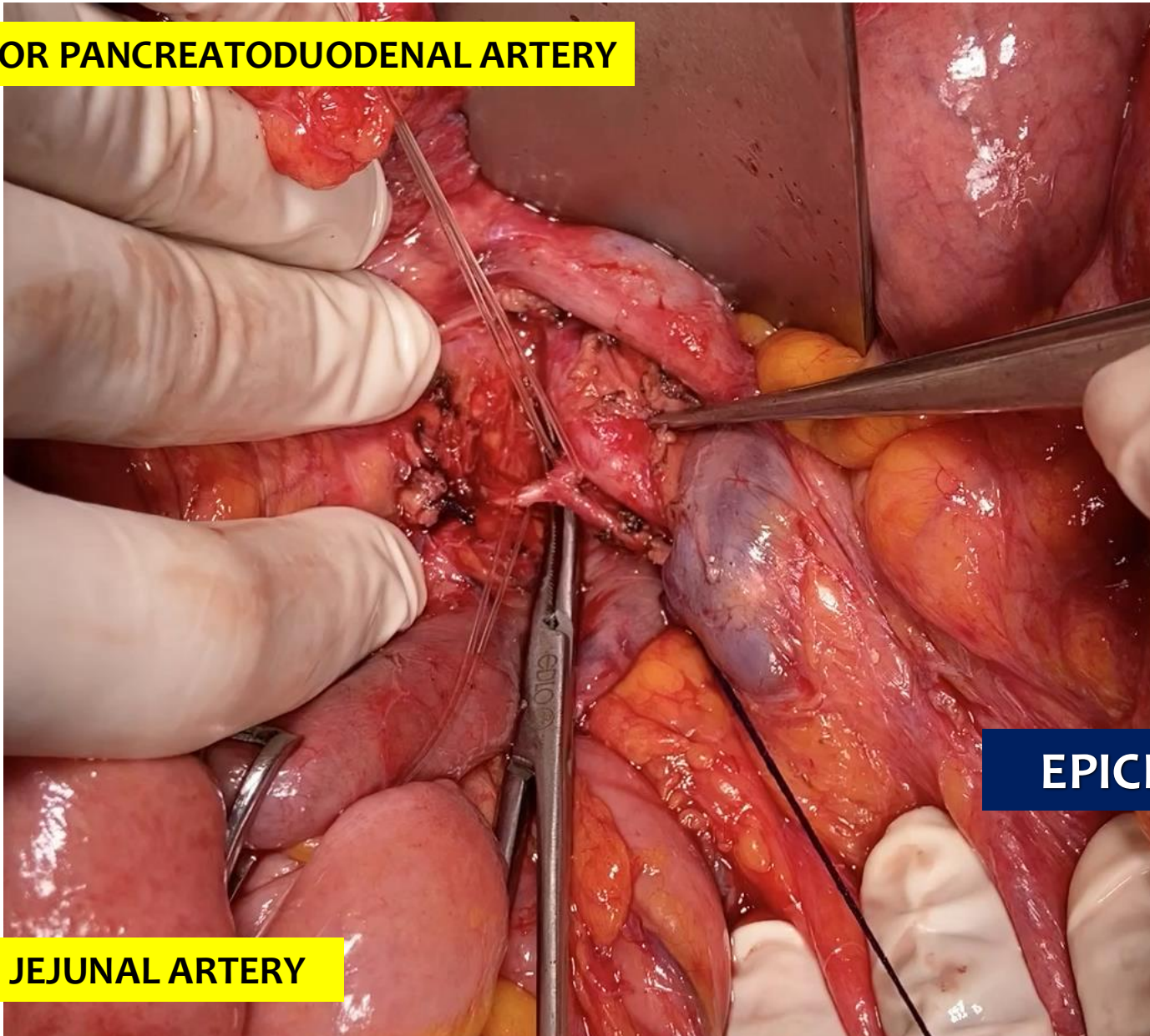
① 36.3±15.2mm
② 18.6±9.2mm]*



① 18.8±7.2mm
② 19.2±6.2mm
③ 17.6±4.2mm

IPDA

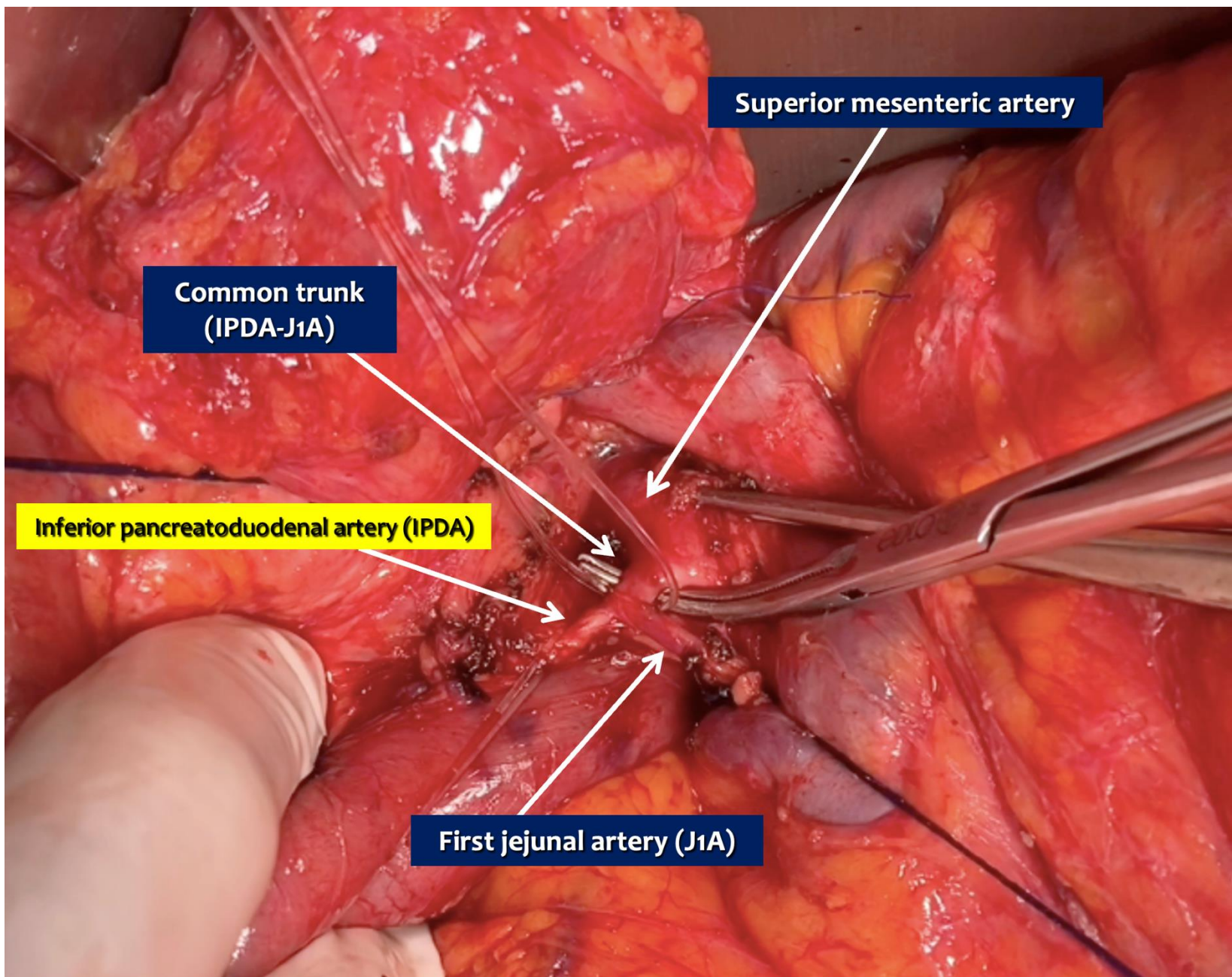
INFERIOR PANCREATODUODENAL ARTERY



EPICENTER

FIRST JEJUNAL ARTERY





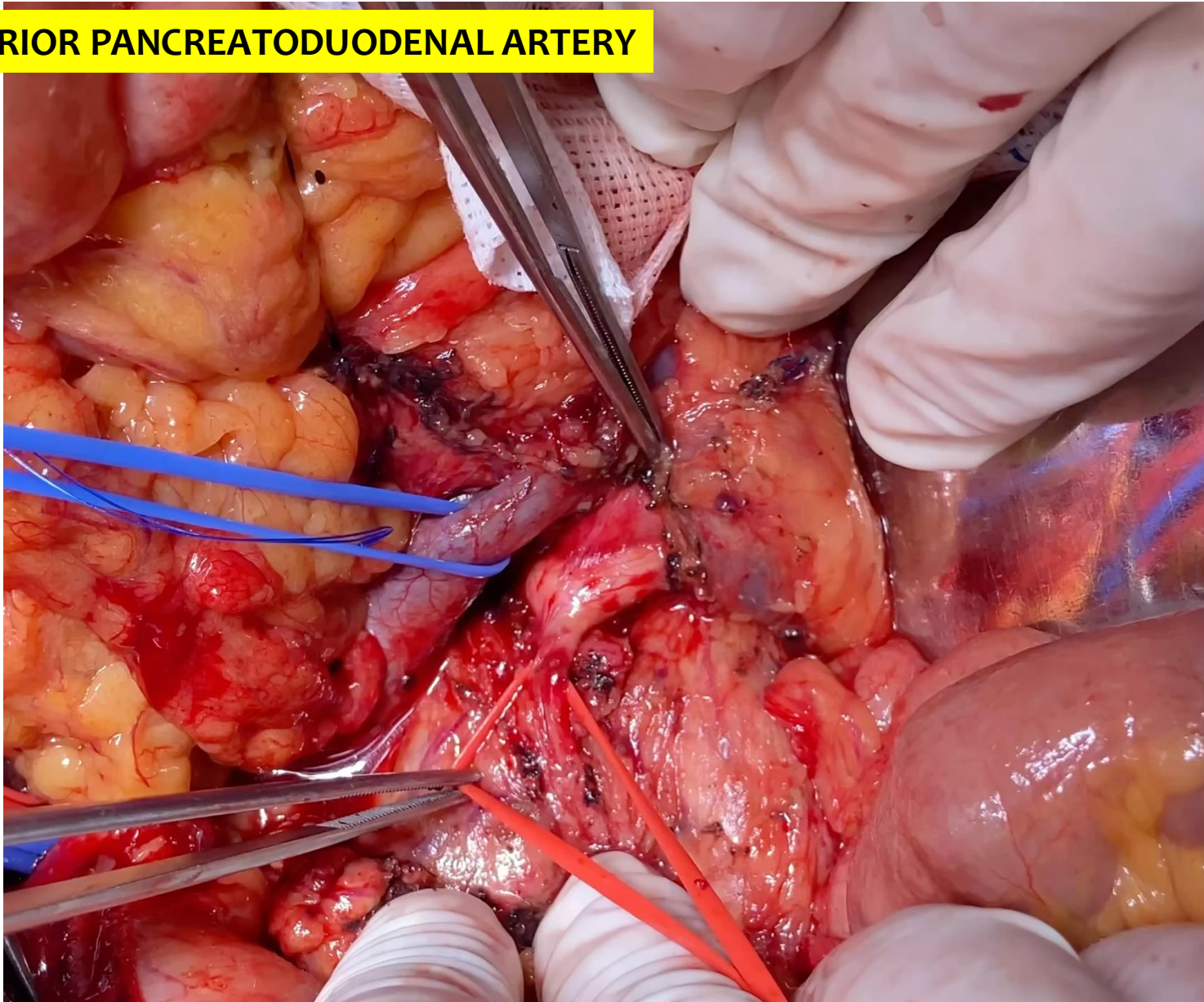
Superior mesenteric artery

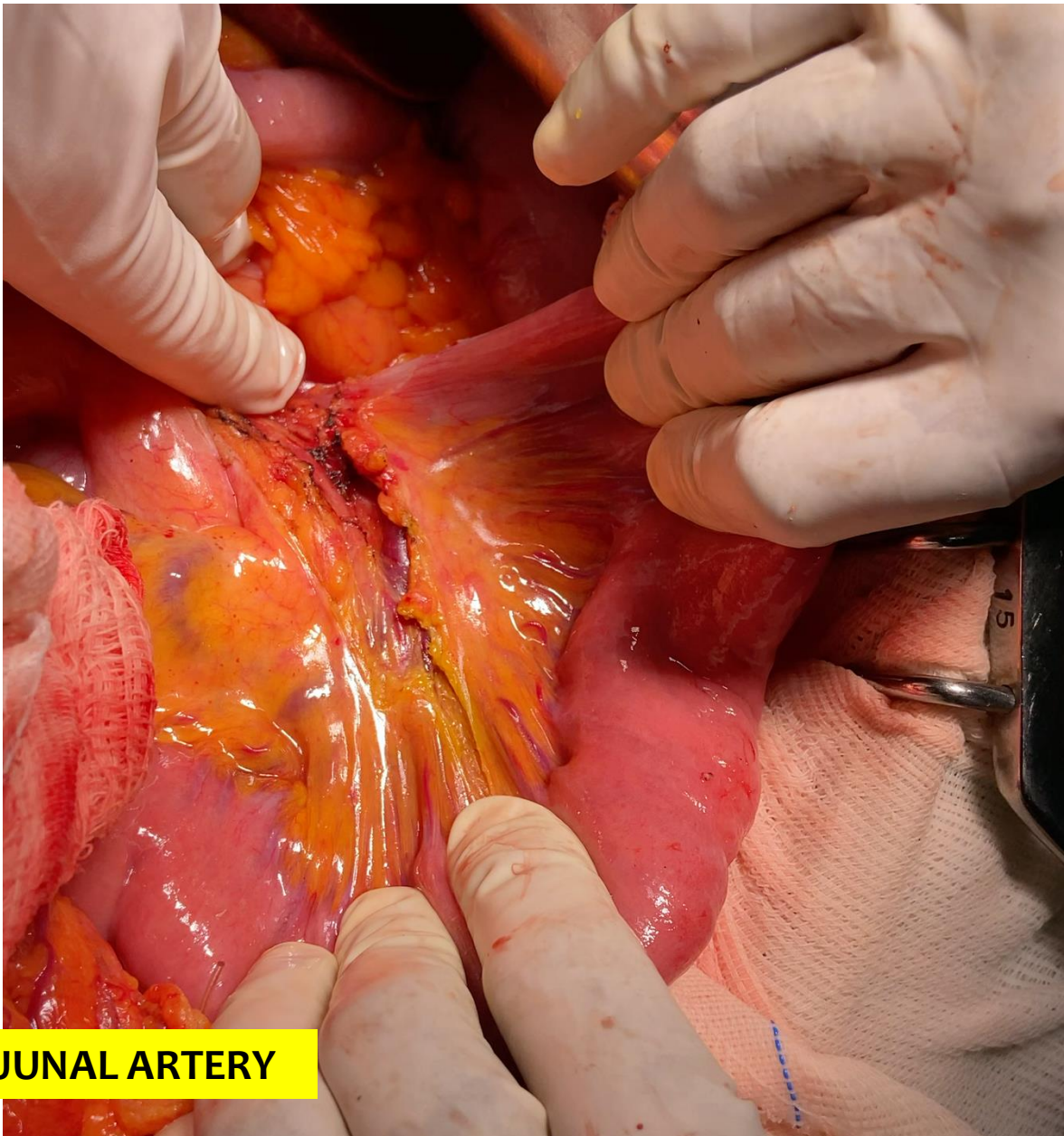
Common trunk
(IPDA-J1A)

Inferior pancreaticoduodenal artery (IPDA)

First jejunal artery (J1A)

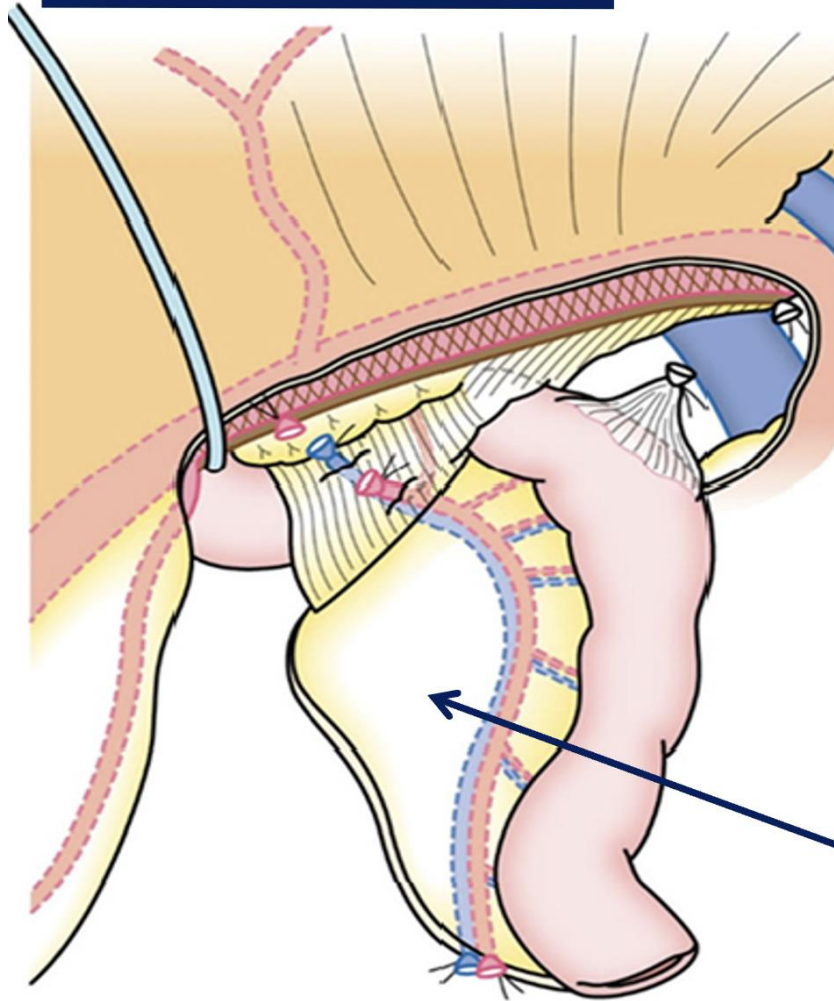
INFERIOR PANCREATODUODENAL ARTERY





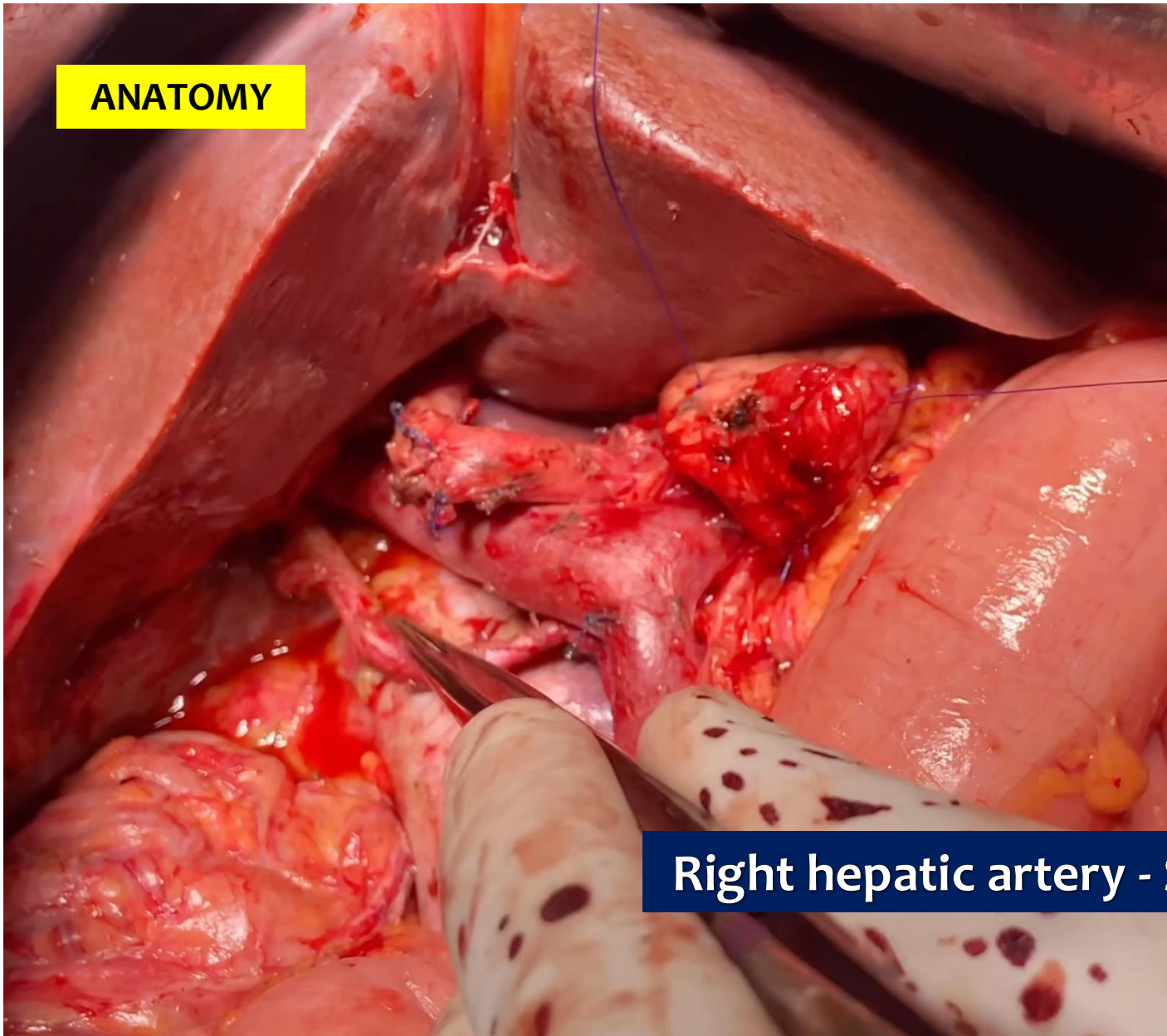
FIRST JEJUNAL ARTERY

FIRST JEJUNAL ARTERY



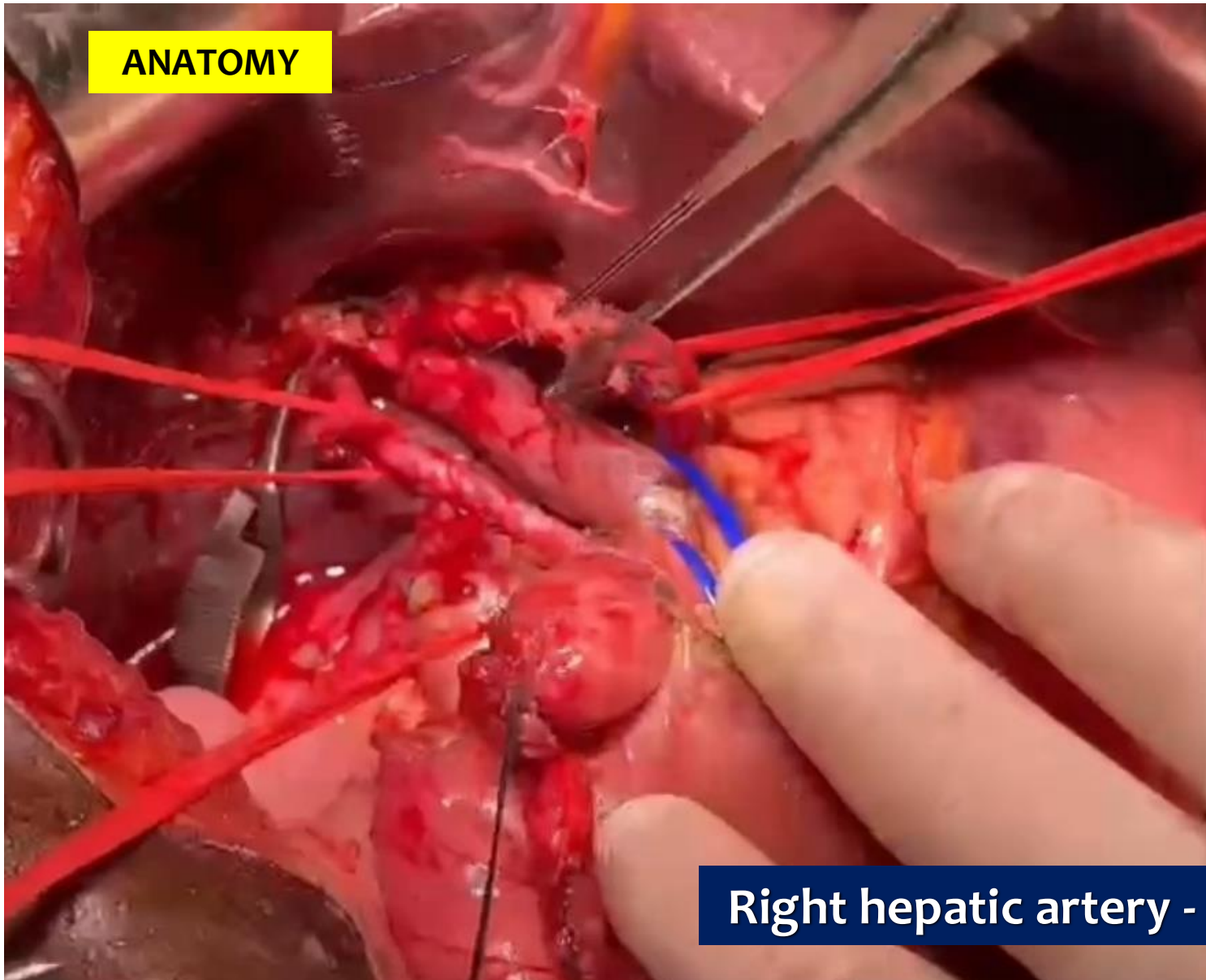
Mesojejuno

ANATOMY



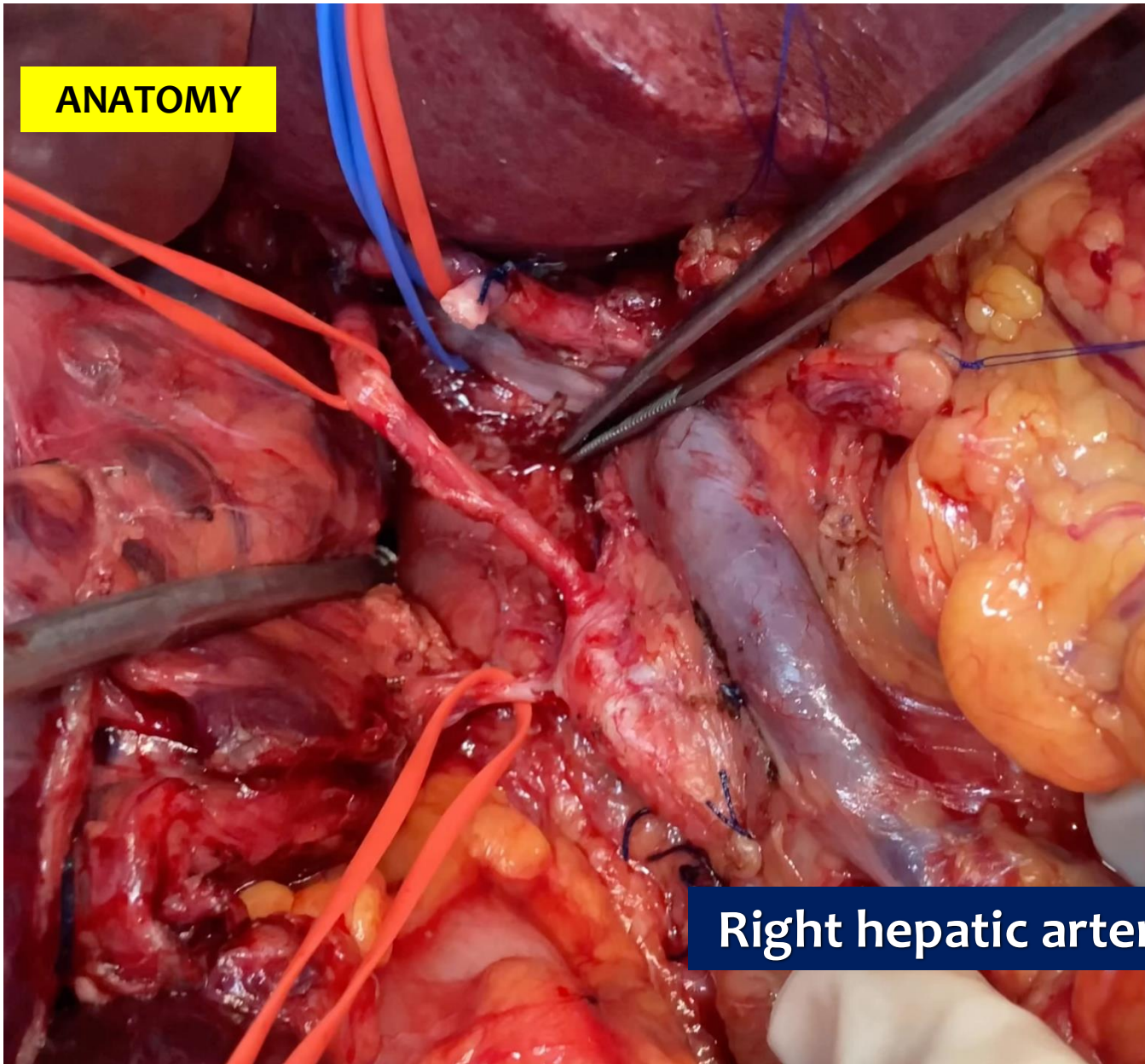
Right hepatic artery - SMA

ANATOMY



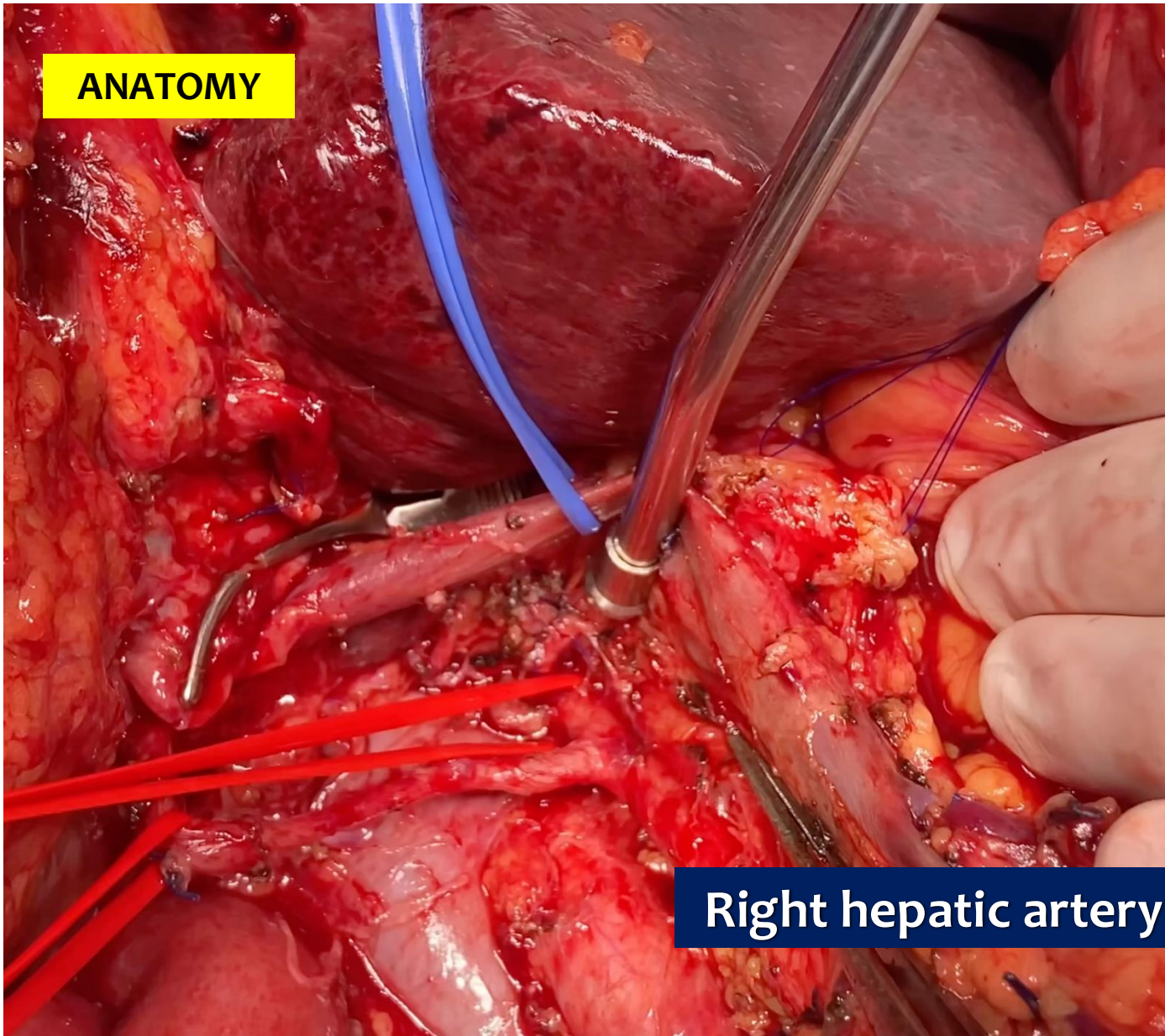
Right hepatic artery - SMA

ANATOMY



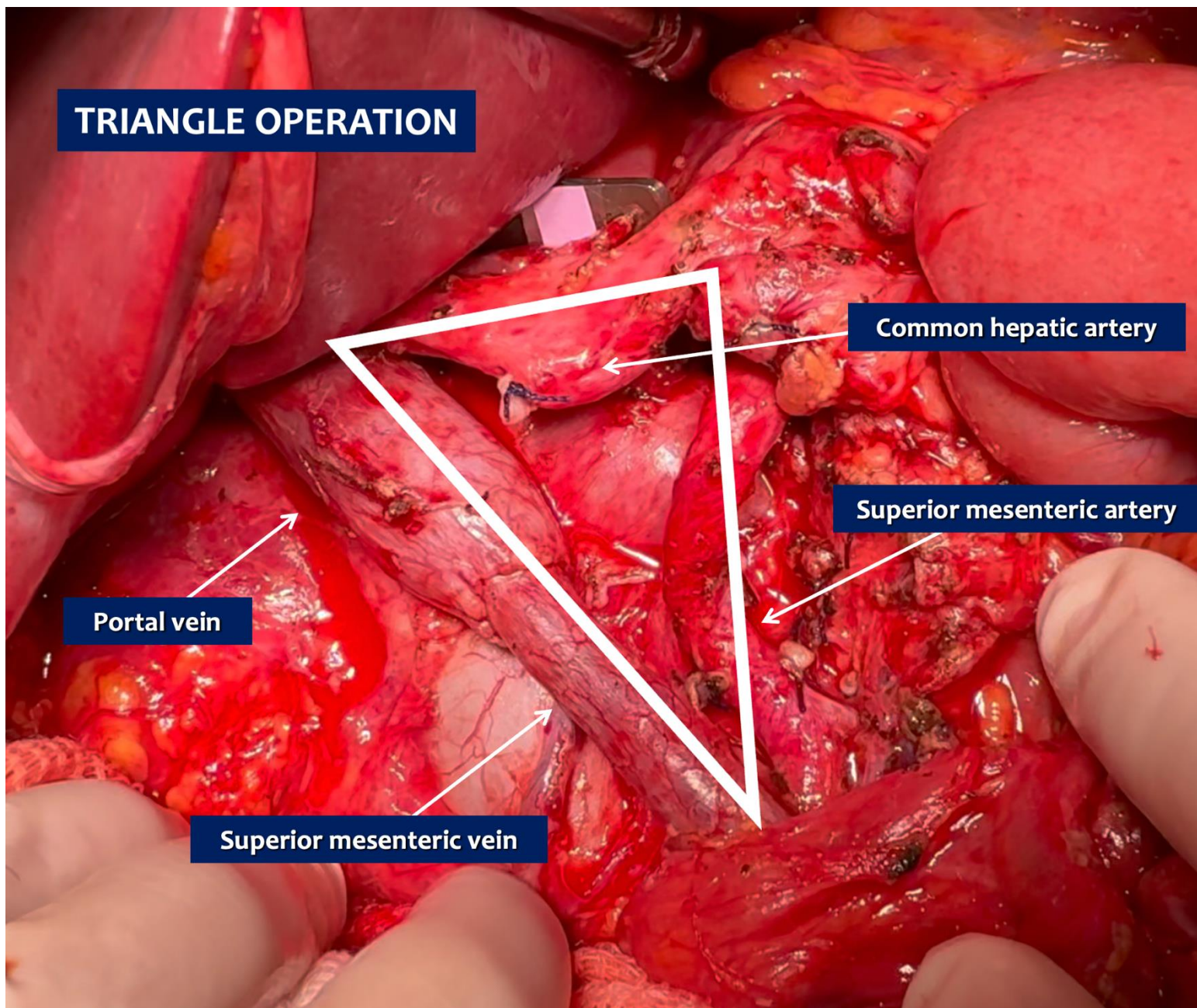
Right hepatic artery - SMA

ANATOMY

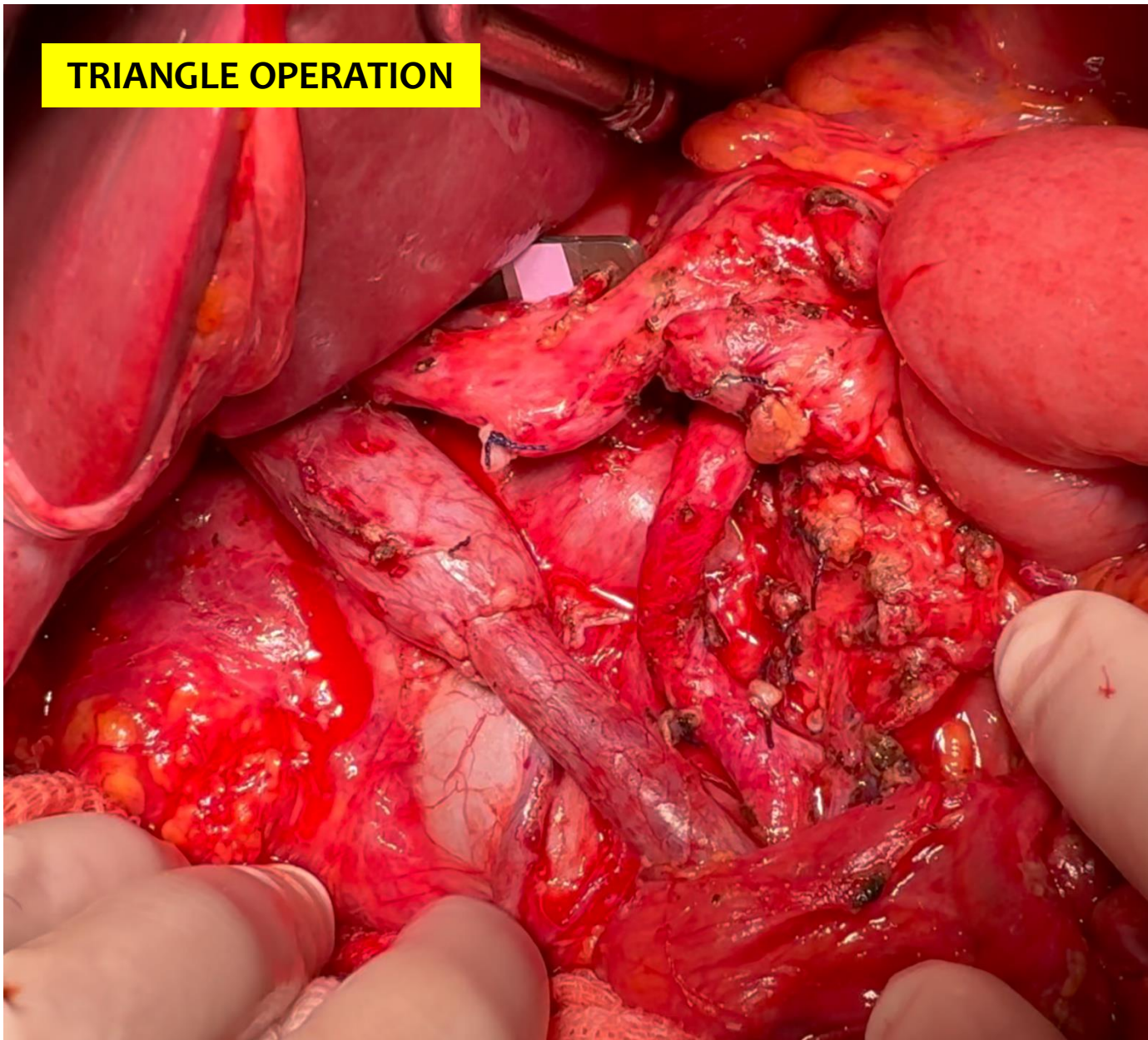


Right hepatic artery - SMA

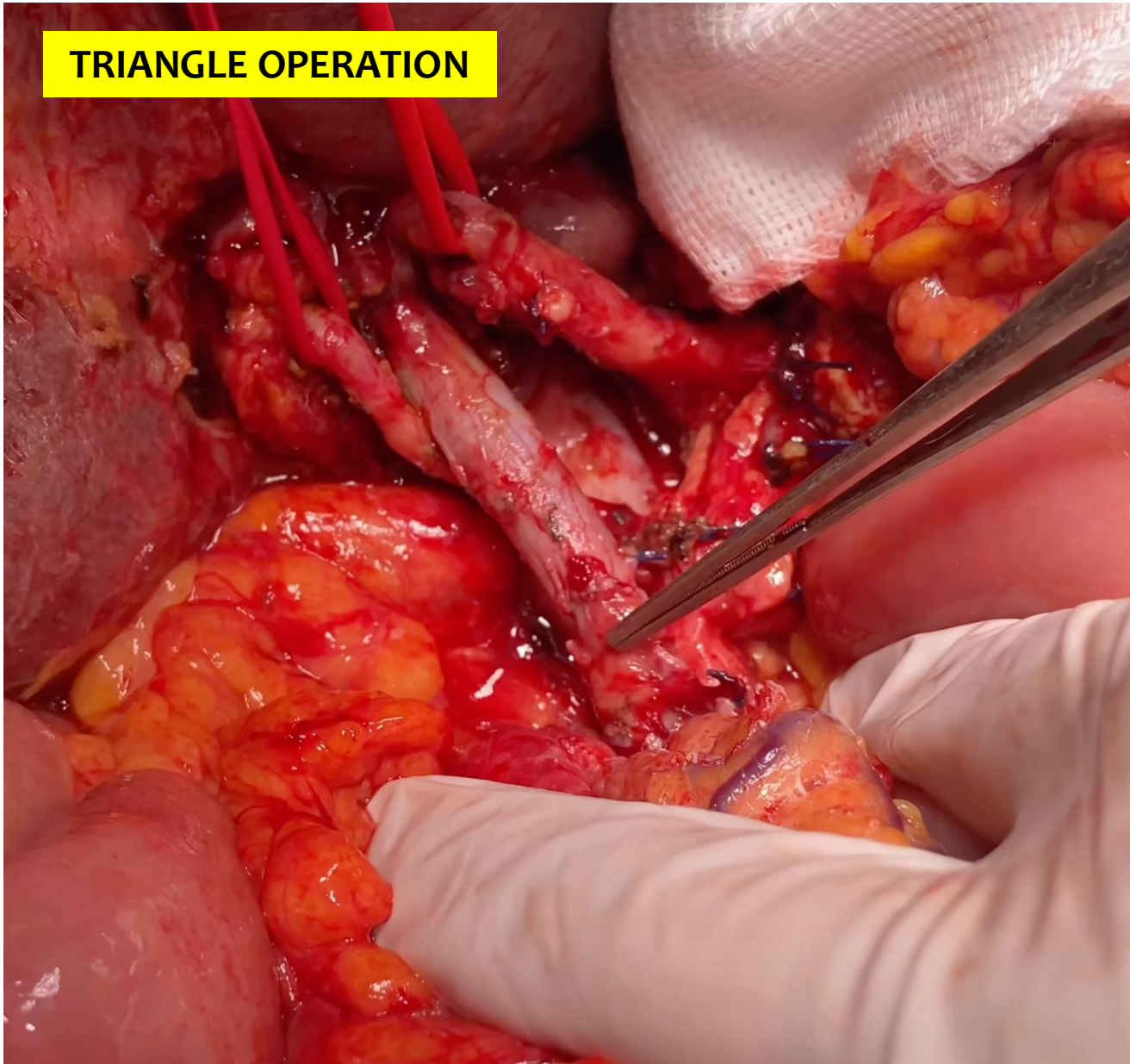
TRIANGLE OPERATION

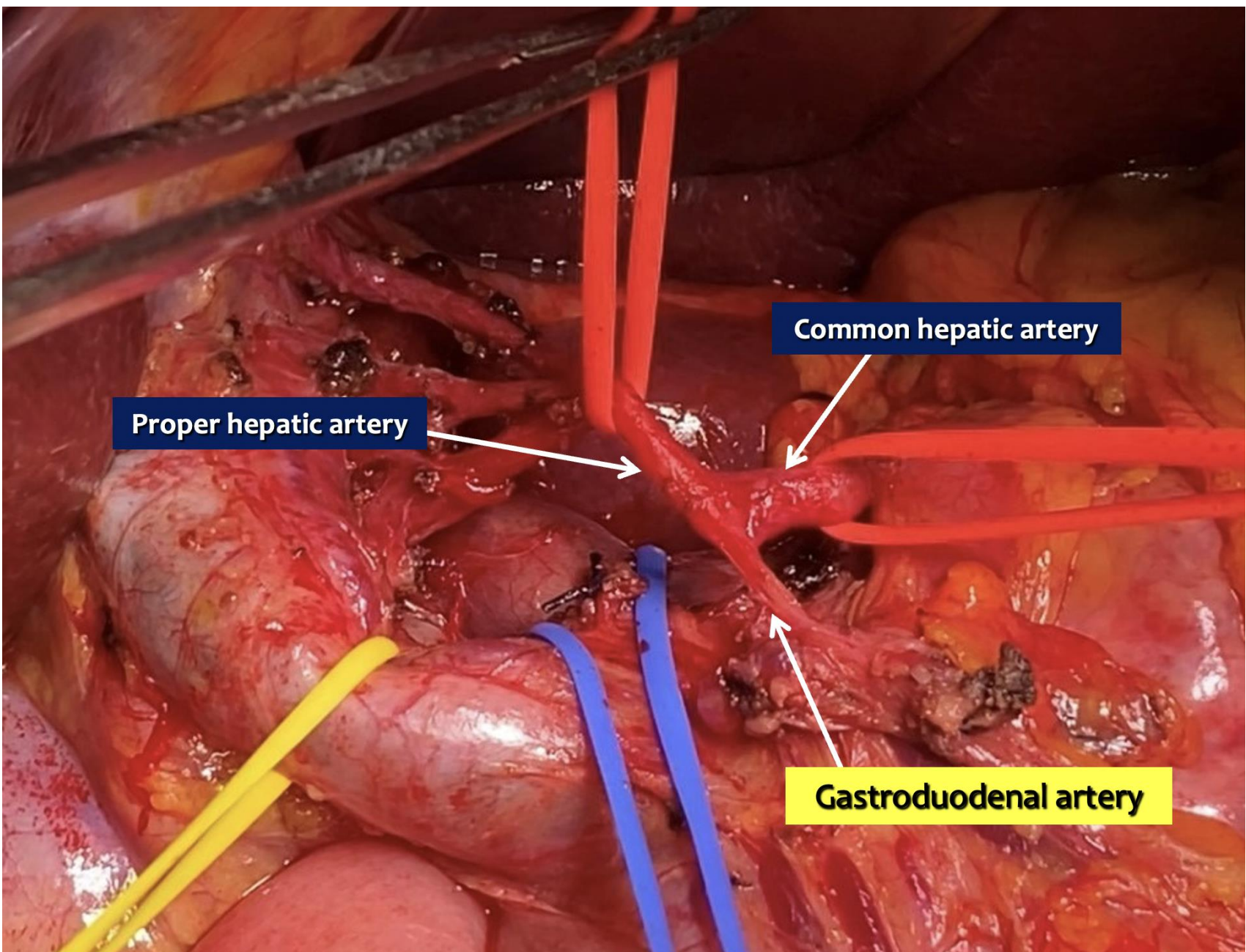


TRIANGLE OPERATION



TRIANGLE OPERATION






Proper hepatic artery

Common hepatic artery

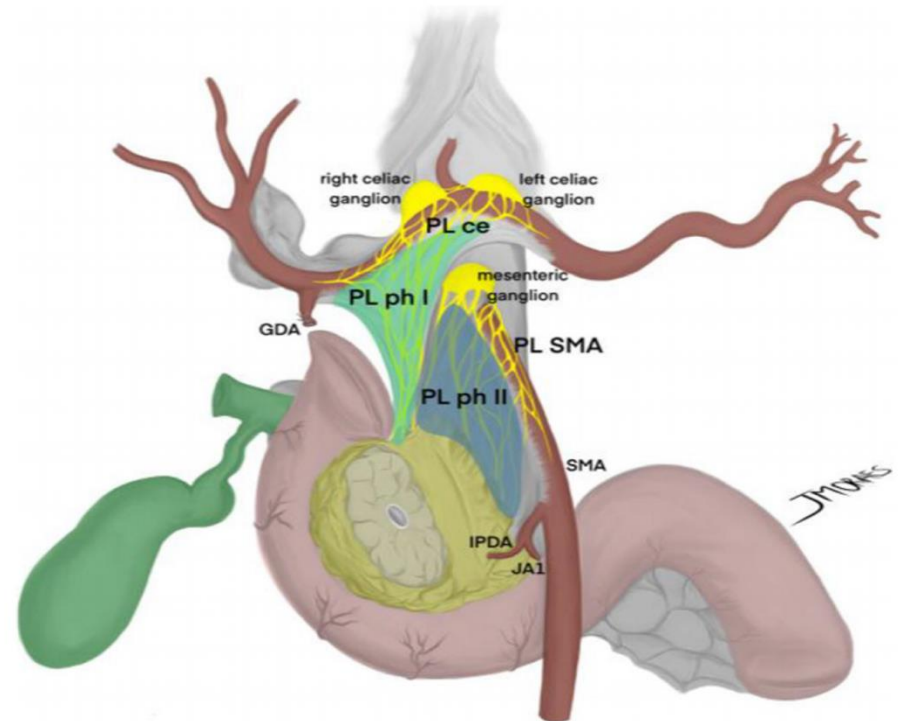
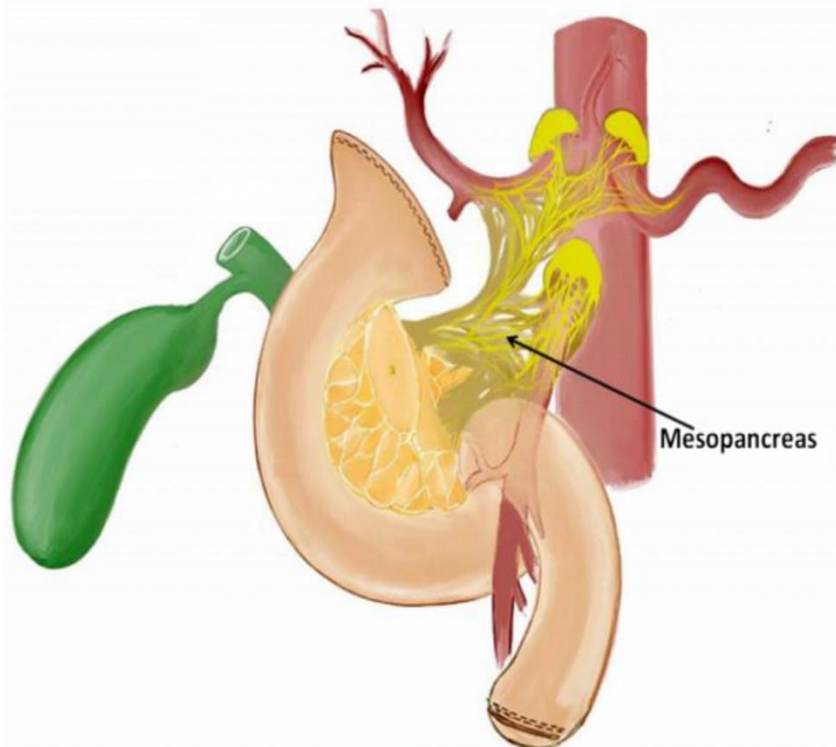
Gastroduodenal artery



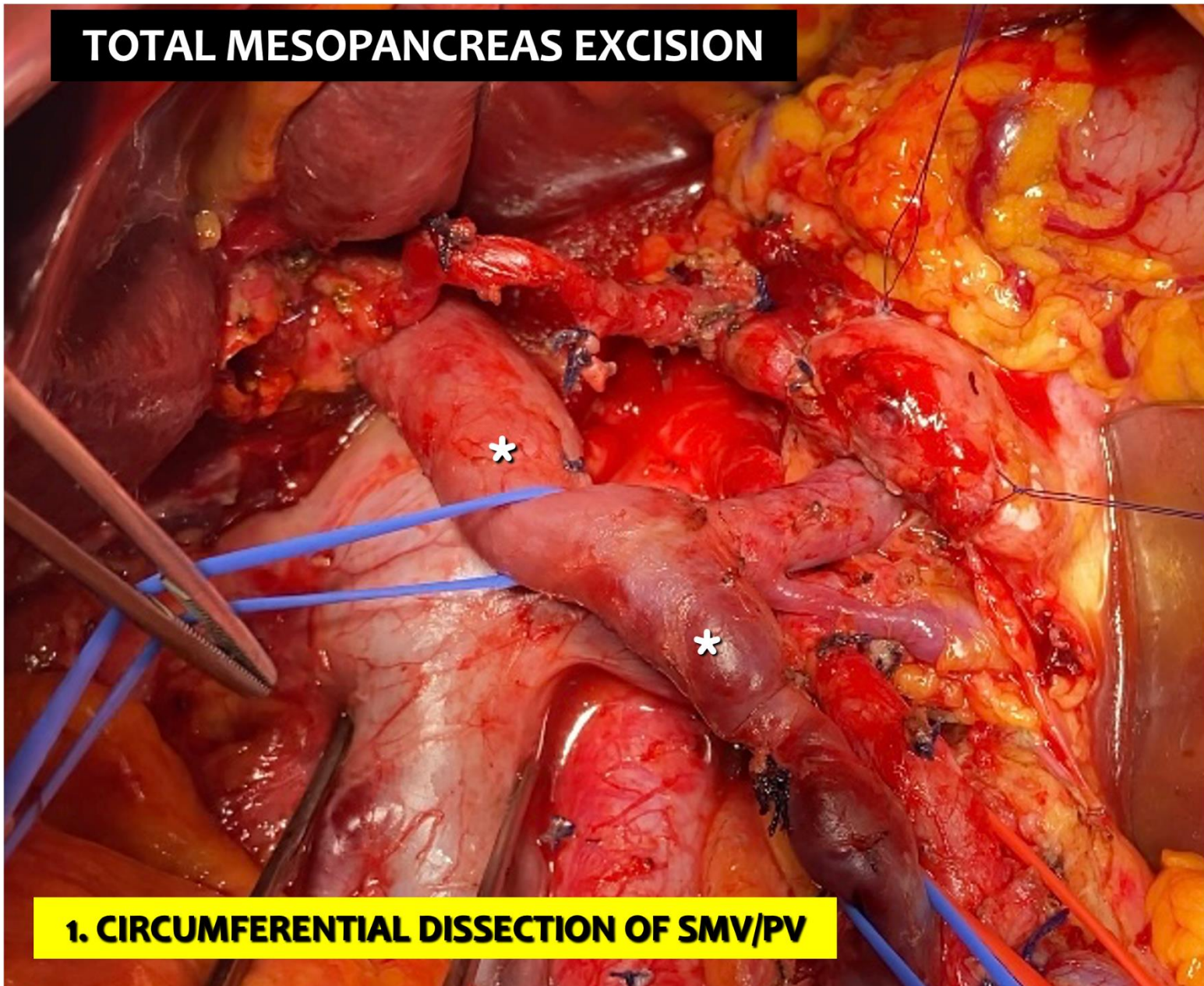
What do surgeons need to know about the mesopancreas

Eduardo de Souza M. Fernandes^{1,2} · Oliver Strobel^{3,4} · Camila Girão^{1,2} · Jose Maria A. Moraes-Junior^{5,6} · Orlando Jorge M. Torres^{5,6} 

TOTAL MESOPANCREAS EXCISION

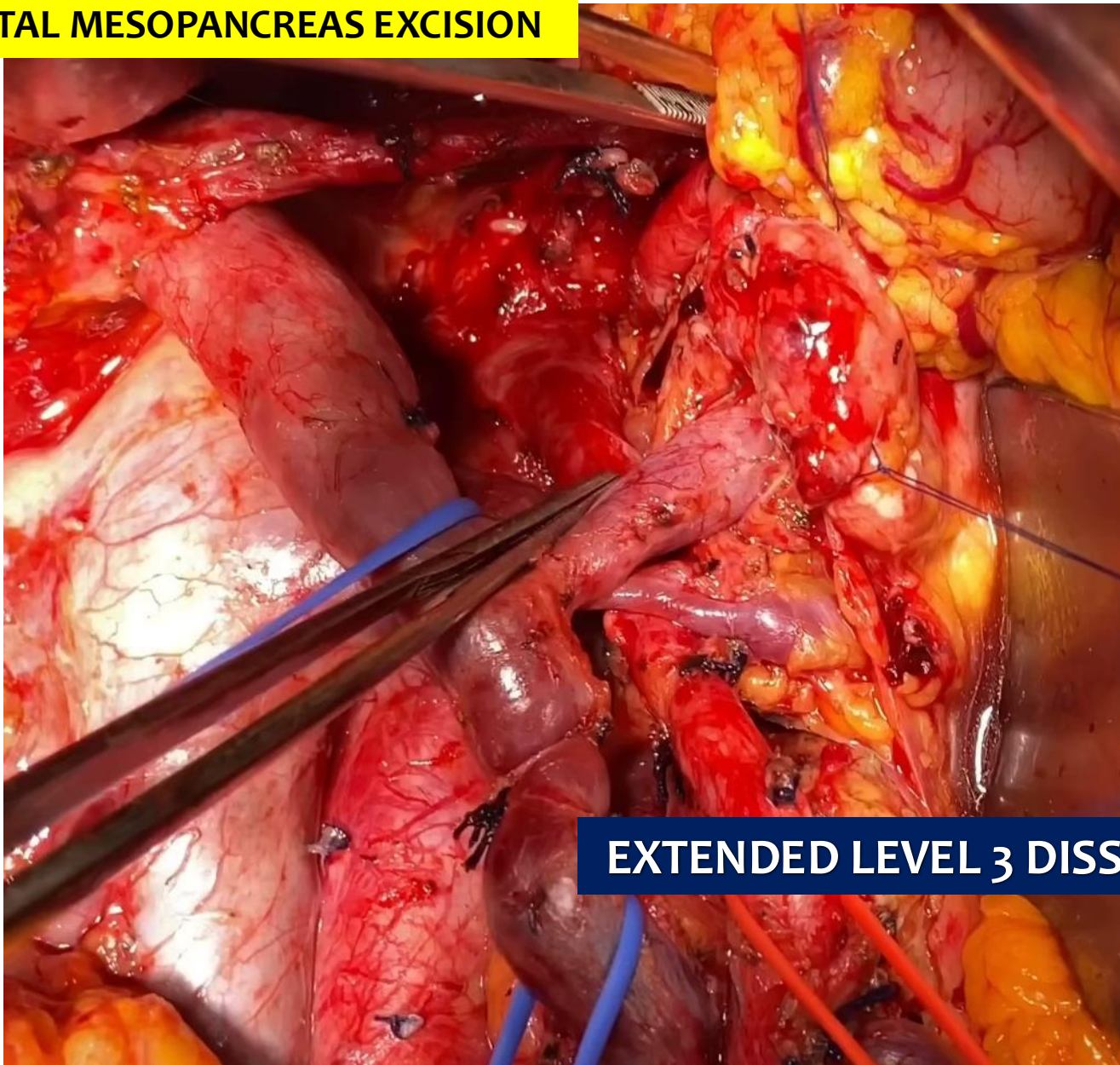


TOTAL MESOPANCREAS EXCISION

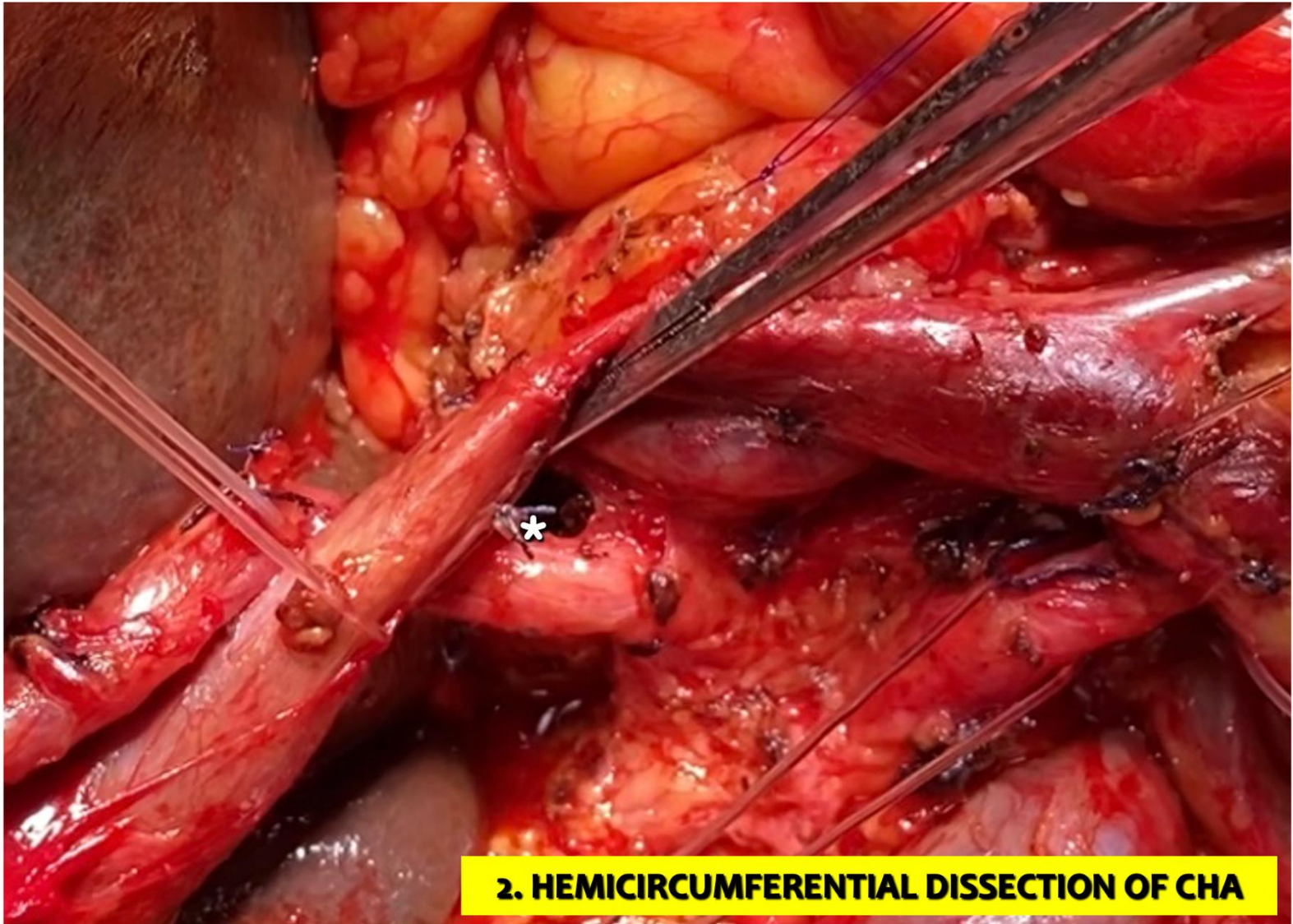


1. CIRCUMFERENTIAL DISSECTION OF SMV/PV

TOTAL MESOPANCREAS EXCISION



EXTENDED LEVEL 3 DISSECTION

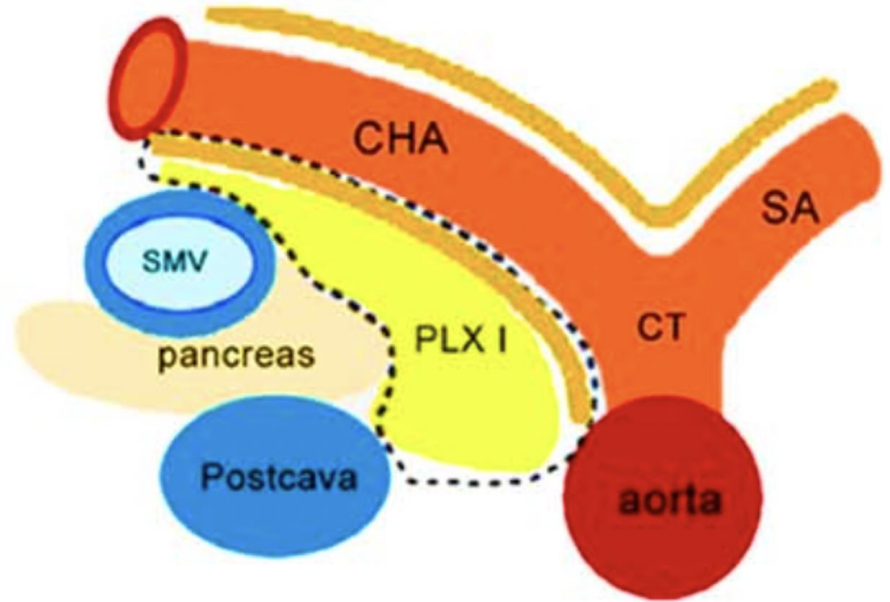
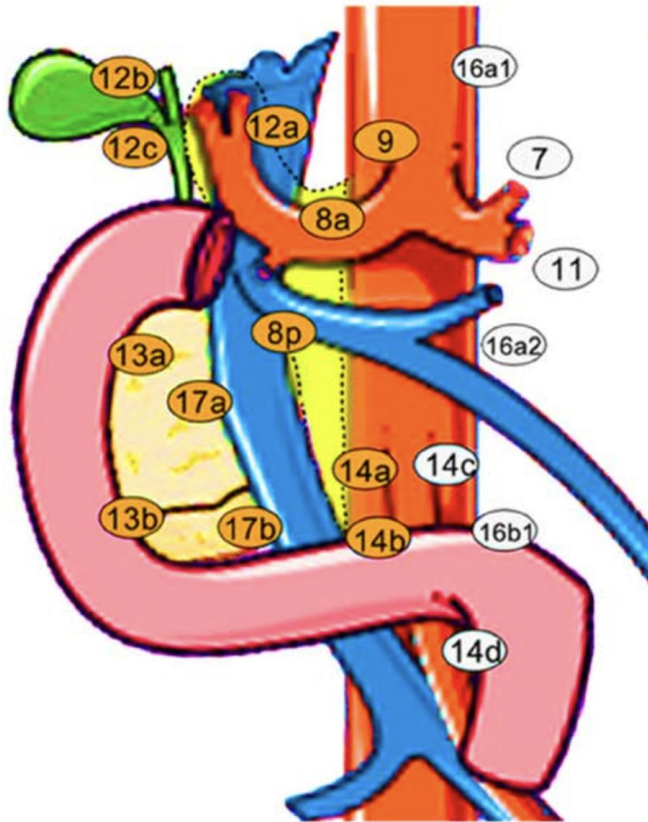


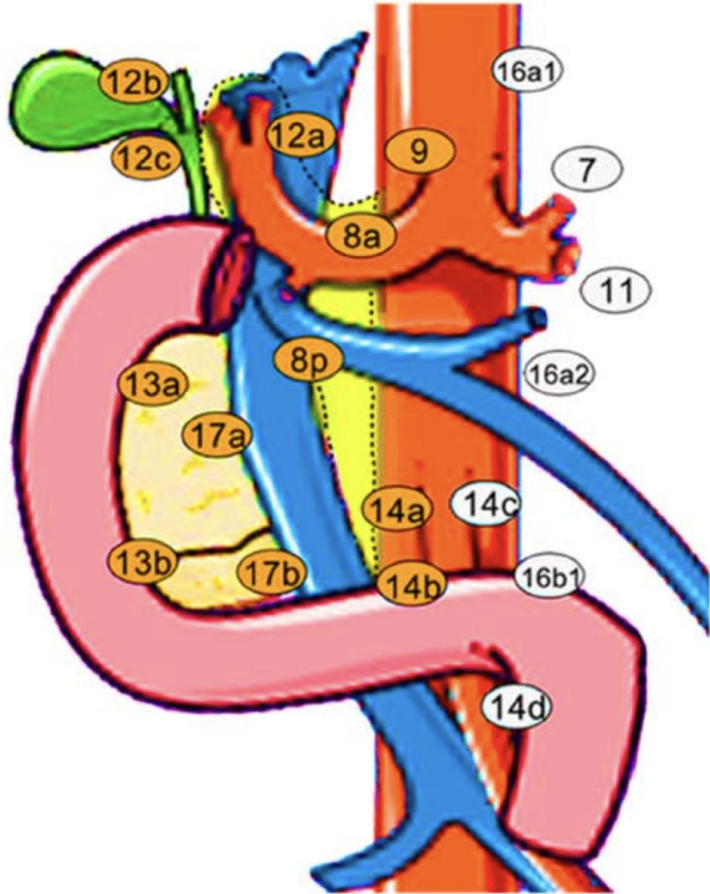
2. HEMICIRCUMFERENTIAL DISSECTION OF CHA

□ Common hepatic artery lymph nodes 8a, 8p

□ 8a

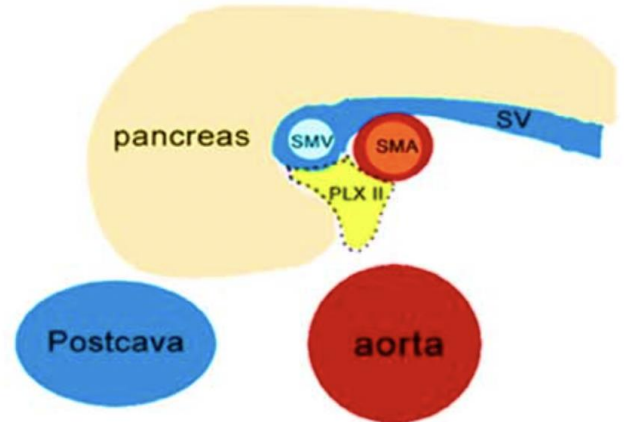
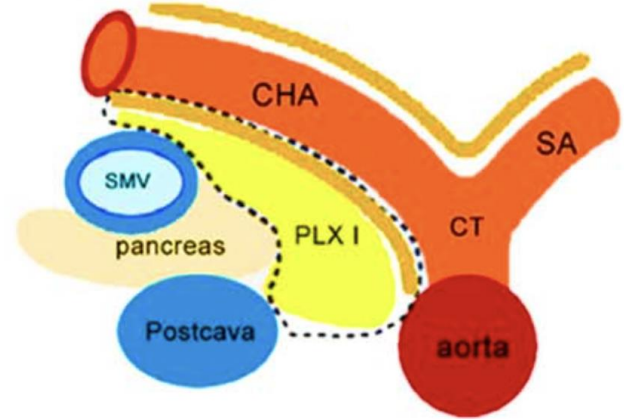
□ 8p

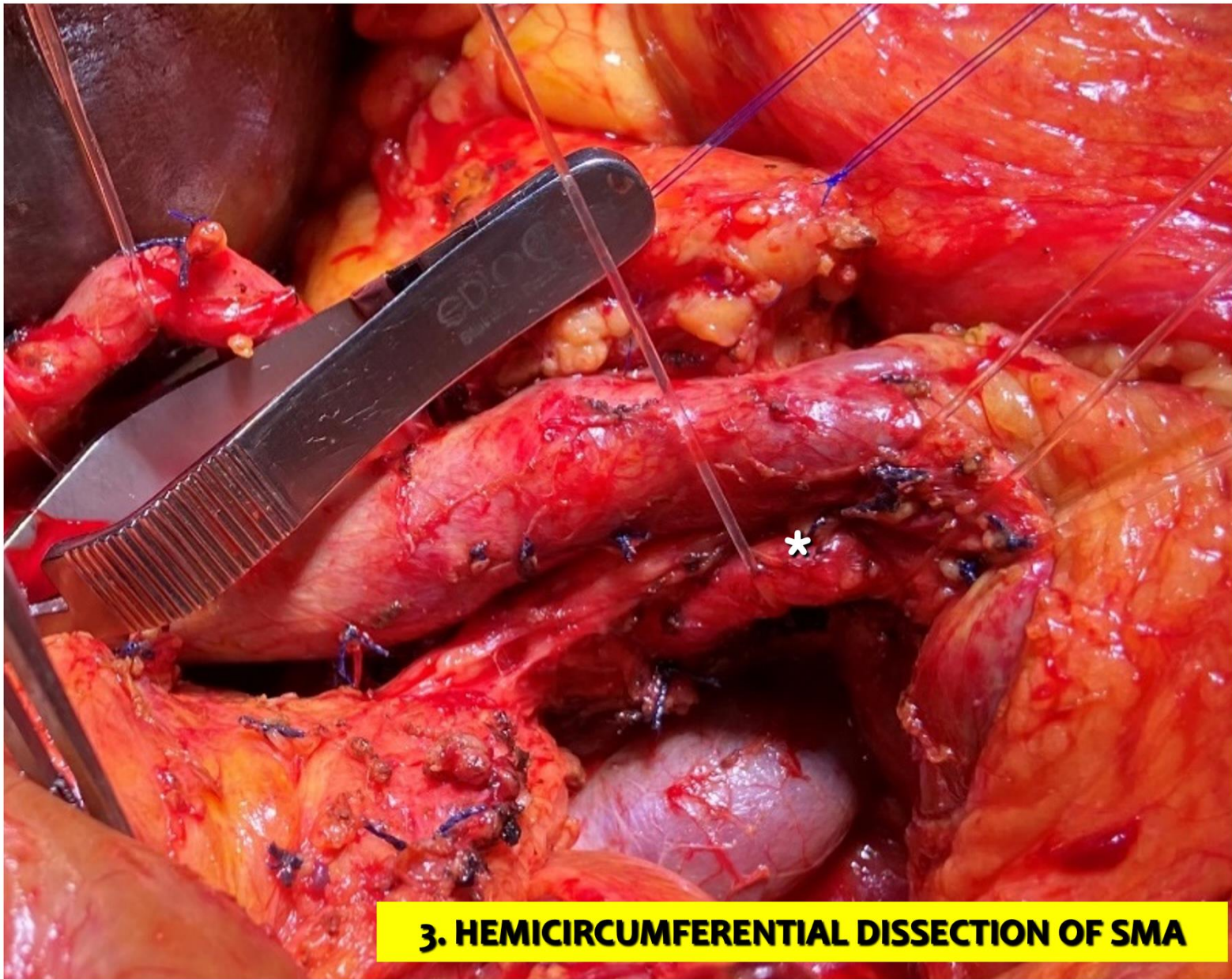




□ Celiac trunk lymph nodes 9

□ 9



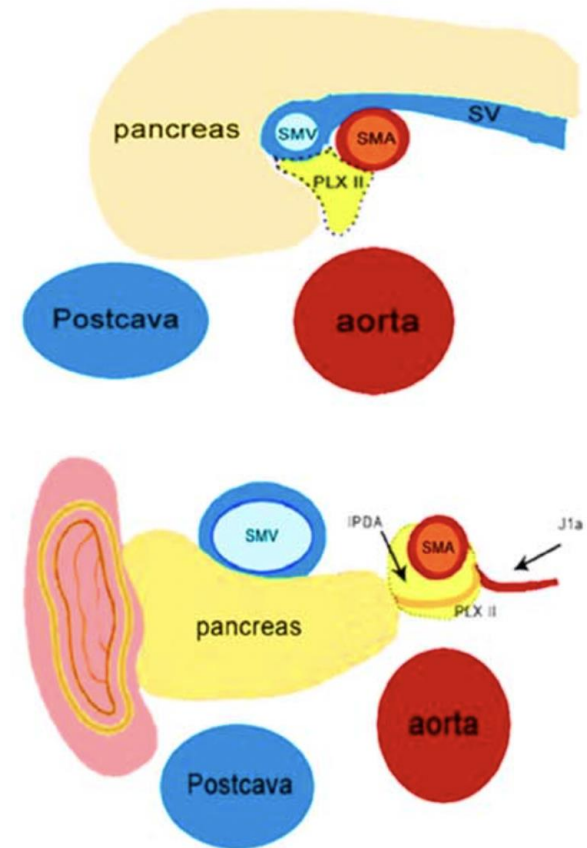
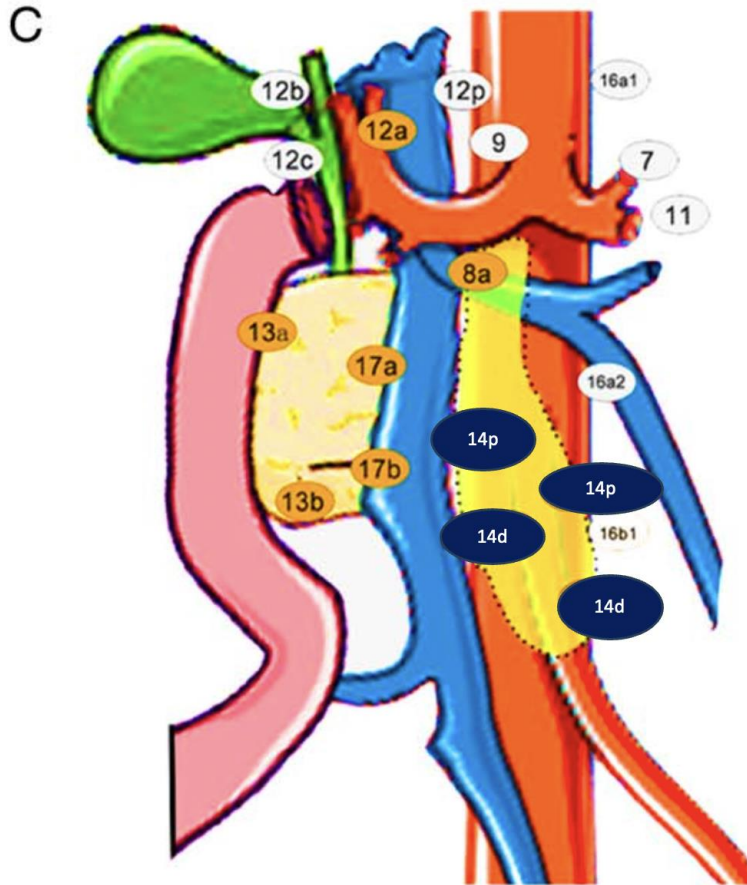


3. HEMICIRCUMFERENTIAL DISSECTION OF SMA

SUPERIOR MESENTERIC ARTERY LYMPH NODES

□14p

□14d

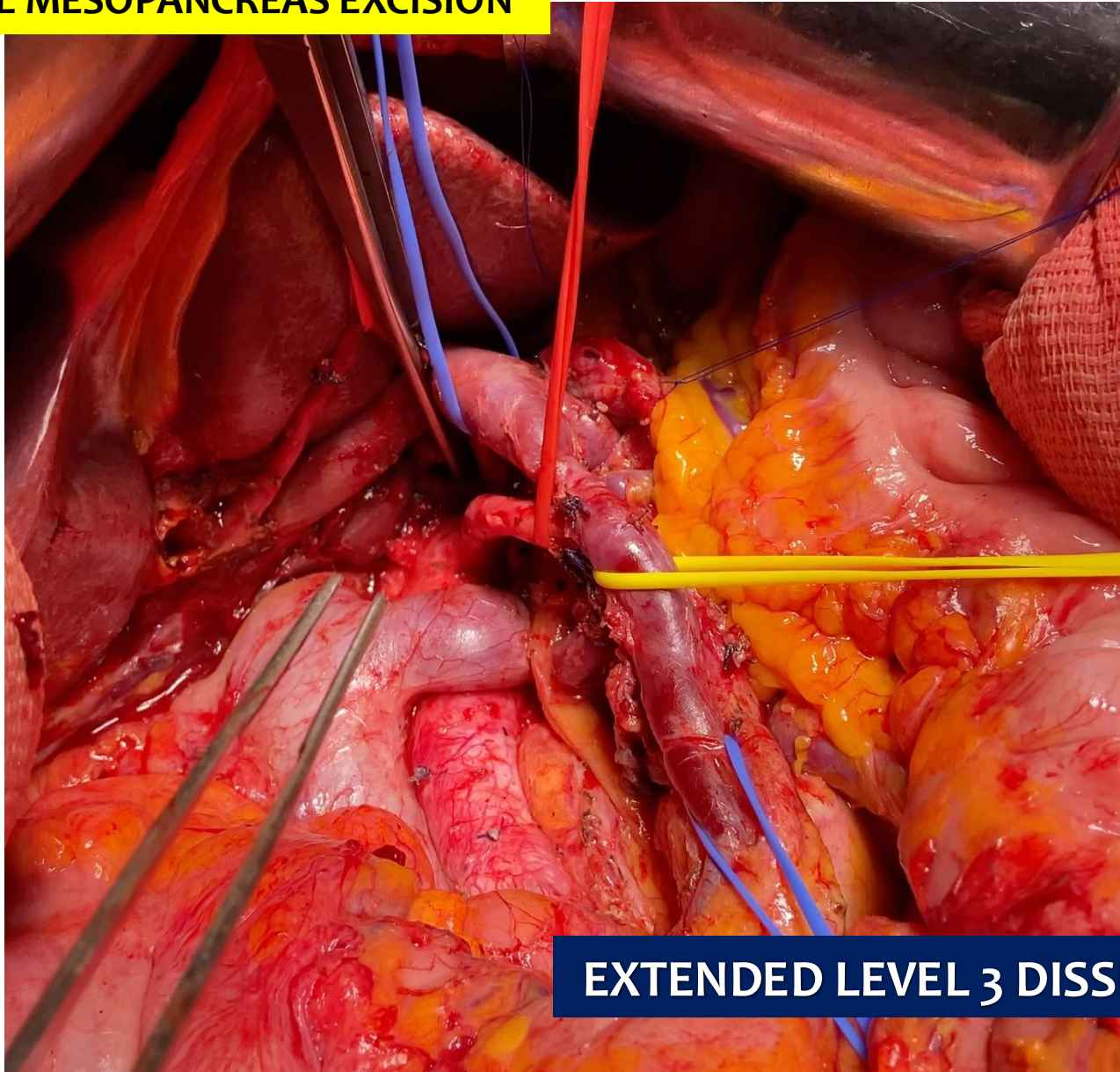


TOTAL MESOPANCREAS EXCISION



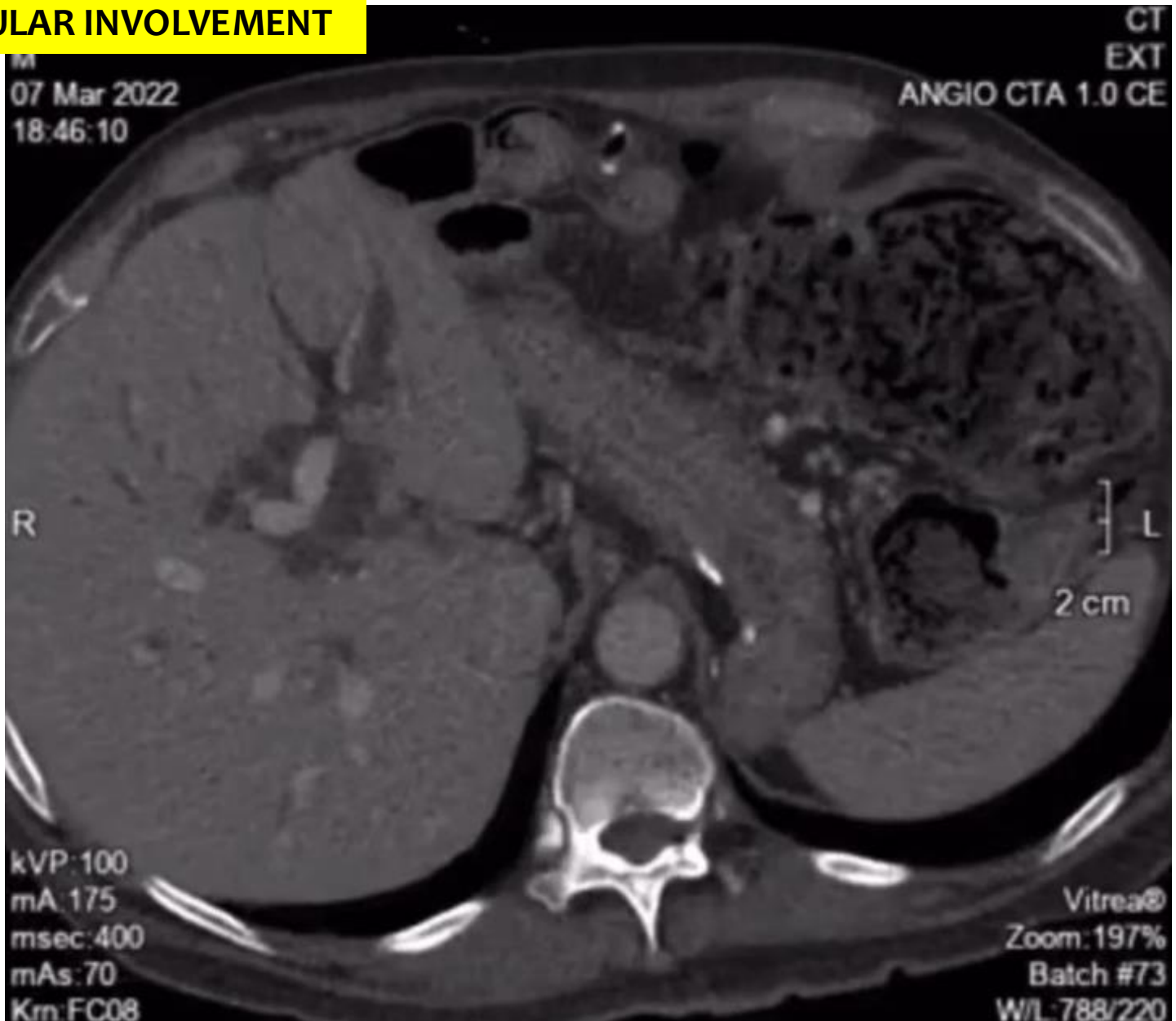
EXTENDED LEVEL 3 DISSECTION

TOTAL MESOPANCREAS EXCISION



EXTENDED LEVEL 3 DISSECTION

VASCULAR INVOLVEMENT



M
07 Mar 2022
18:46:10

EX
ANGIO CTA 1.0 C

Mesenteric vein invasion

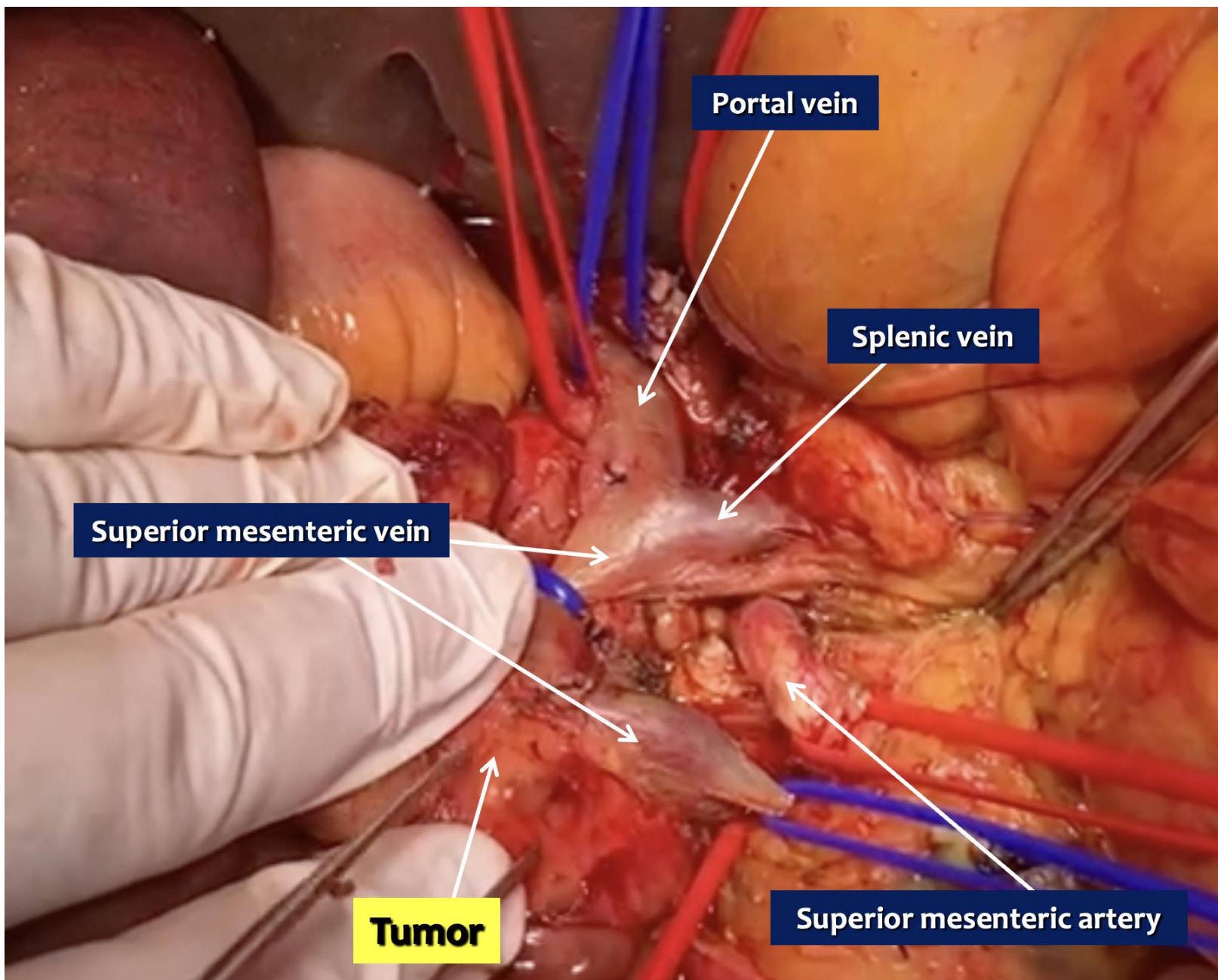


2 cm

kVP: 100
mA: 175
proc: 400

Vitre
Zoom: 197





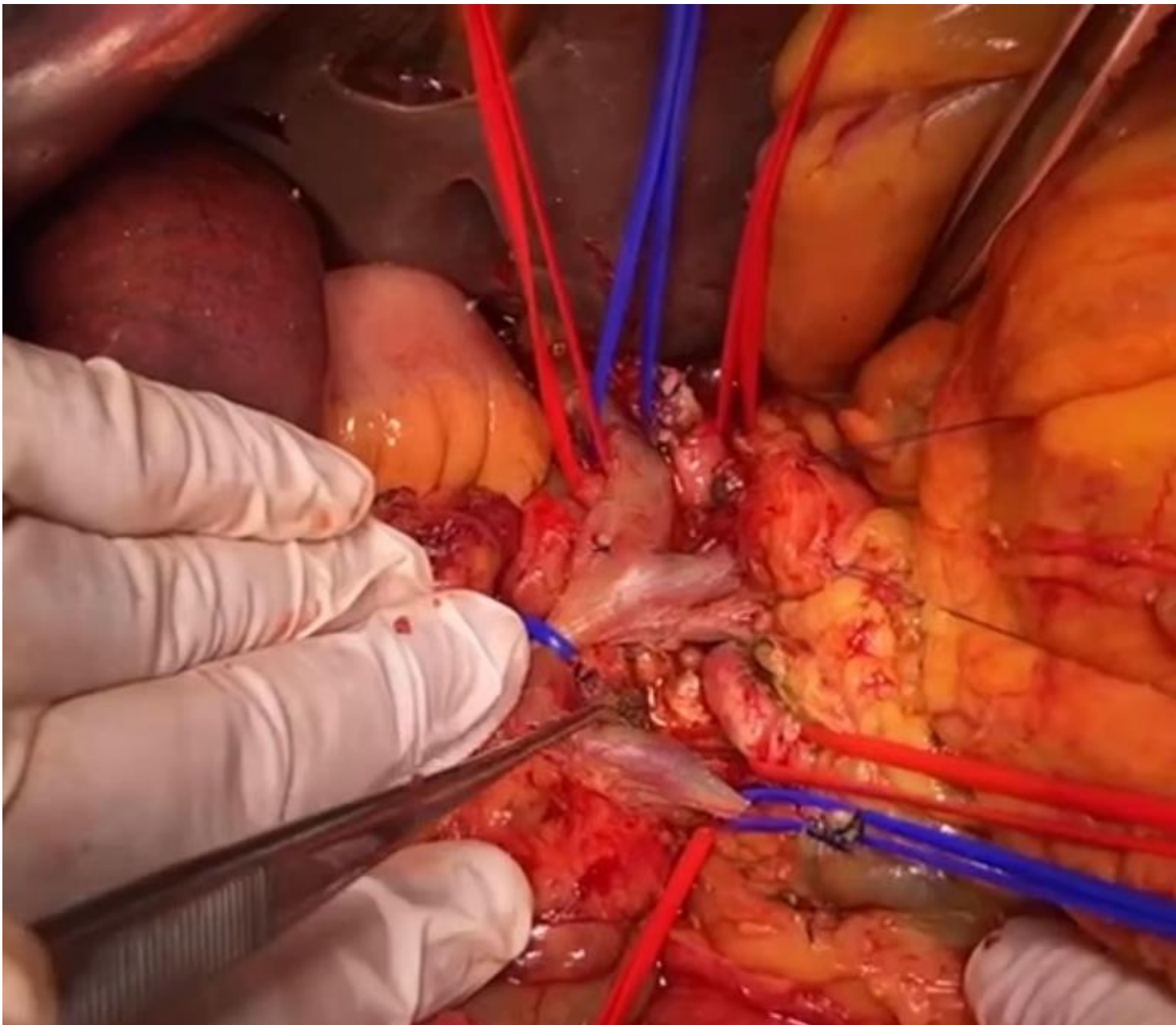
Portal vein

Splenic vein

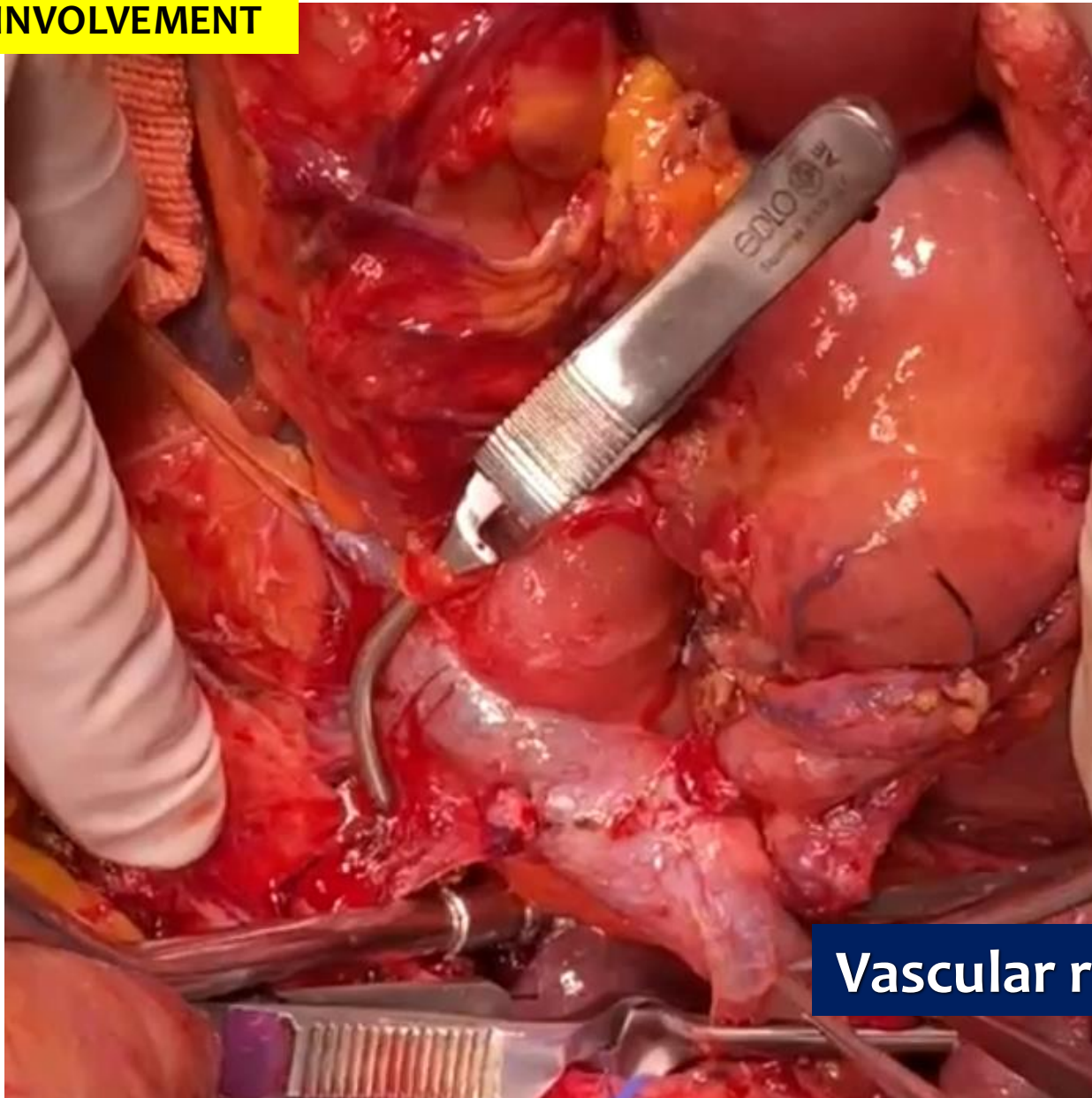
Superior mesenteric vein

Tumor

Superior mesenteric artery

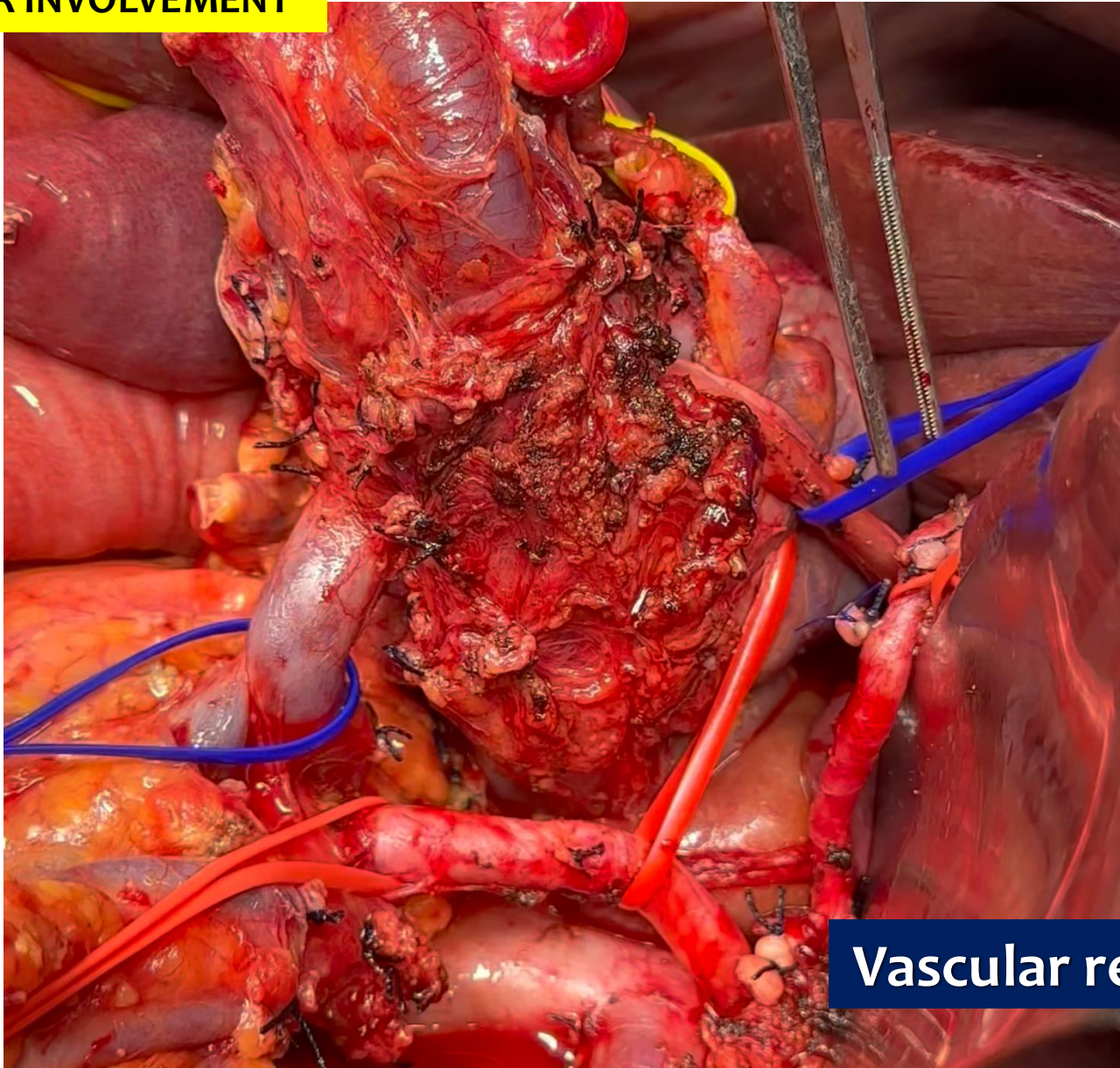


VASCULAR INVOLVEMENT



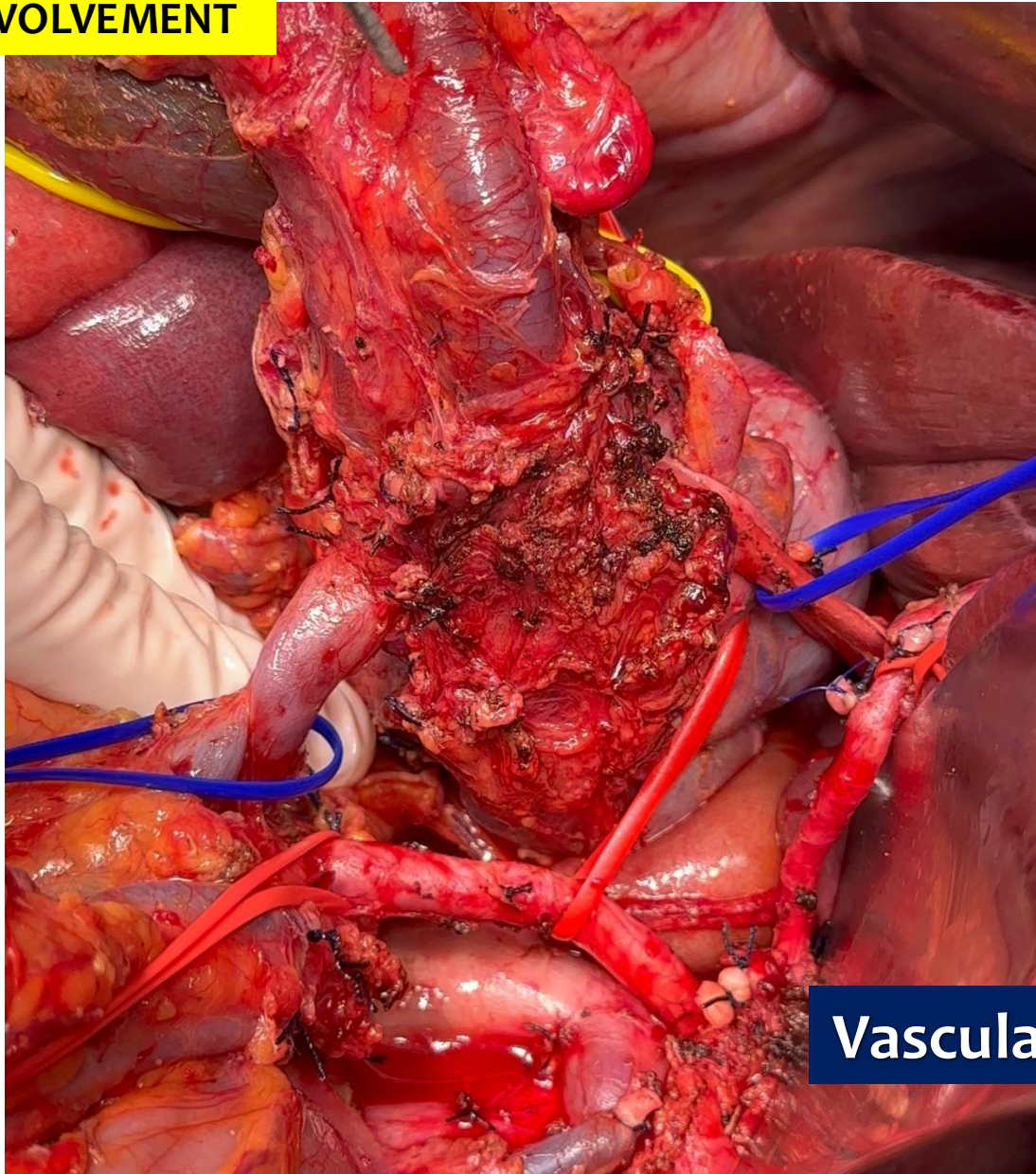
Vascular resection

VASCULAR INVOLVEMENT



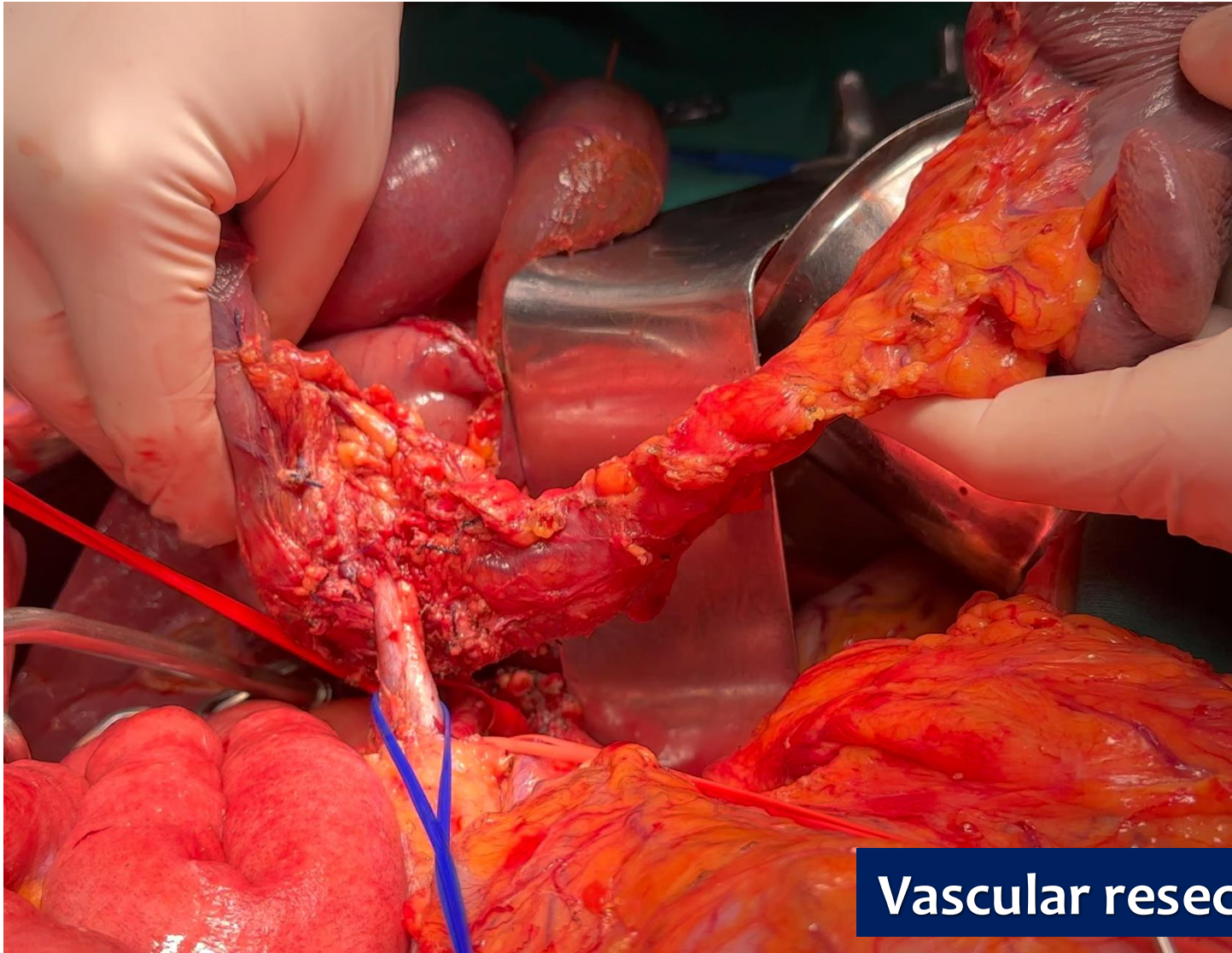
Vascular resection

VASCULAR INVOLVEMENT



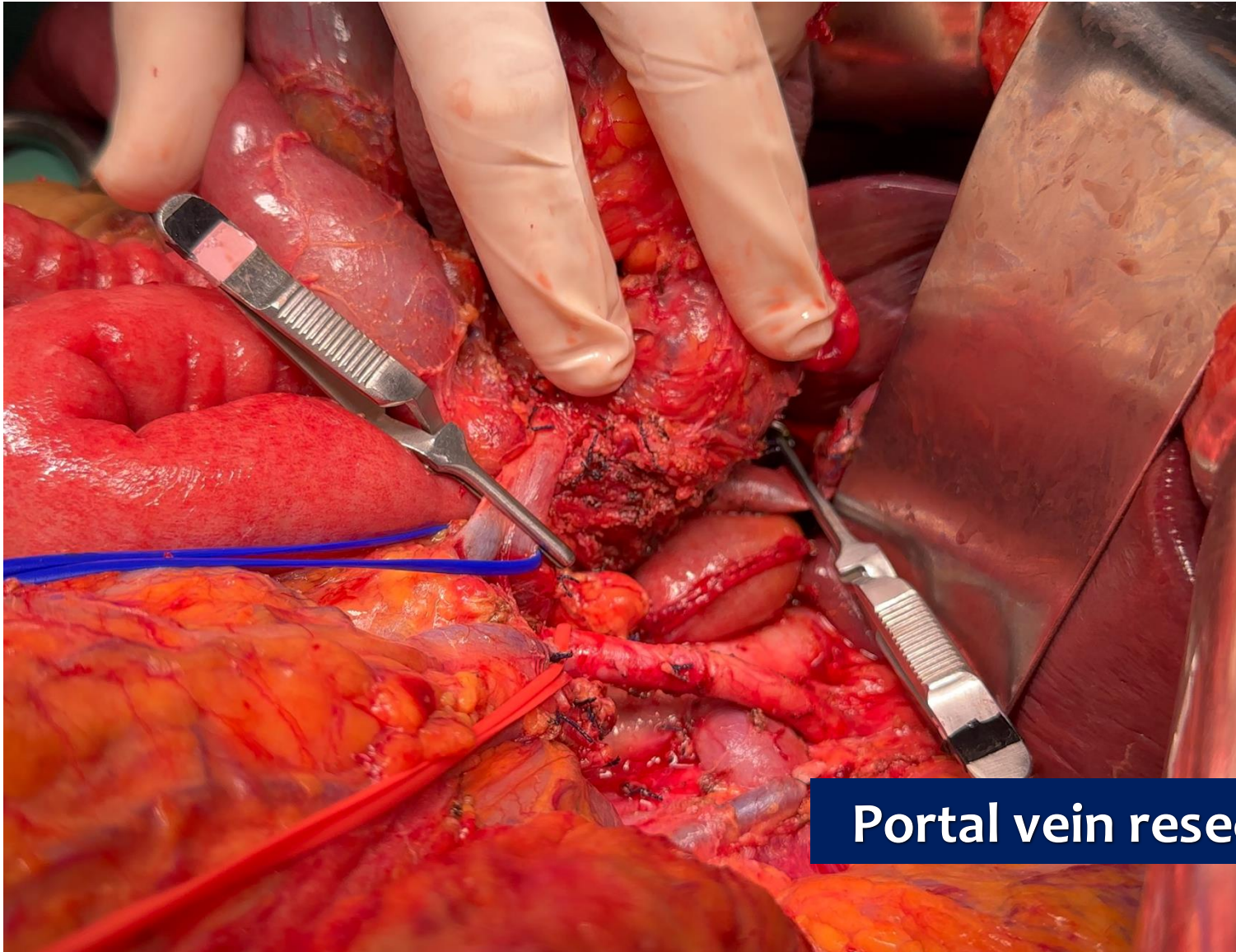
Vascular resection

VASCULAR INVOLVEMENT



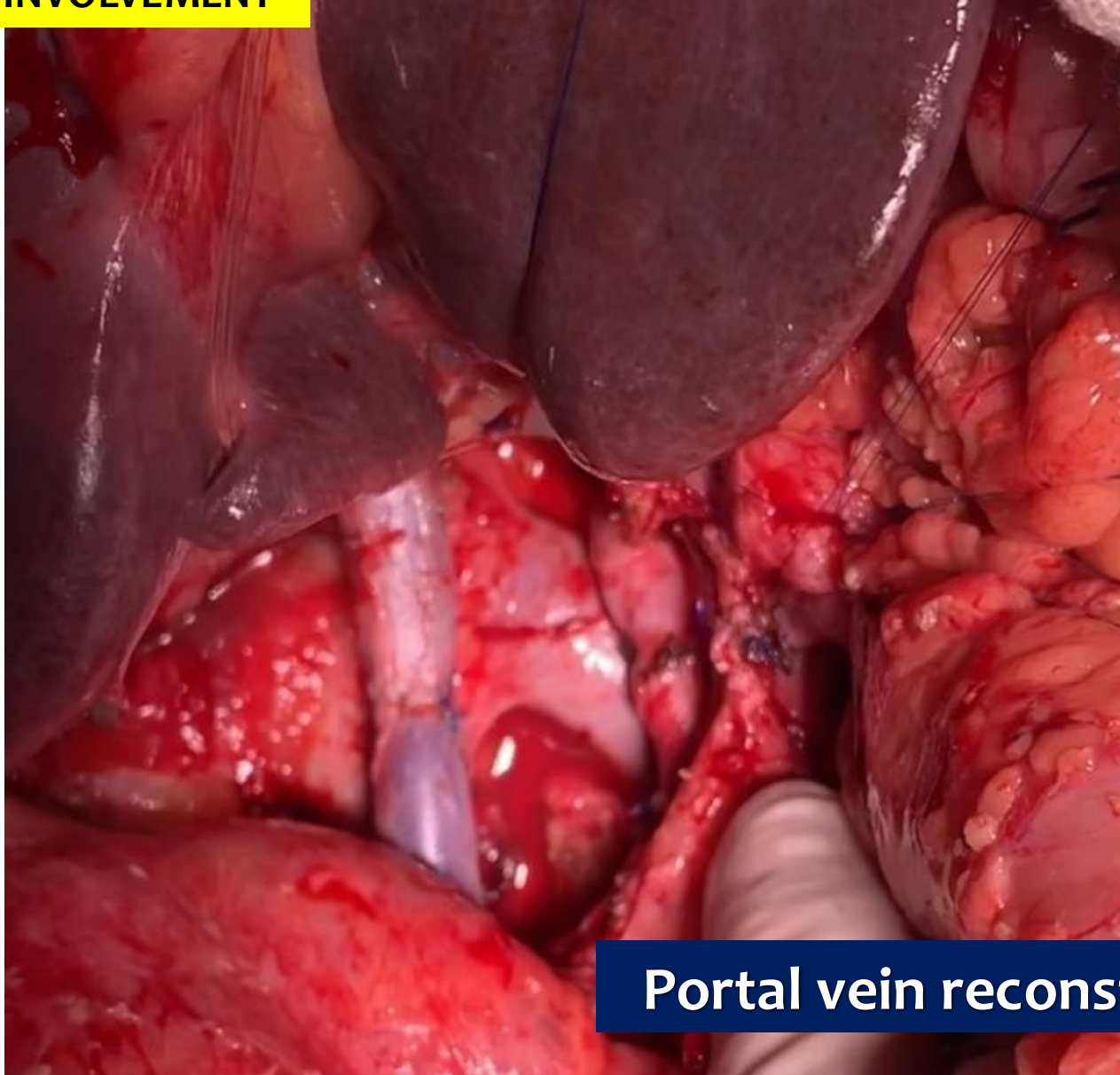
Vascular resection

VASCULAR INVOLVEMENT



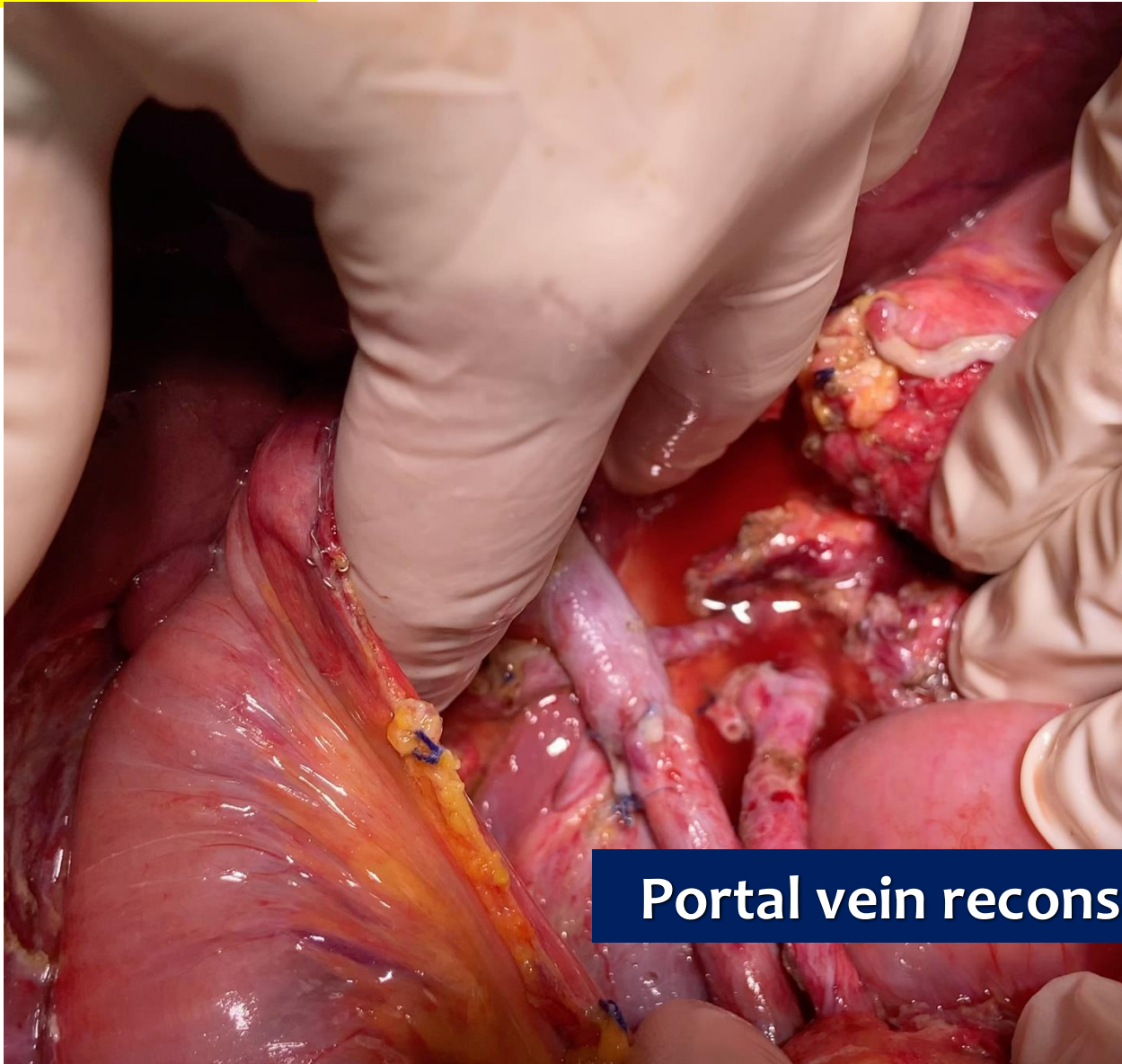
Portal vein resection

VASCULAR INVOLVEMENT



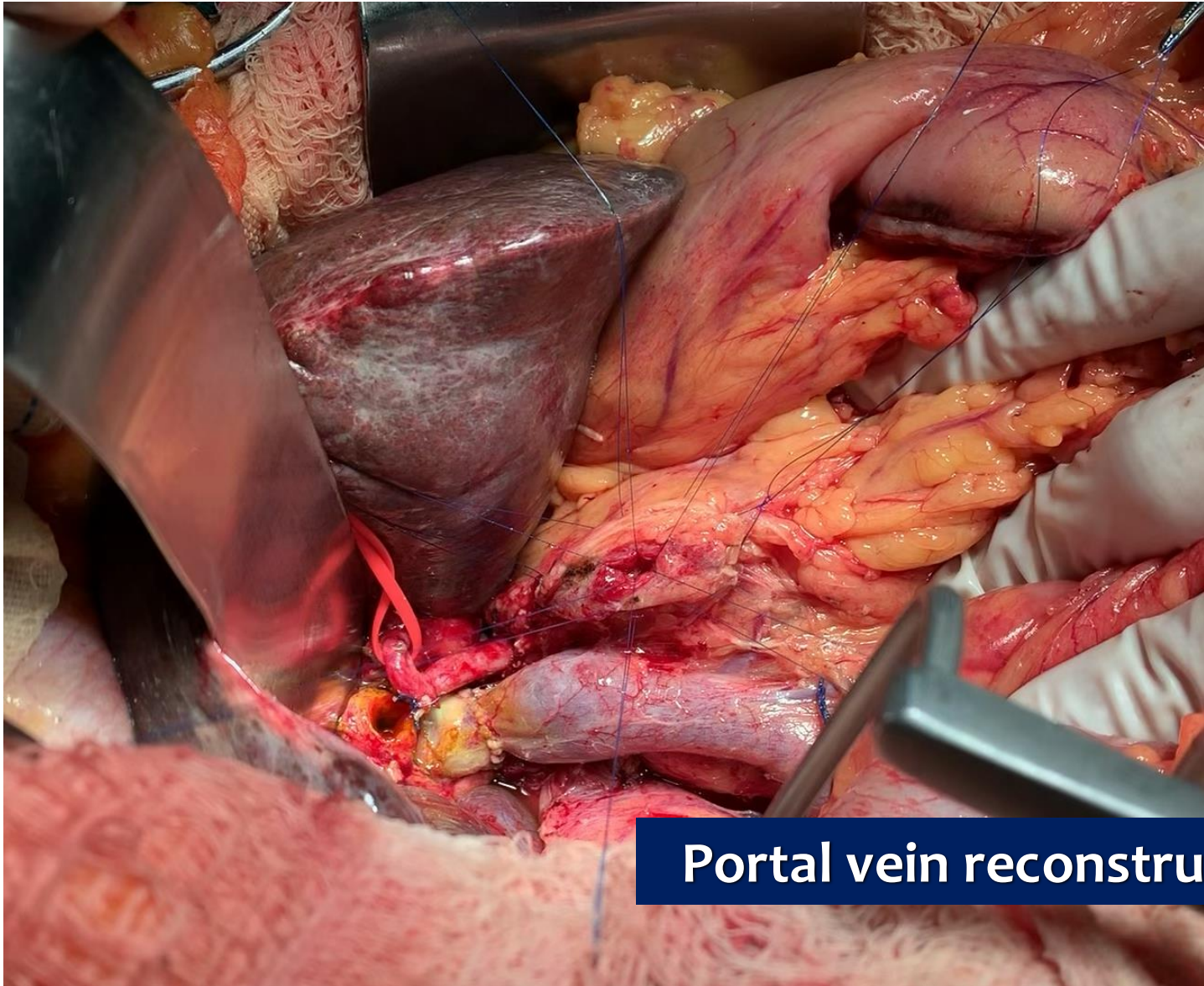
Portal vein reconstruction

VASCULAR INVOLVEMENT



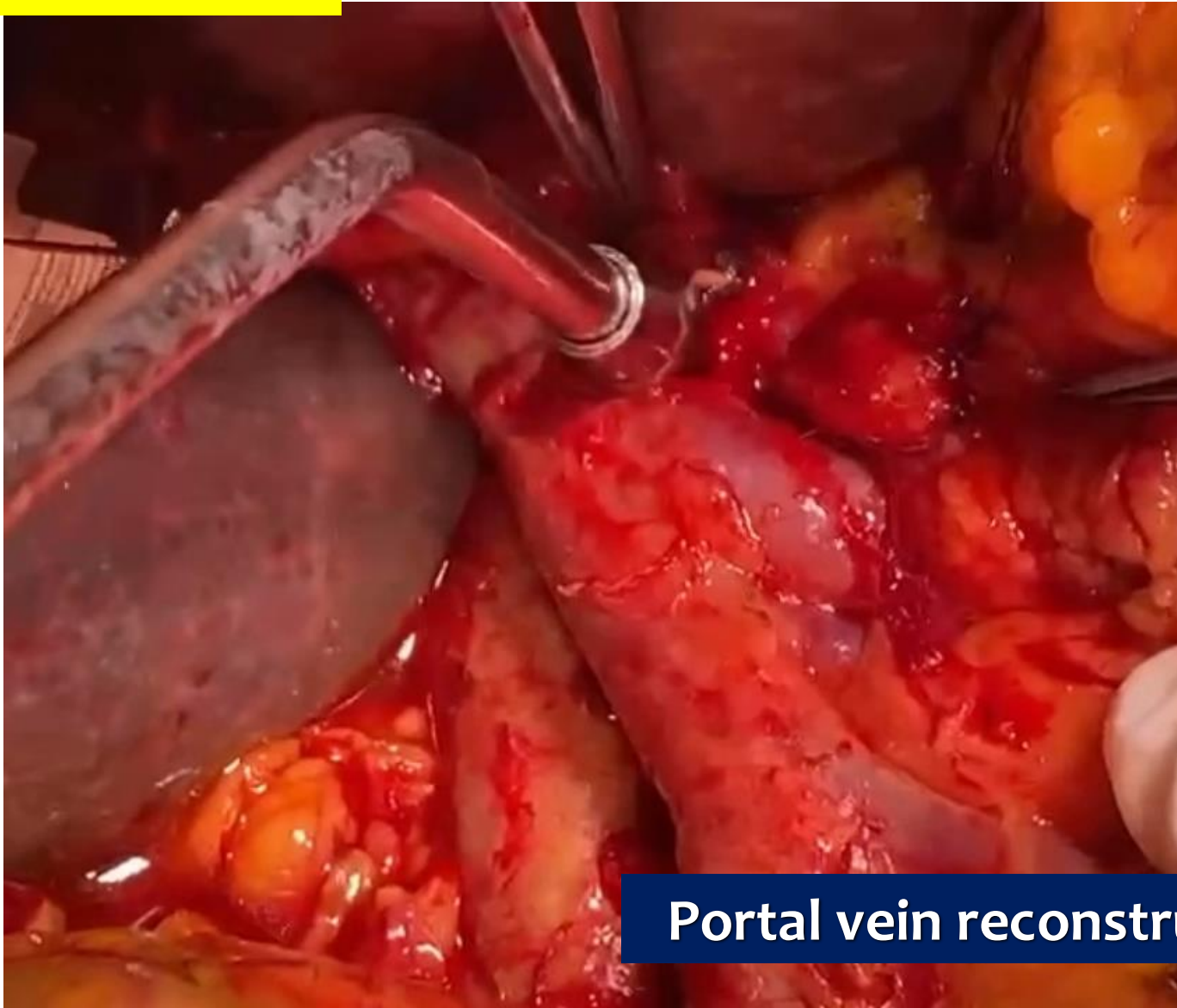
Portal vein reconstruction

VASCULAR INVOLVEMENT



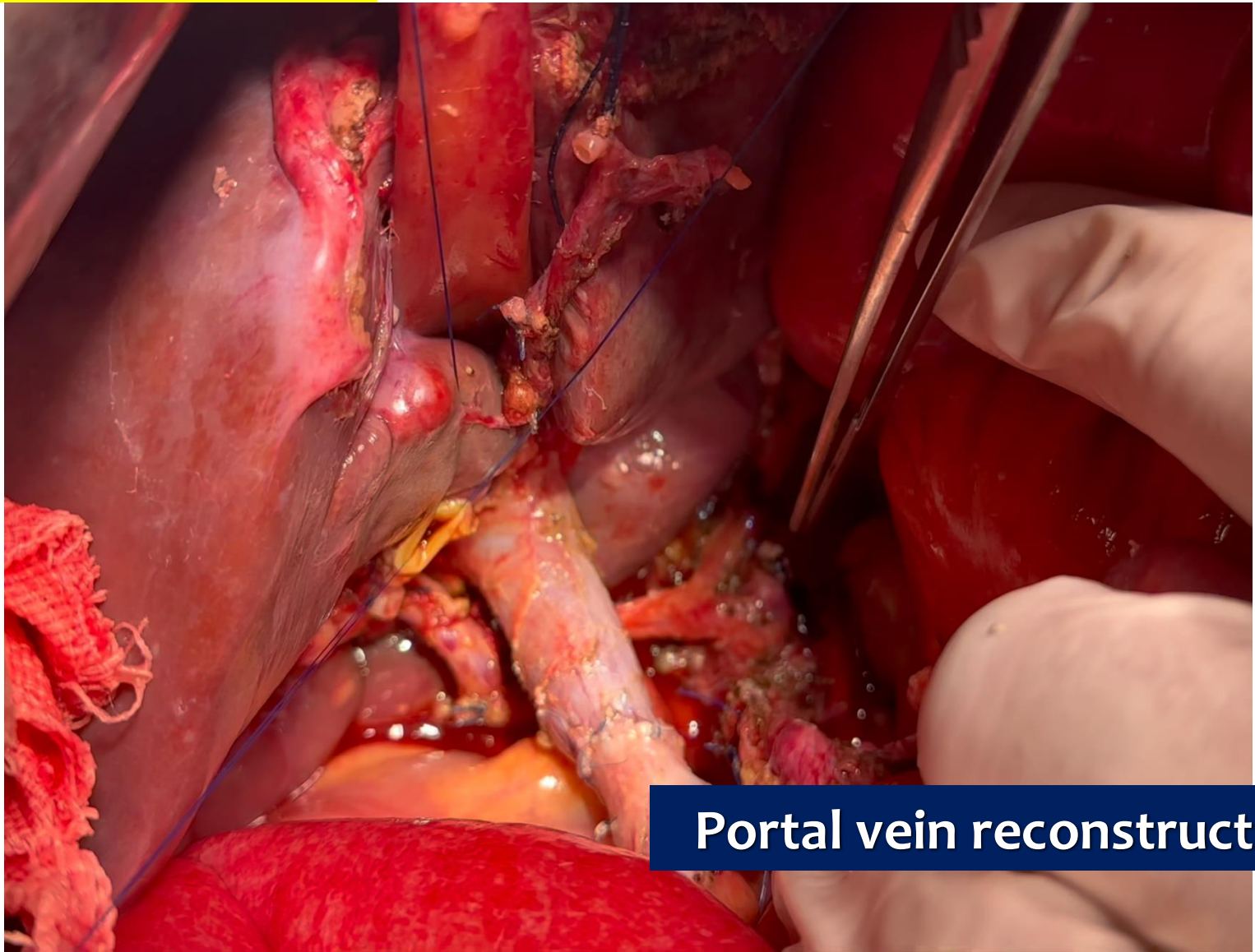
Portal vein reconstruction

VASCULAR INVOLVEMENT



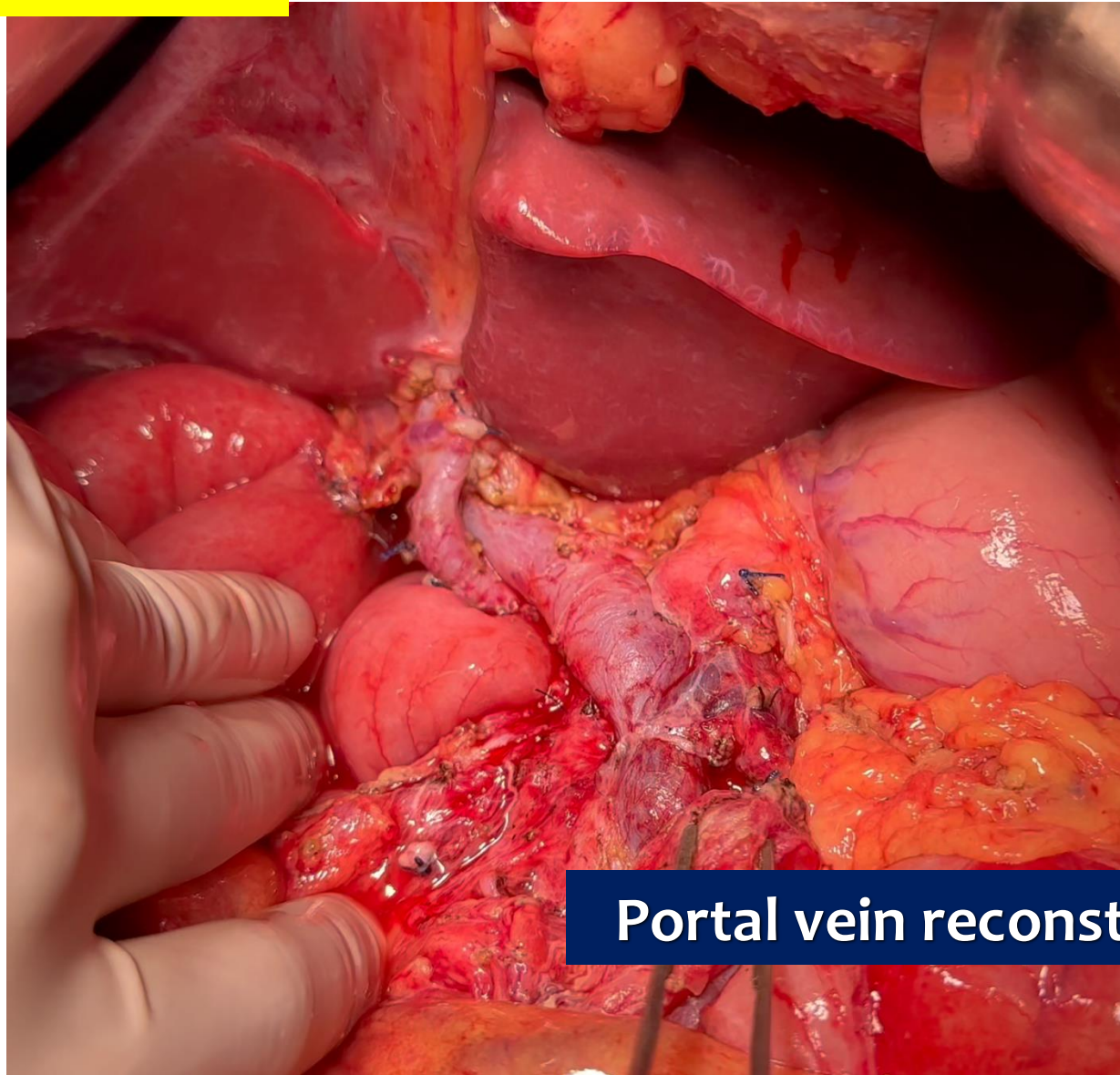
Portal vein reconstruction

VASCULAR INVOLVEMENT



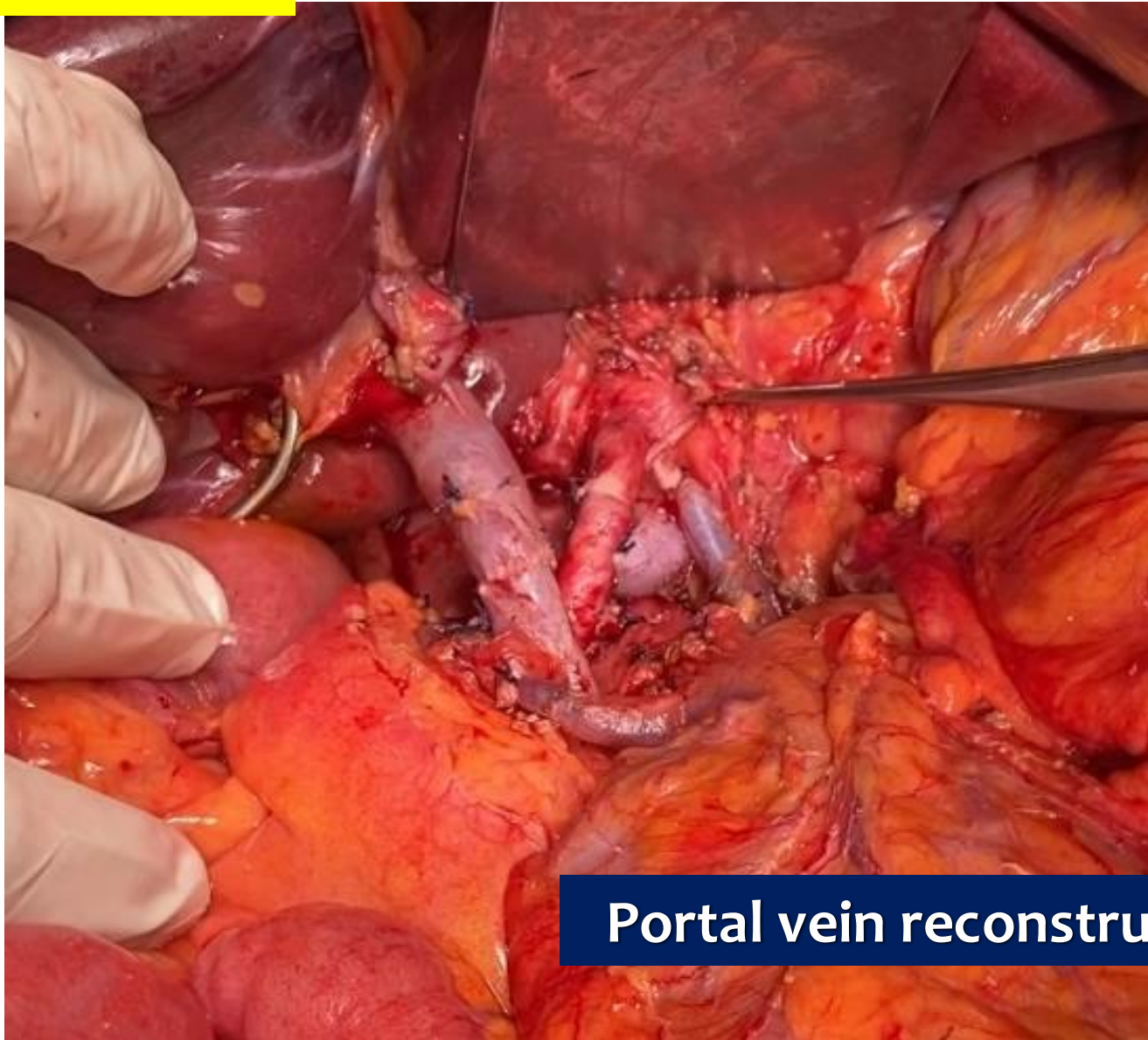
Portal vein reconstruction

VASCULAR INVOLVEMENT



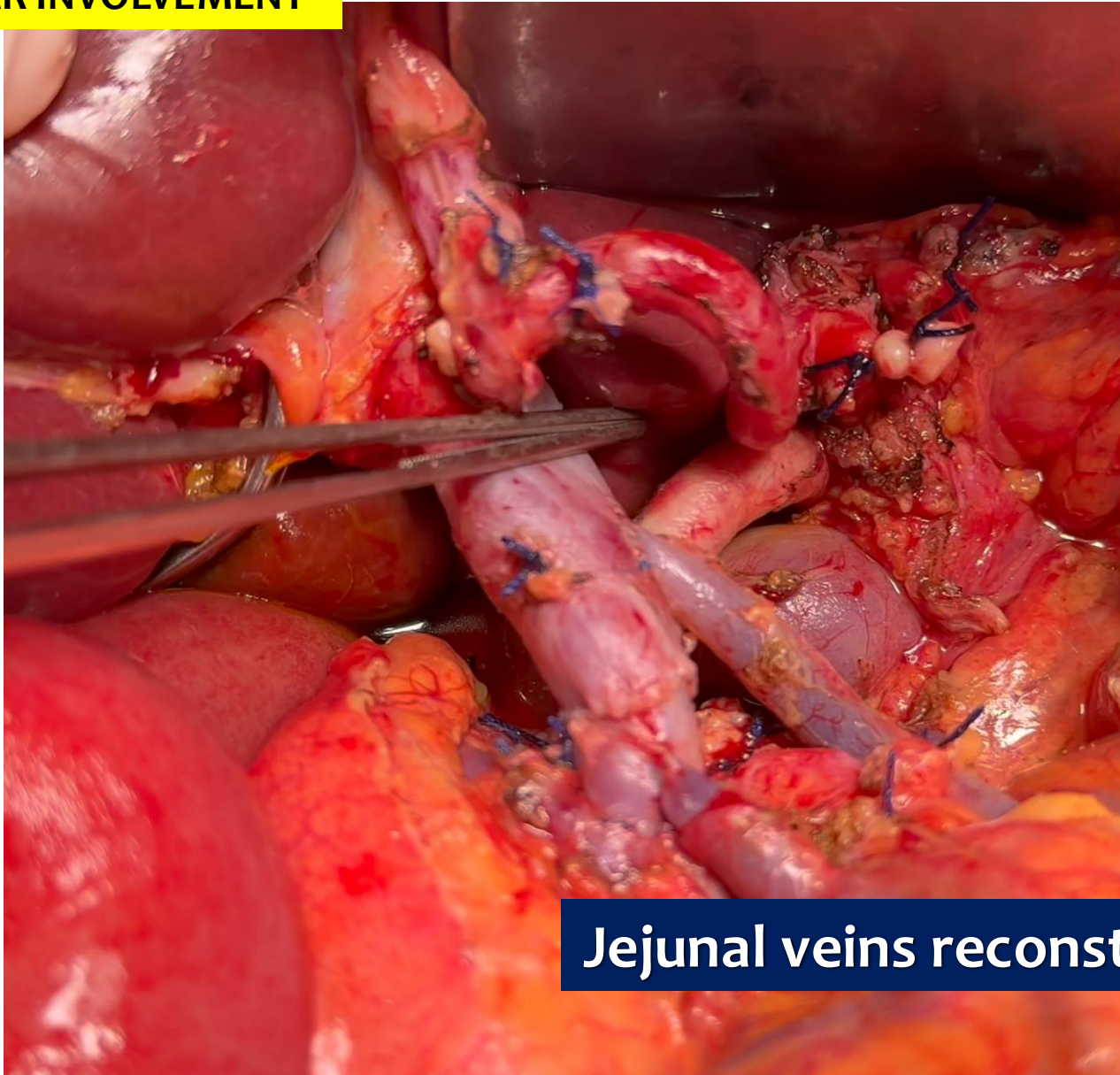
Portal vein reconstruction

VASCULAR INVOLVEMENT



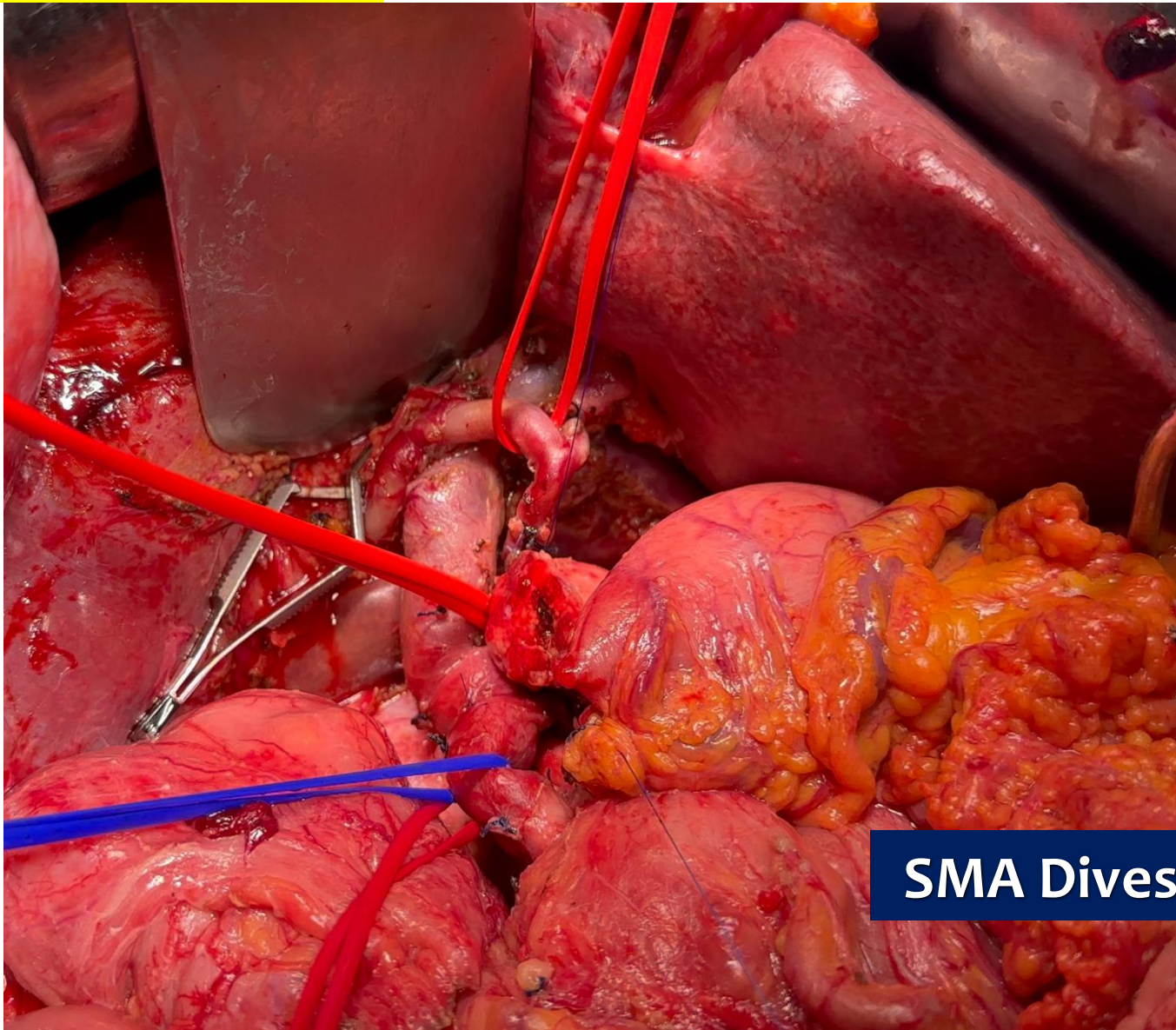
Portal vein reconstruction

VASCULAR INVOLVEMENT

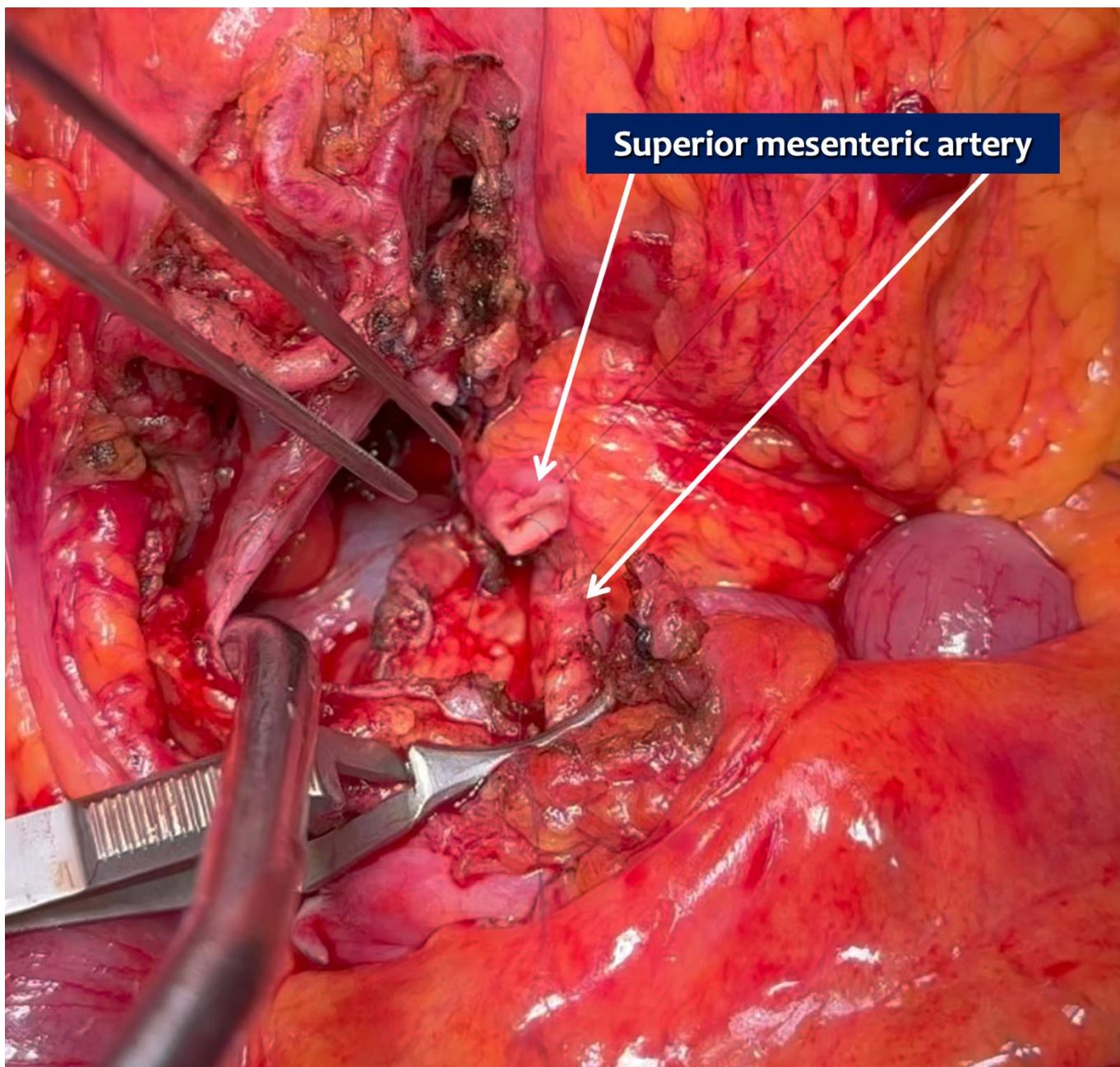


Jejunal veins reconstruction

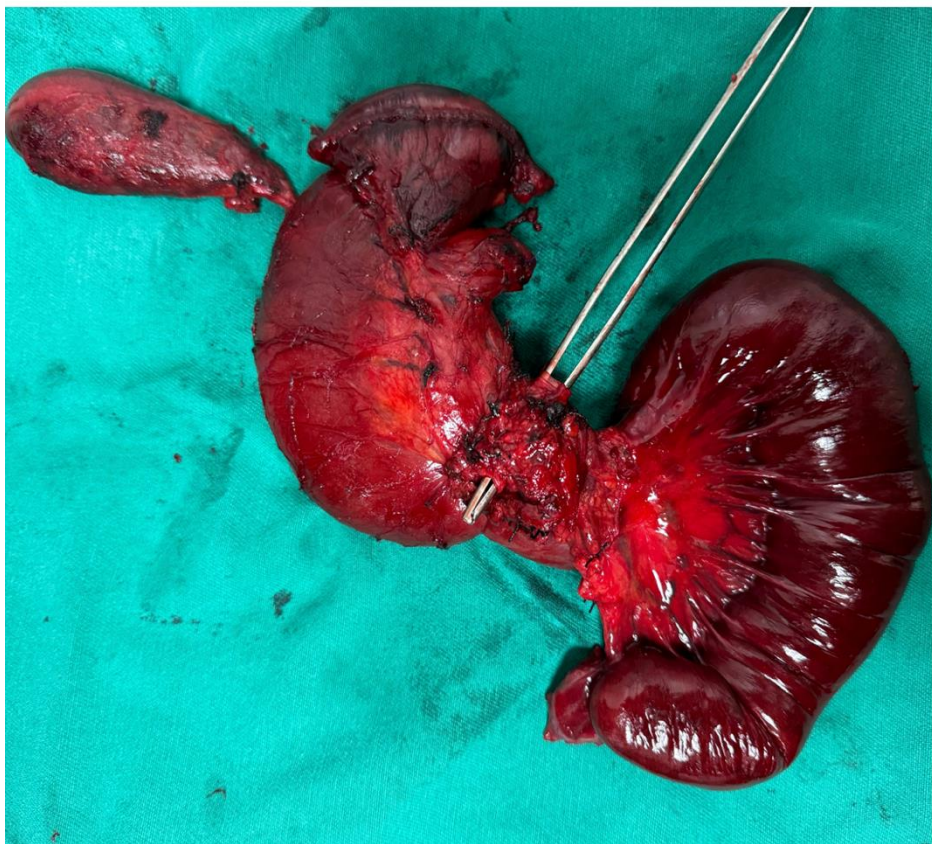
VASCULAR INVOLVEMENT



SMA Divestment



Superior mesenteric artery





Lençóis Maranhenses

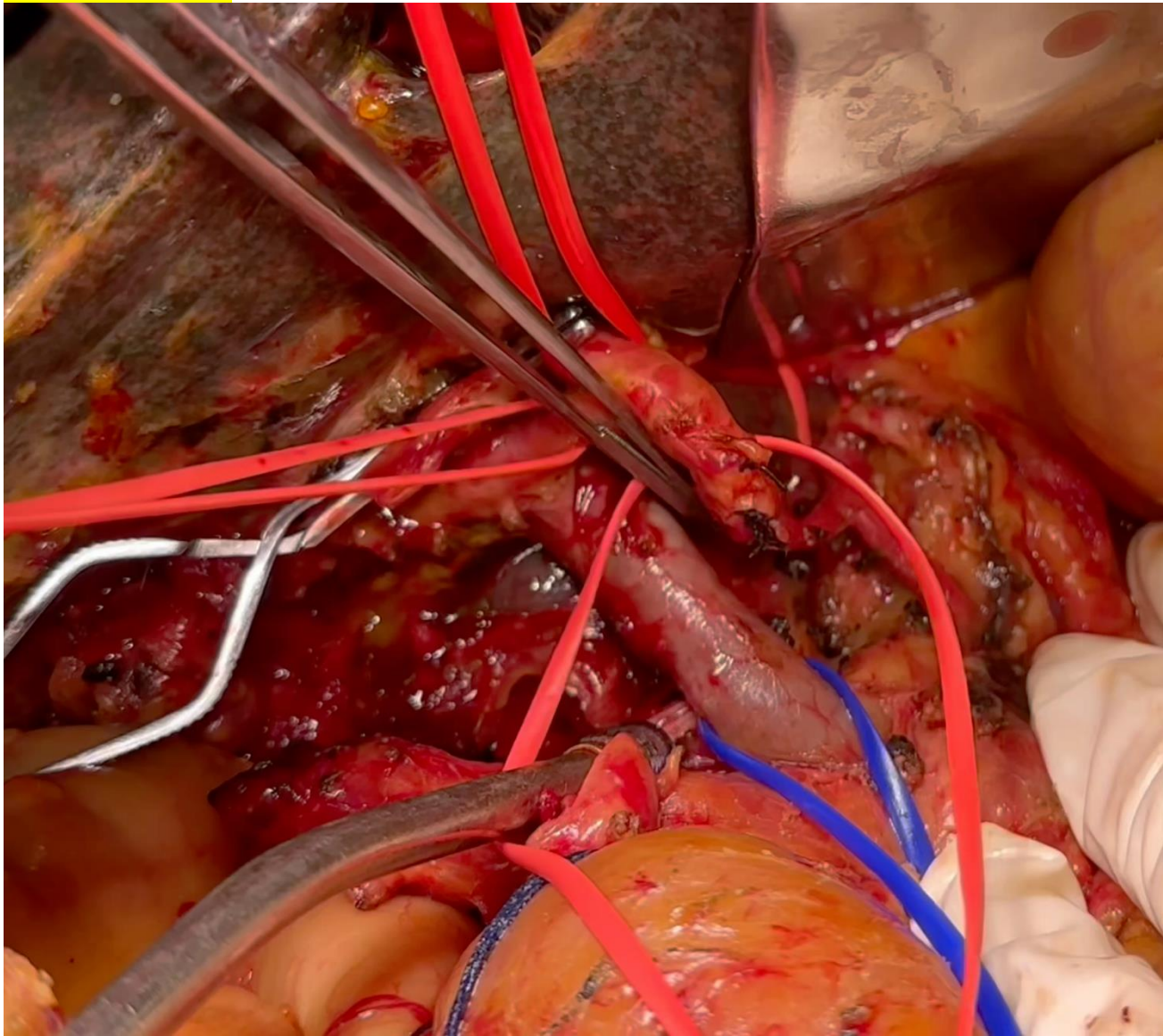
Thanks!



www.drorlandotorres.com.br

 [orlandotorres@gastrocirurgia](https://www.instagram.com/orlandotorres@gastrocirurgia)

HILUM



Portal vein isolation