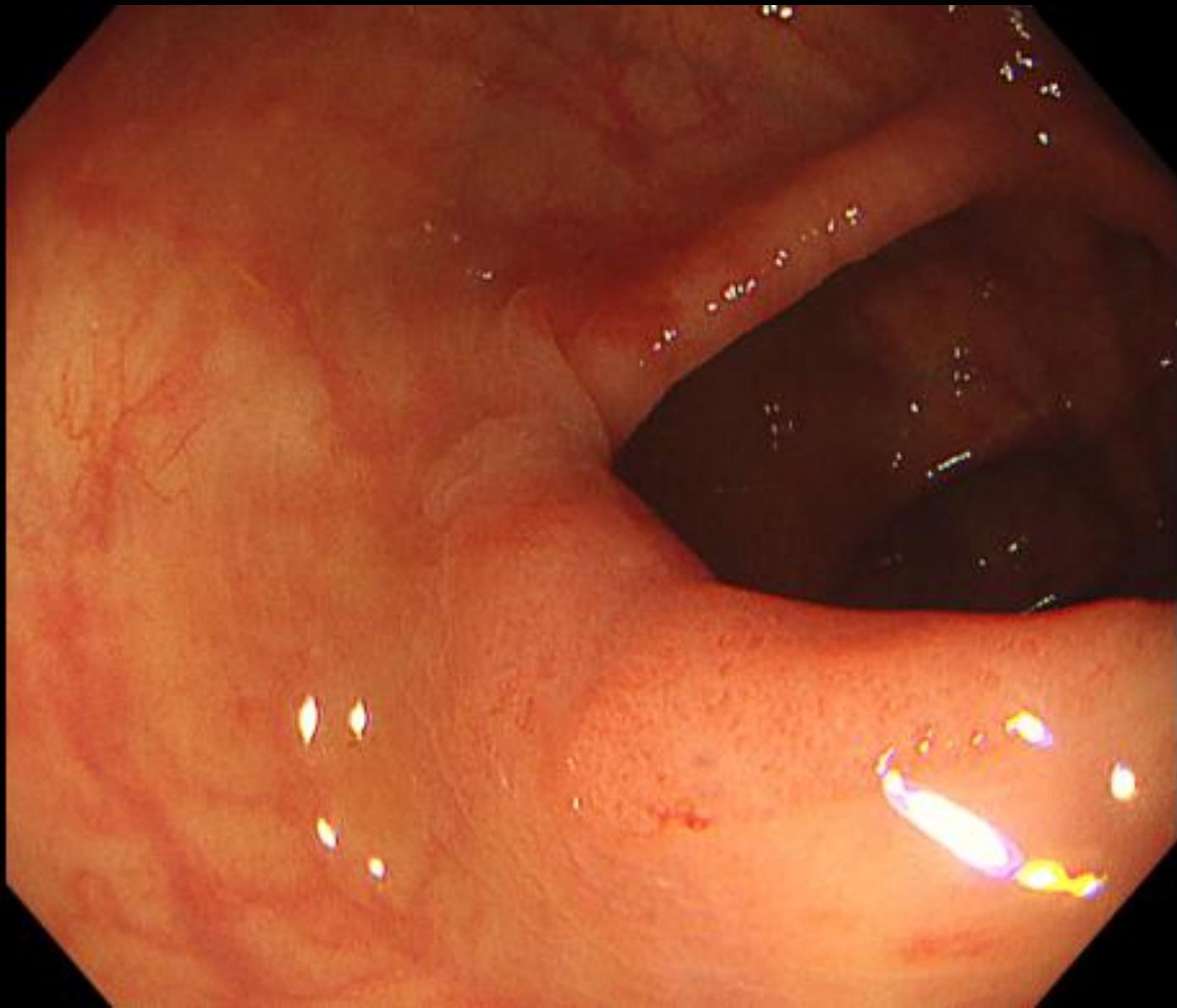


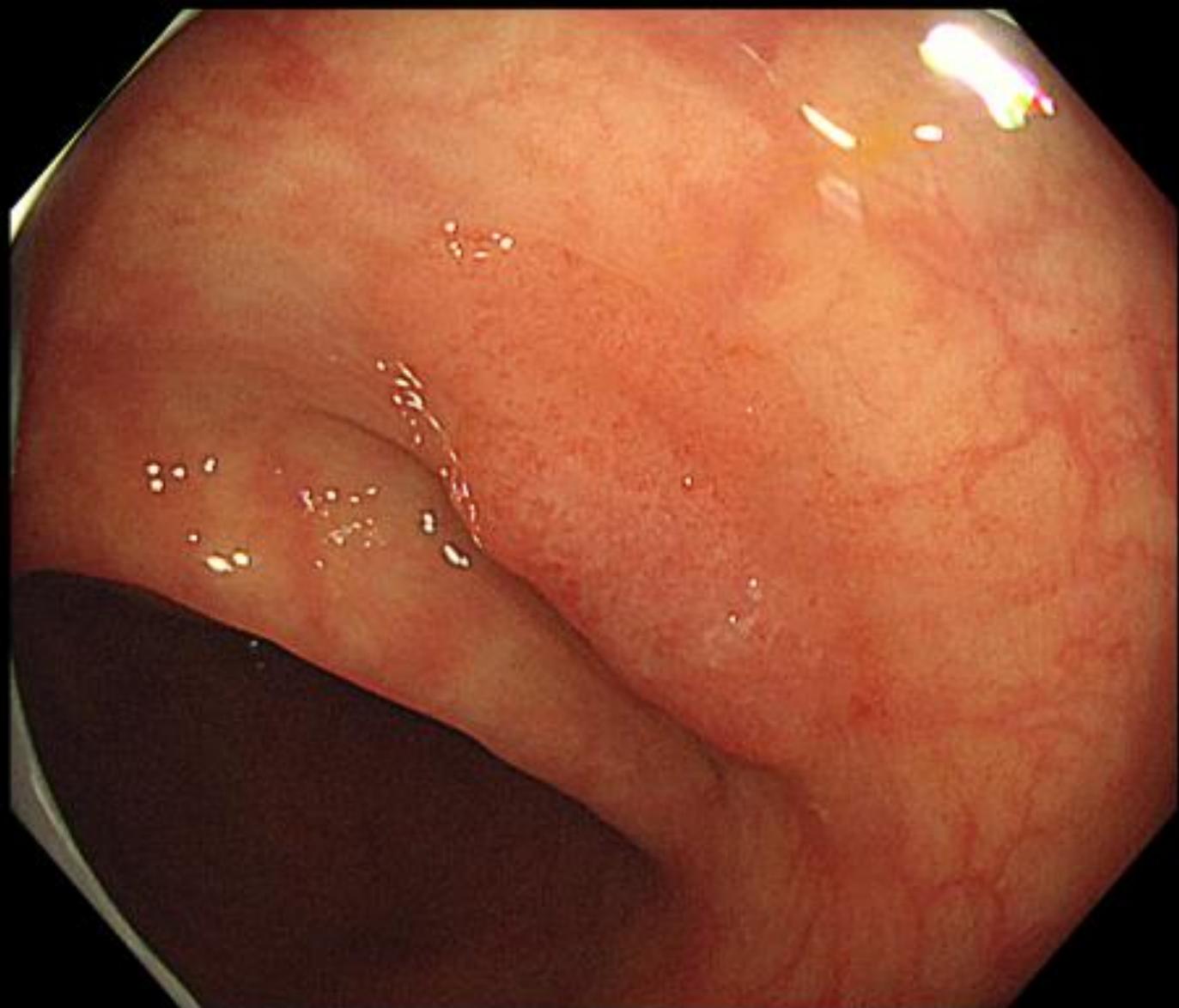
# 消化管mapping

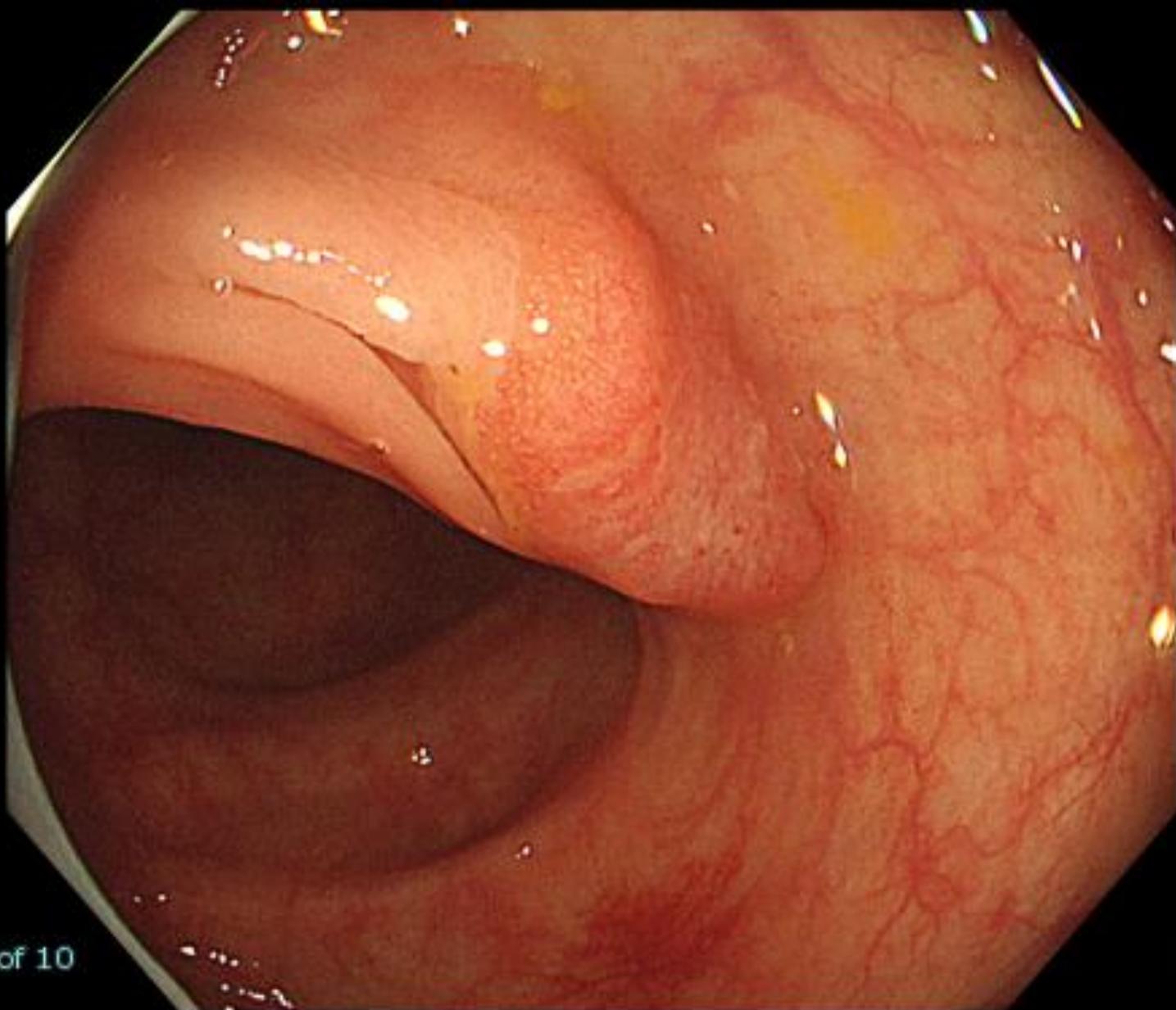
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担当： 浜崎 龍平

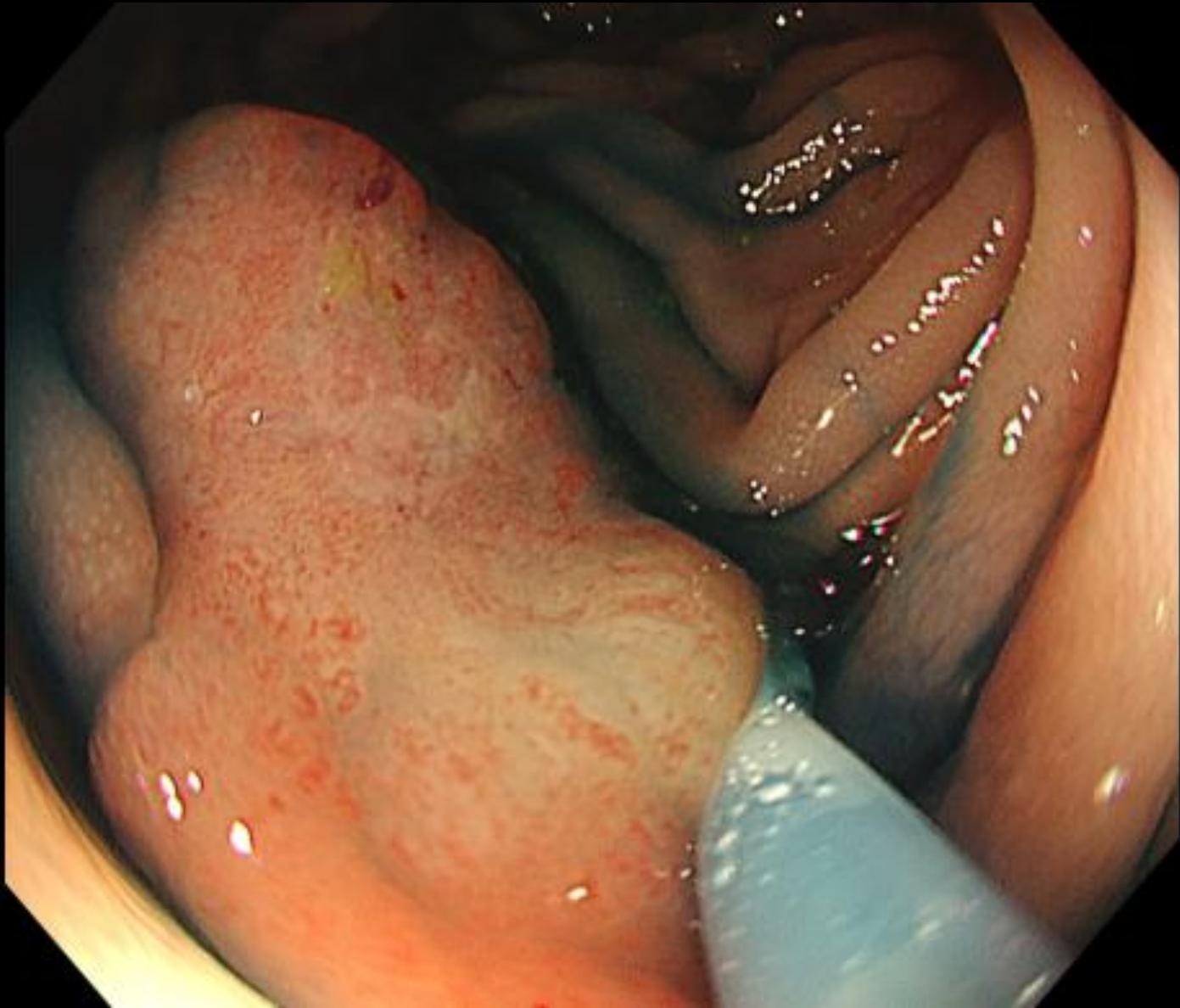
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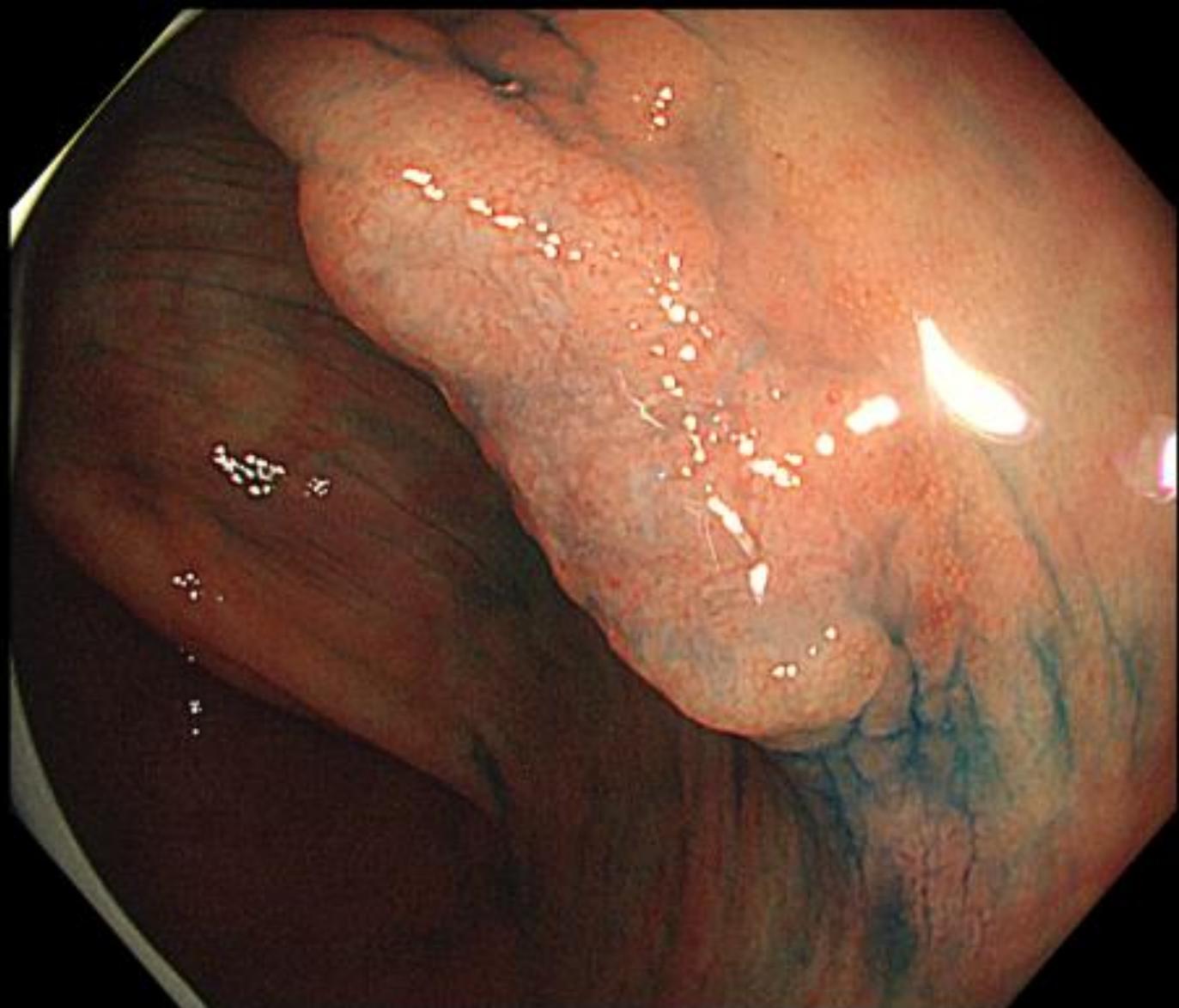




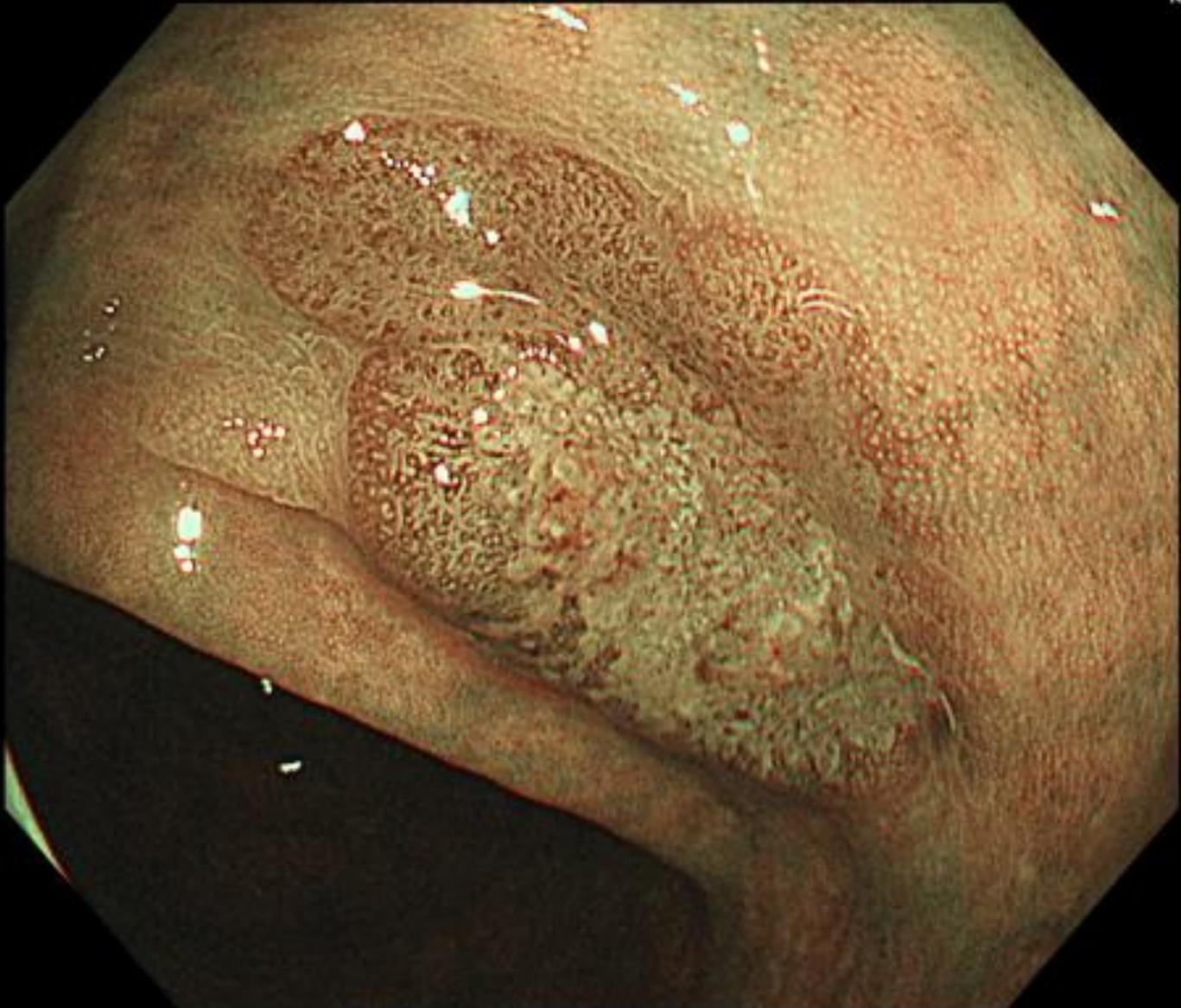


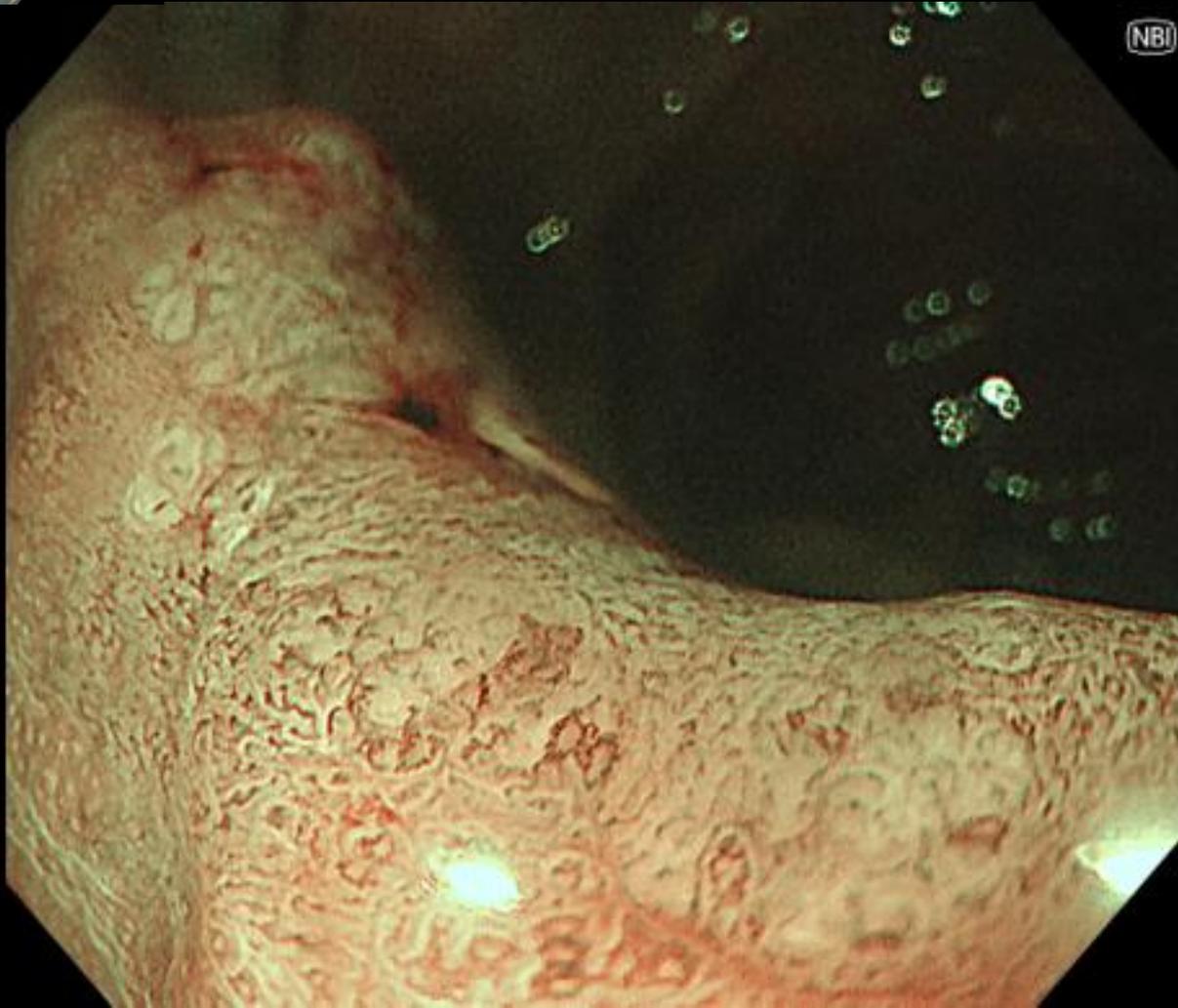
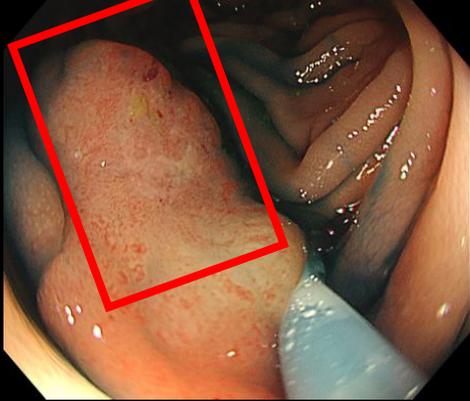
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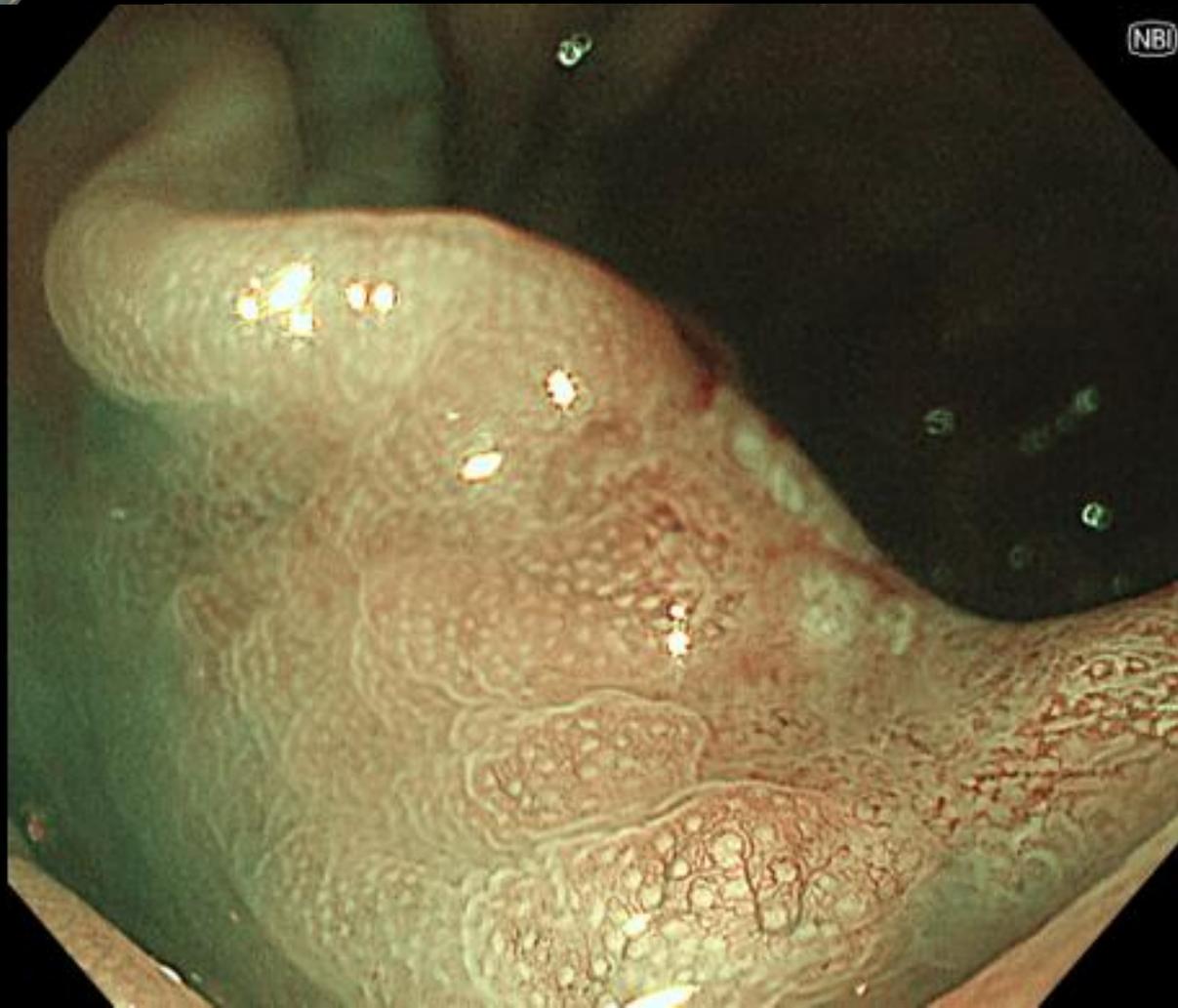
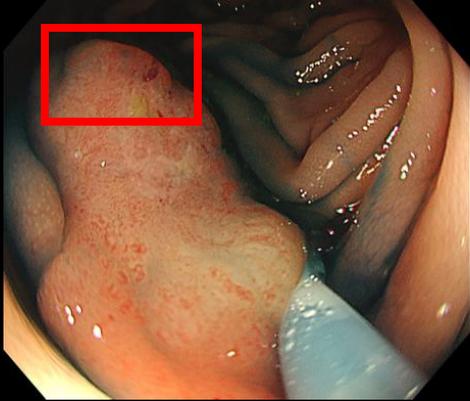


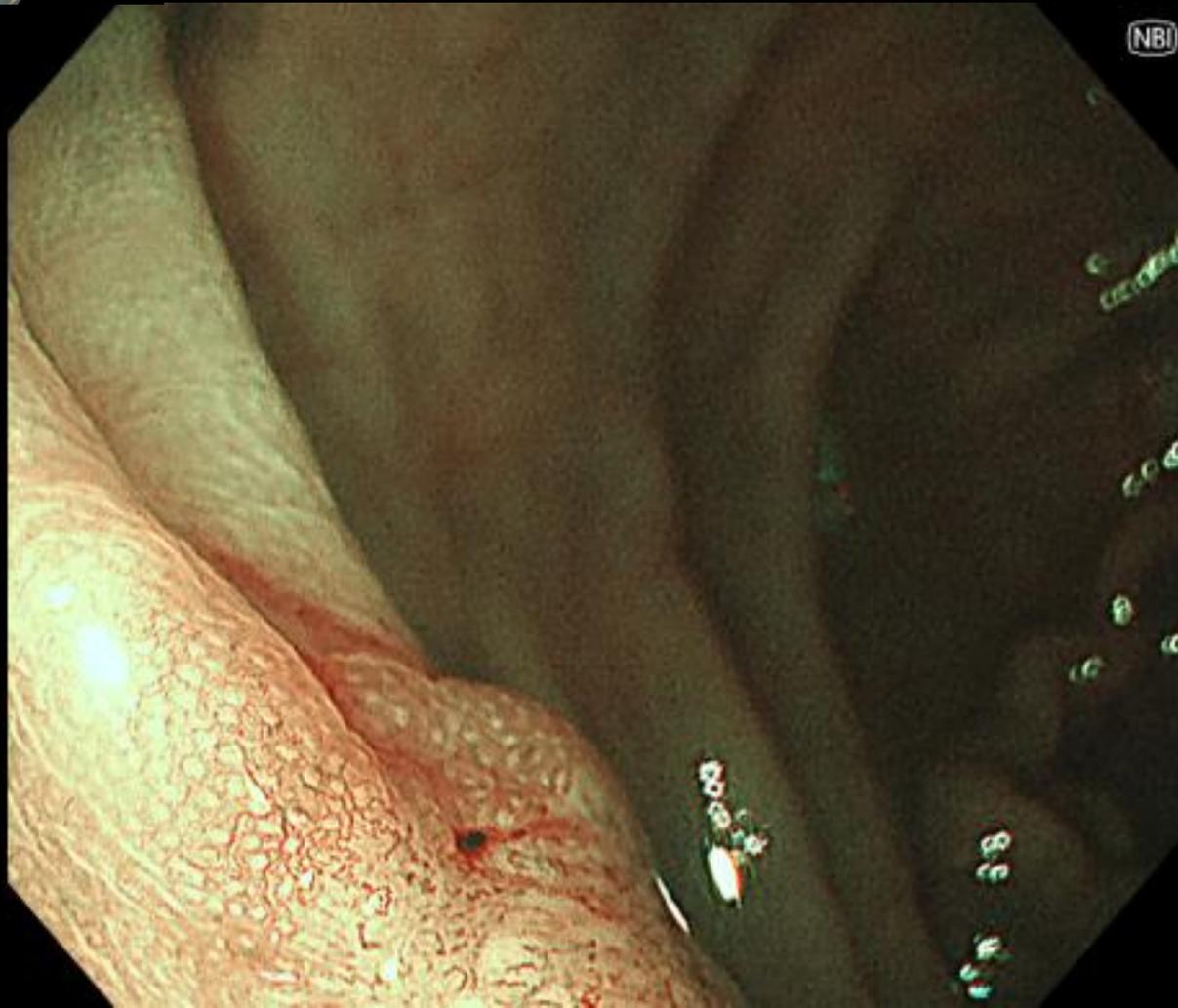
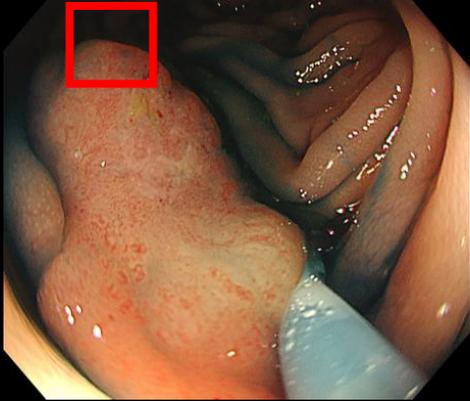


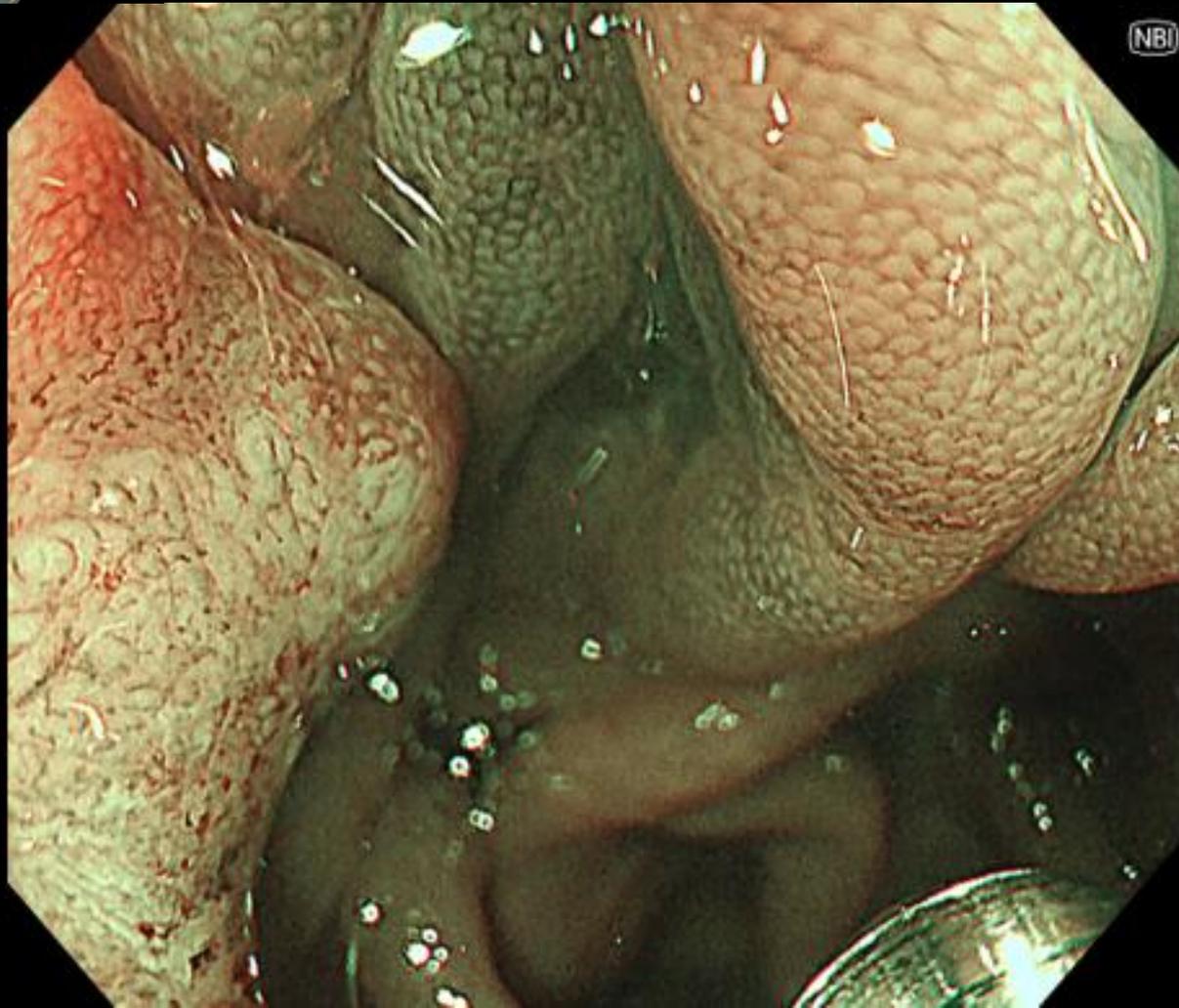
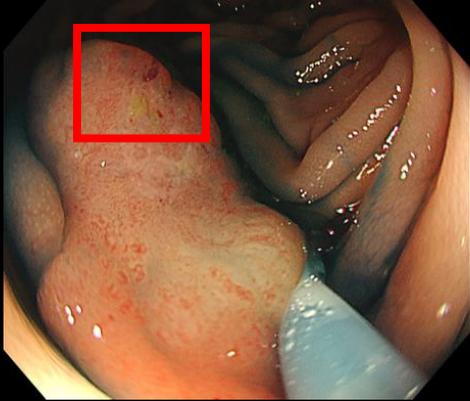
**NBI**  
**(7枚)**

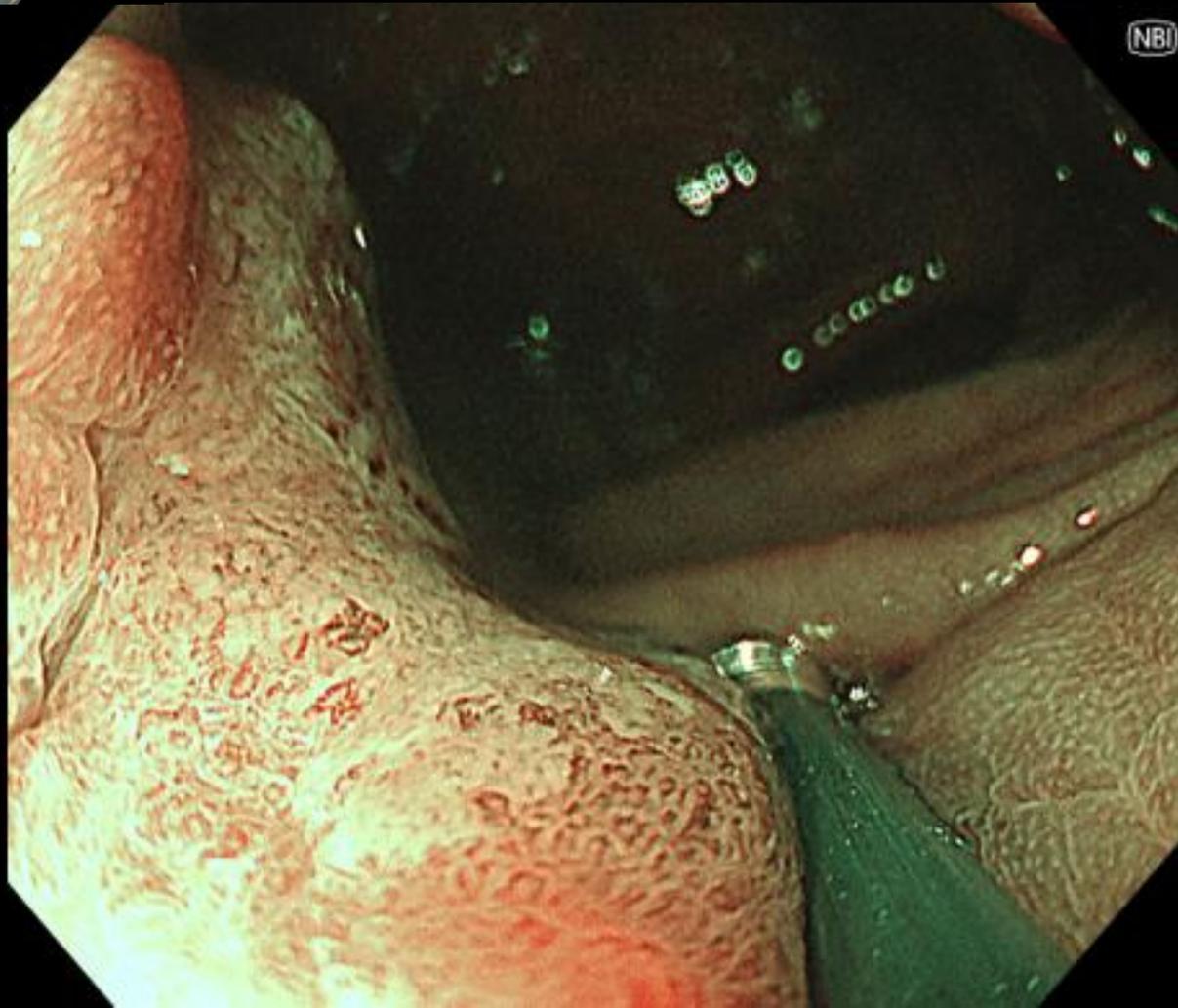
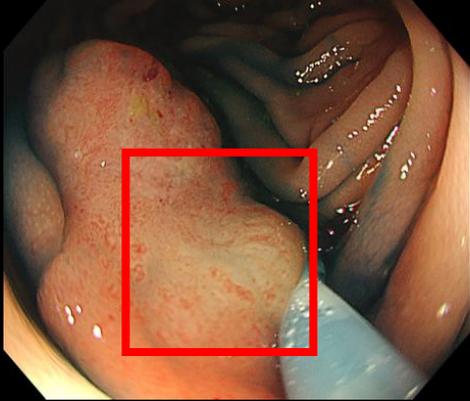


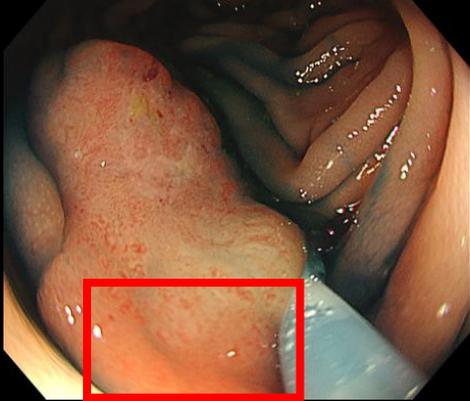




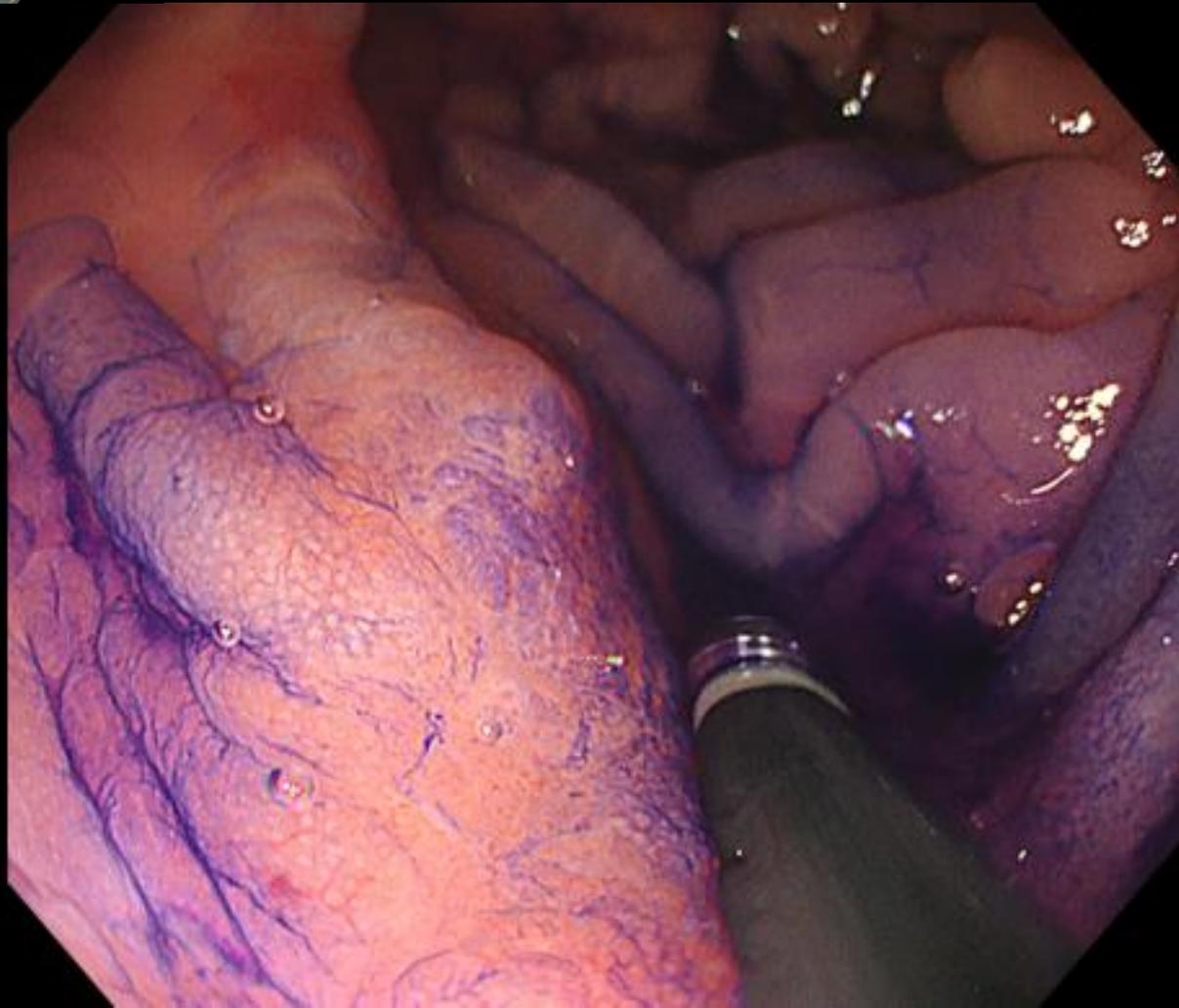
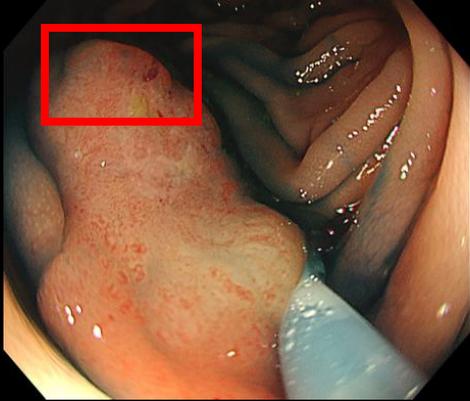


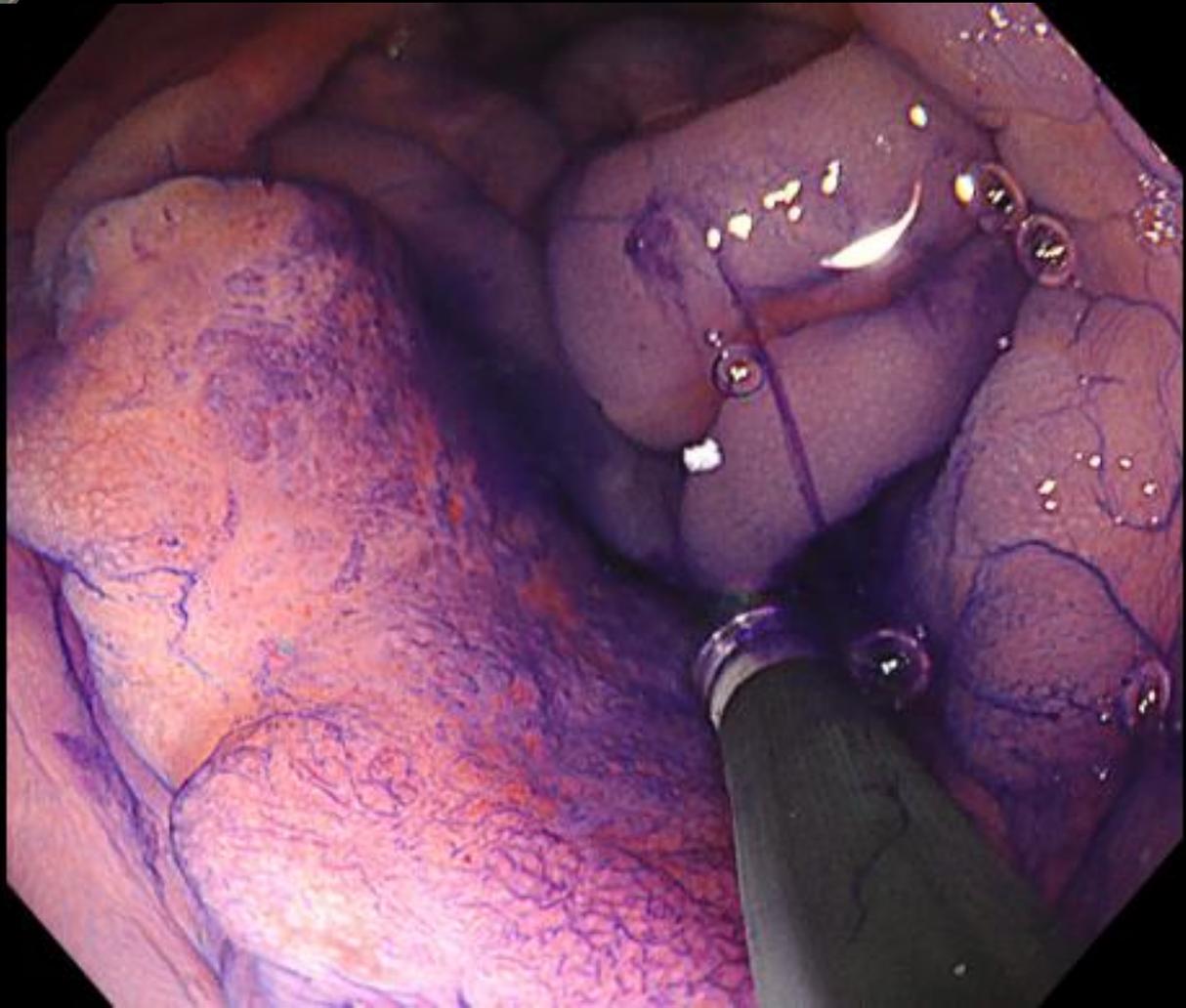
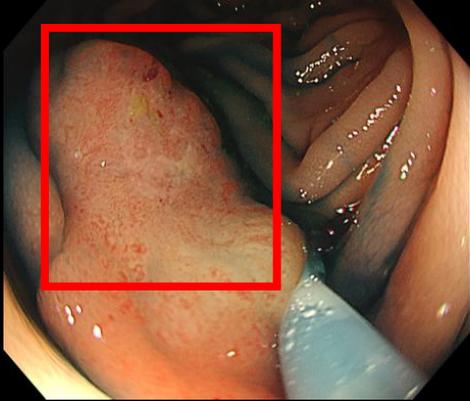


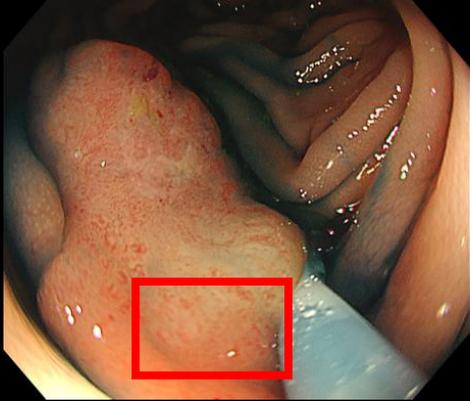


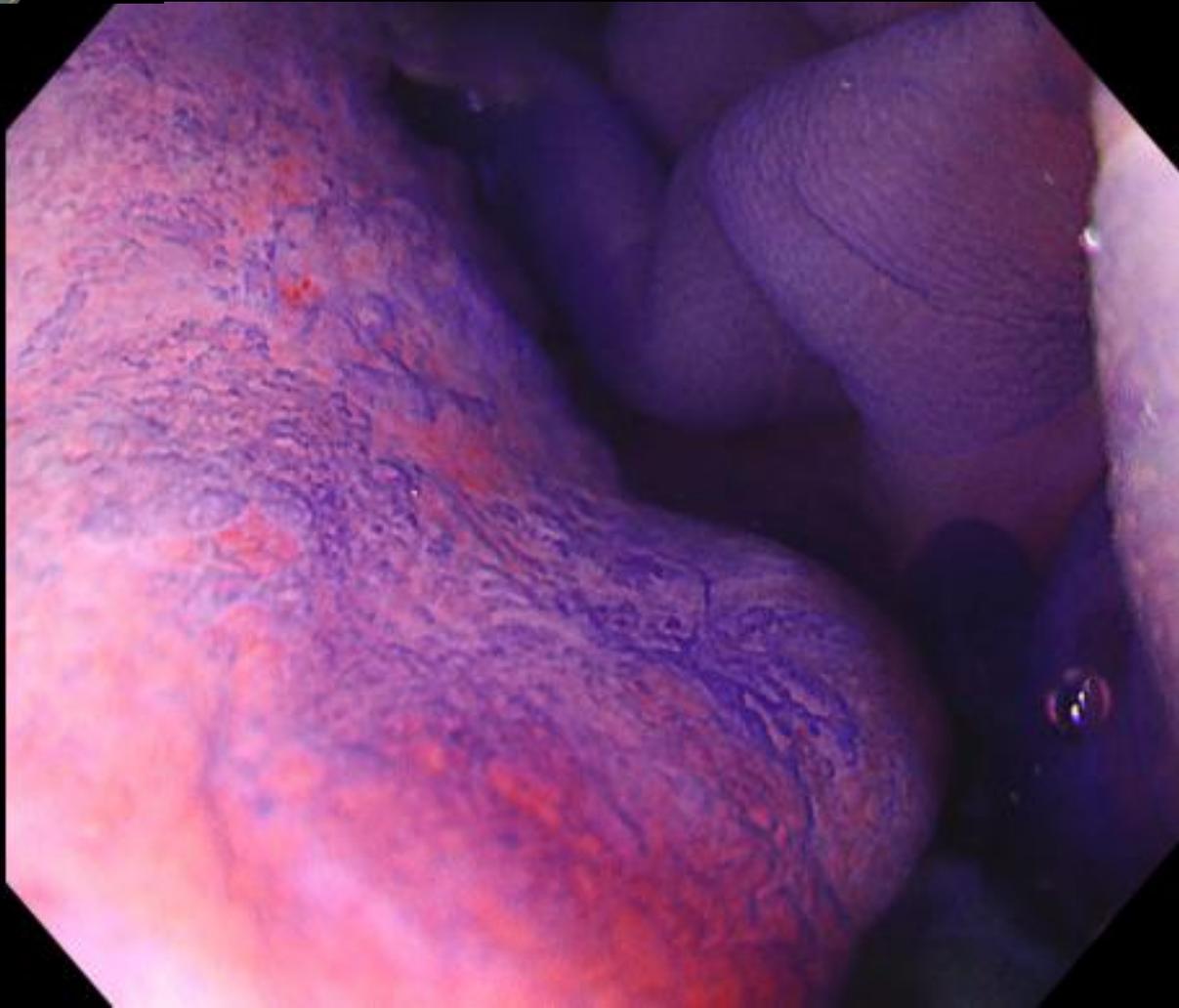
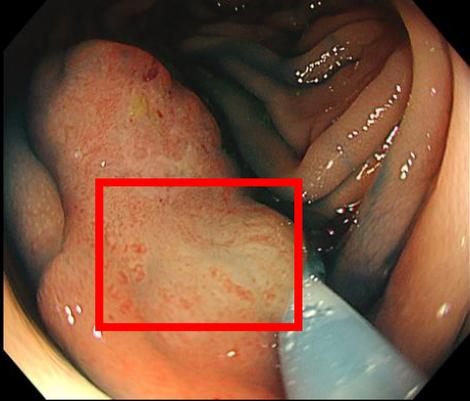


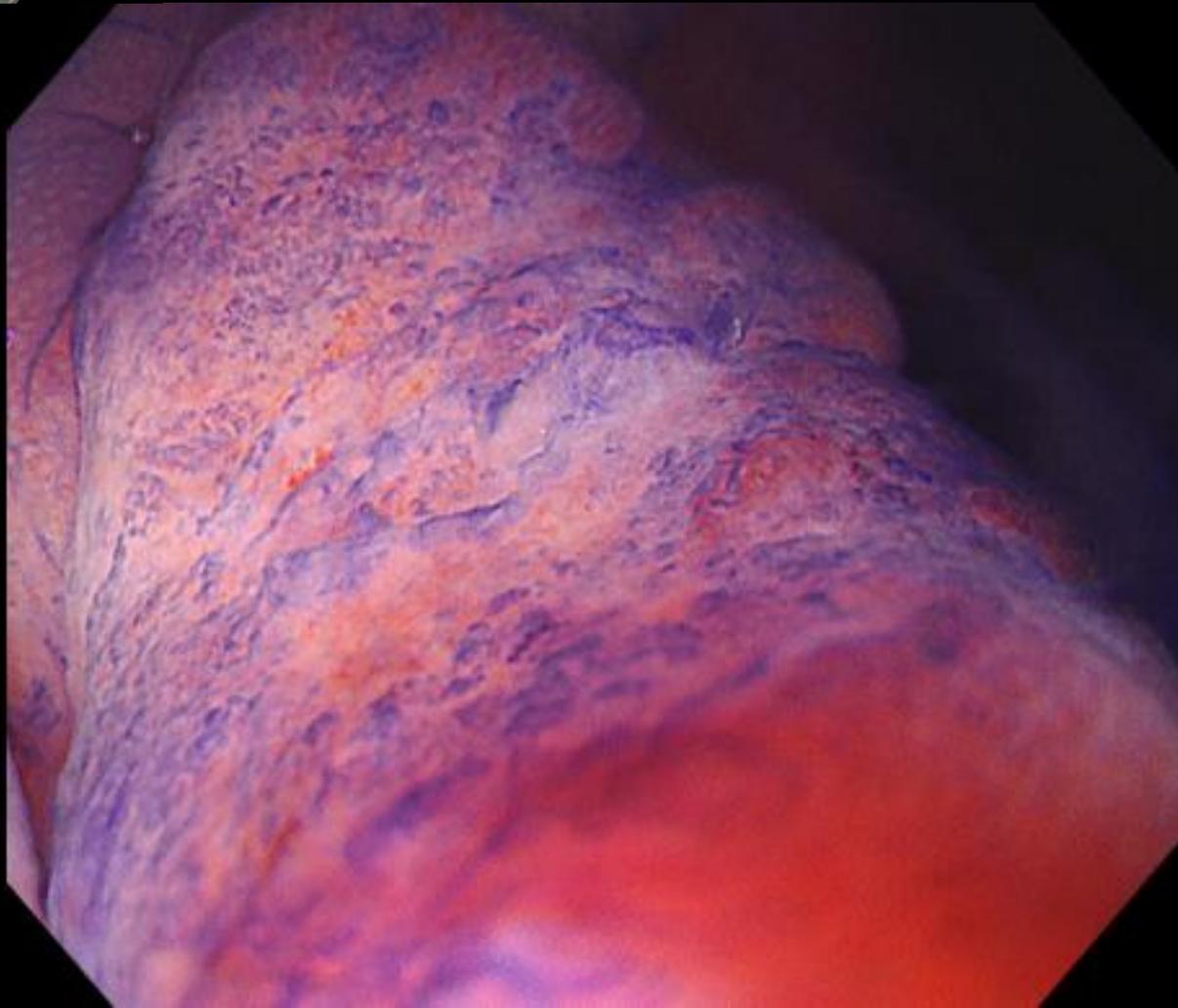
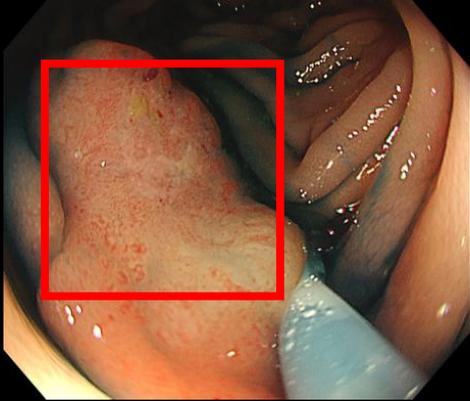
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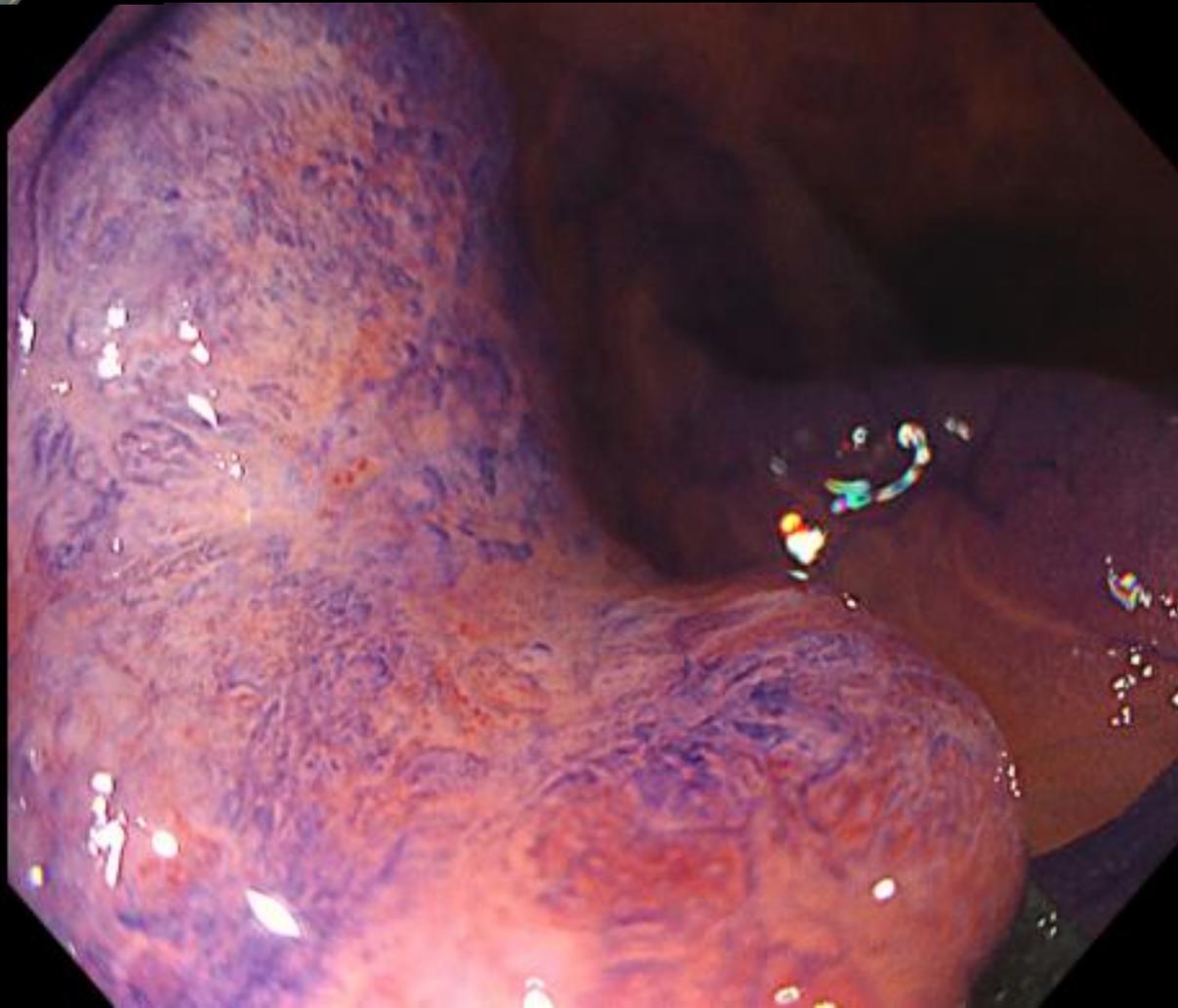
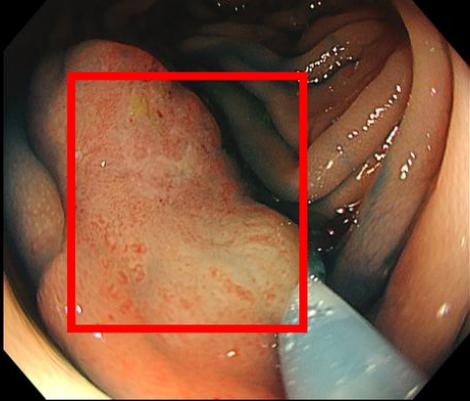


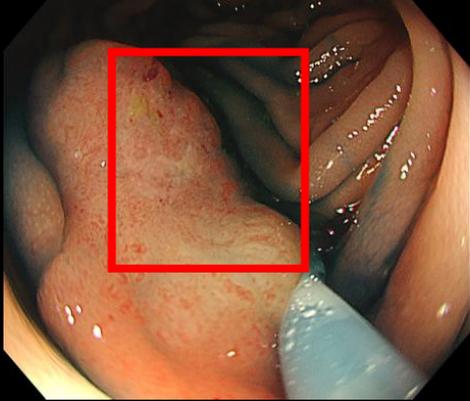


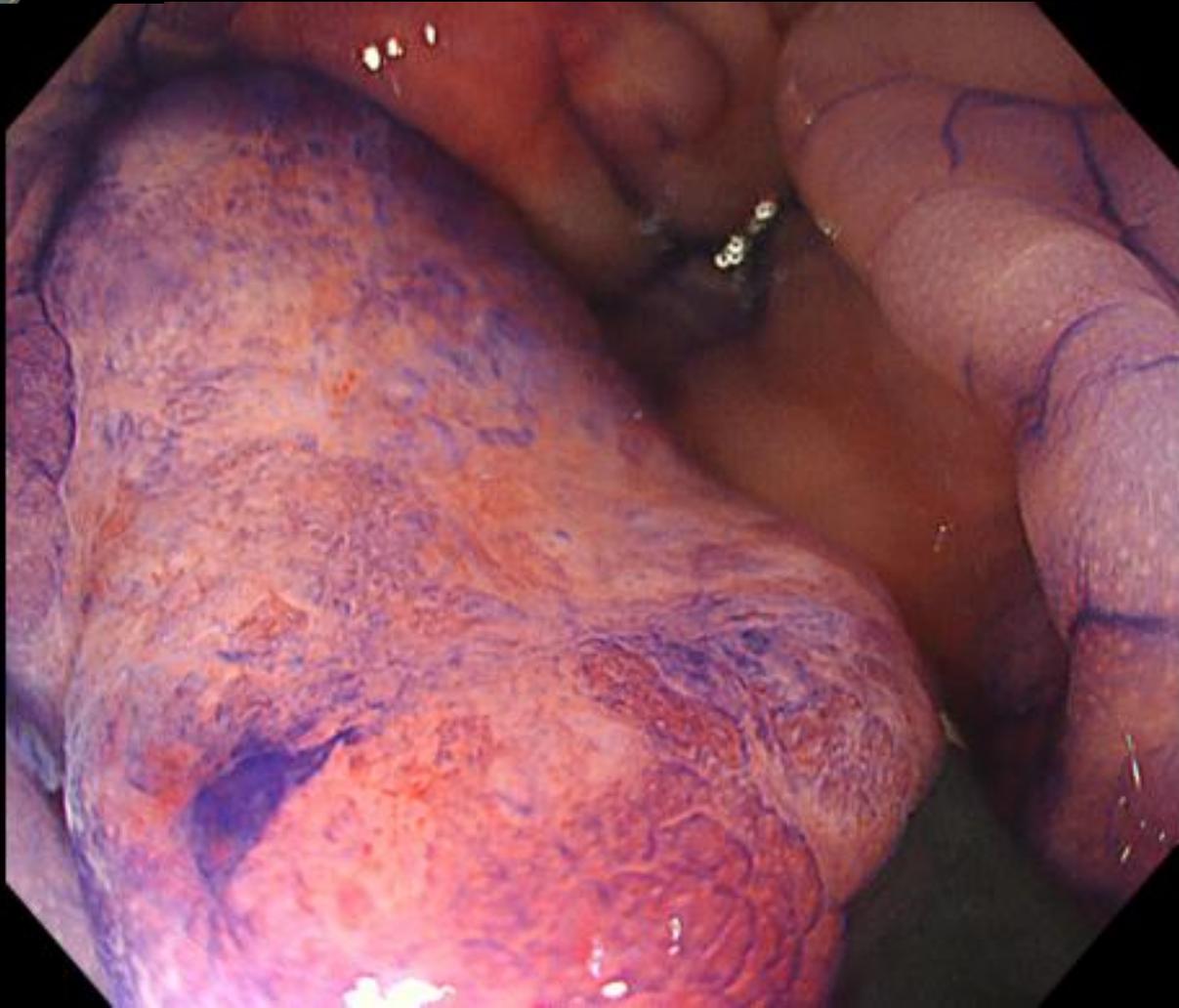
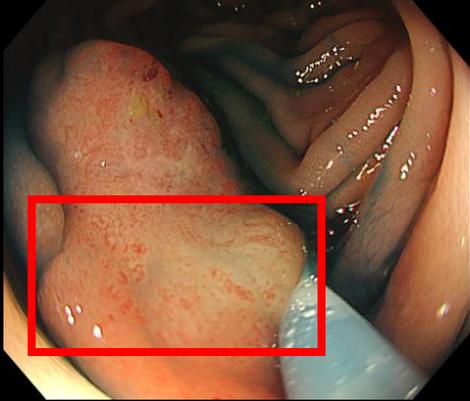




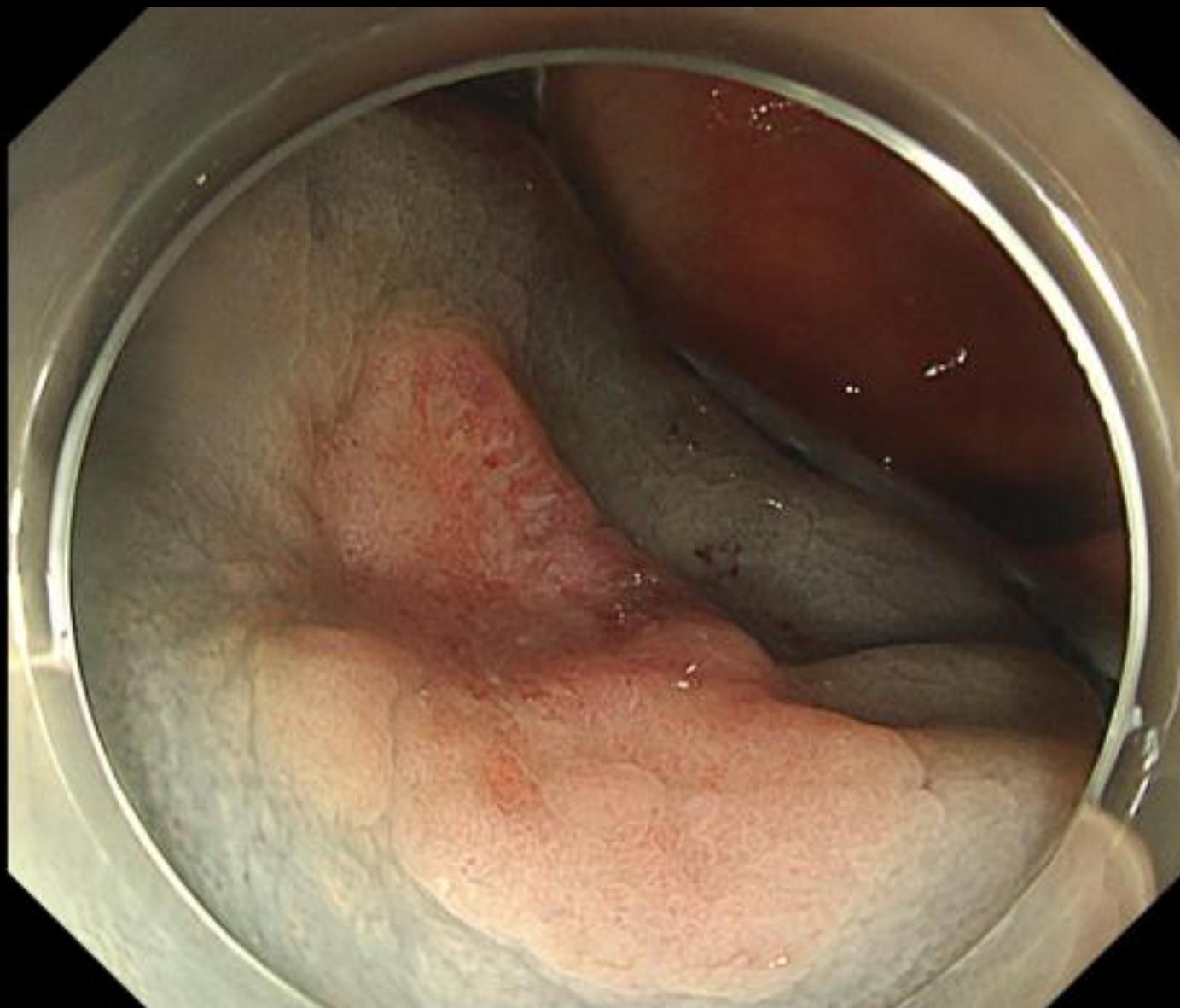


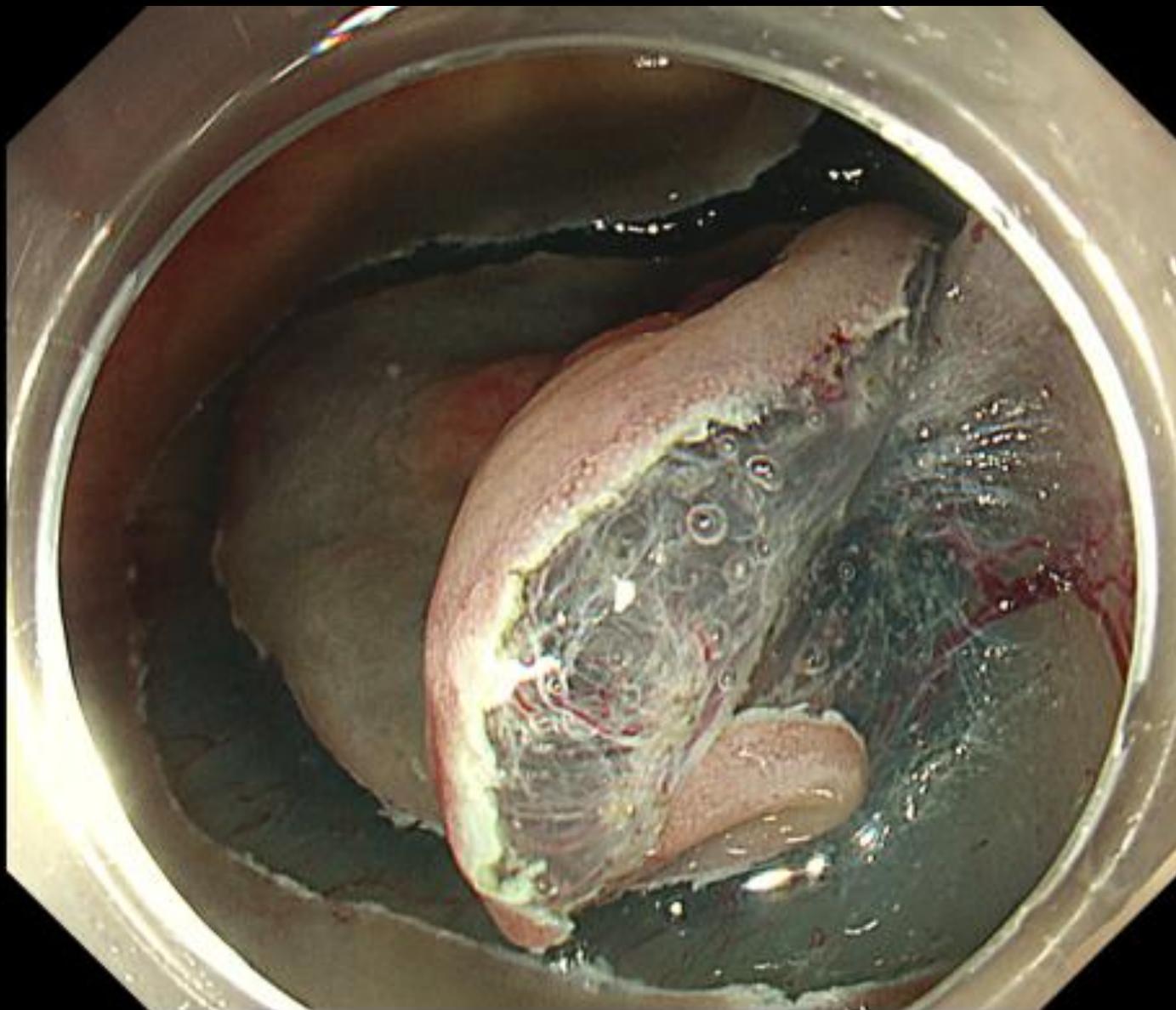


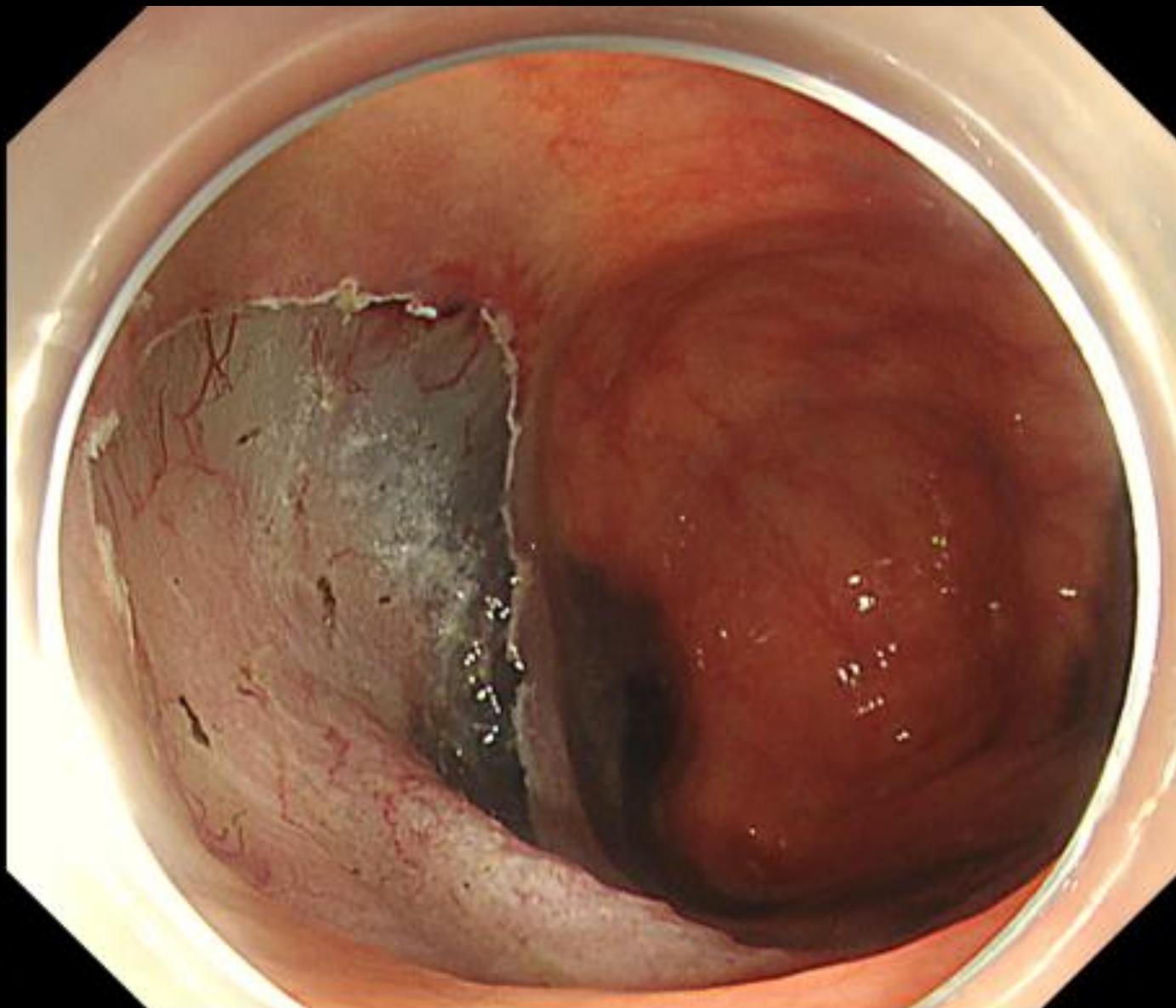




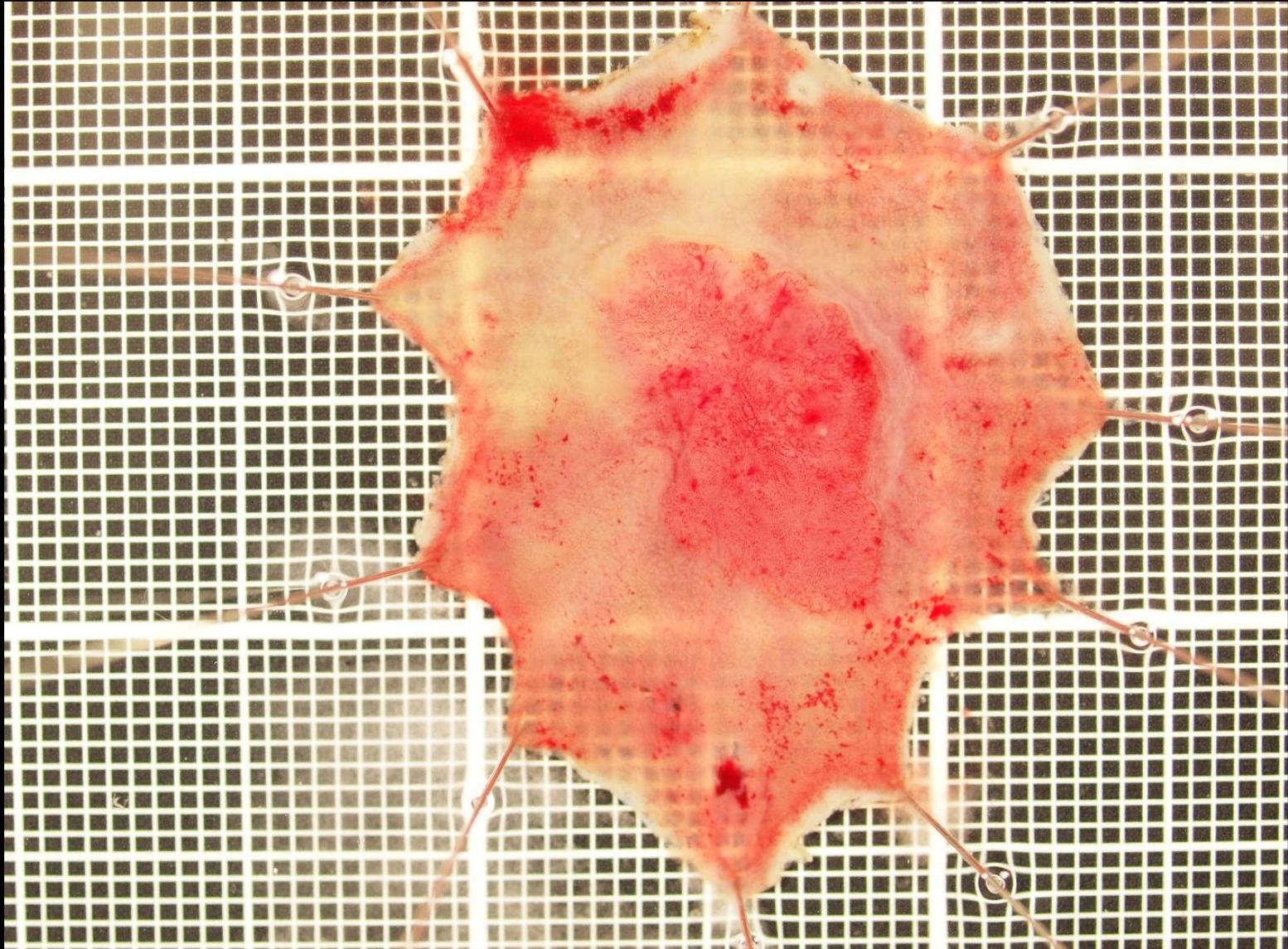
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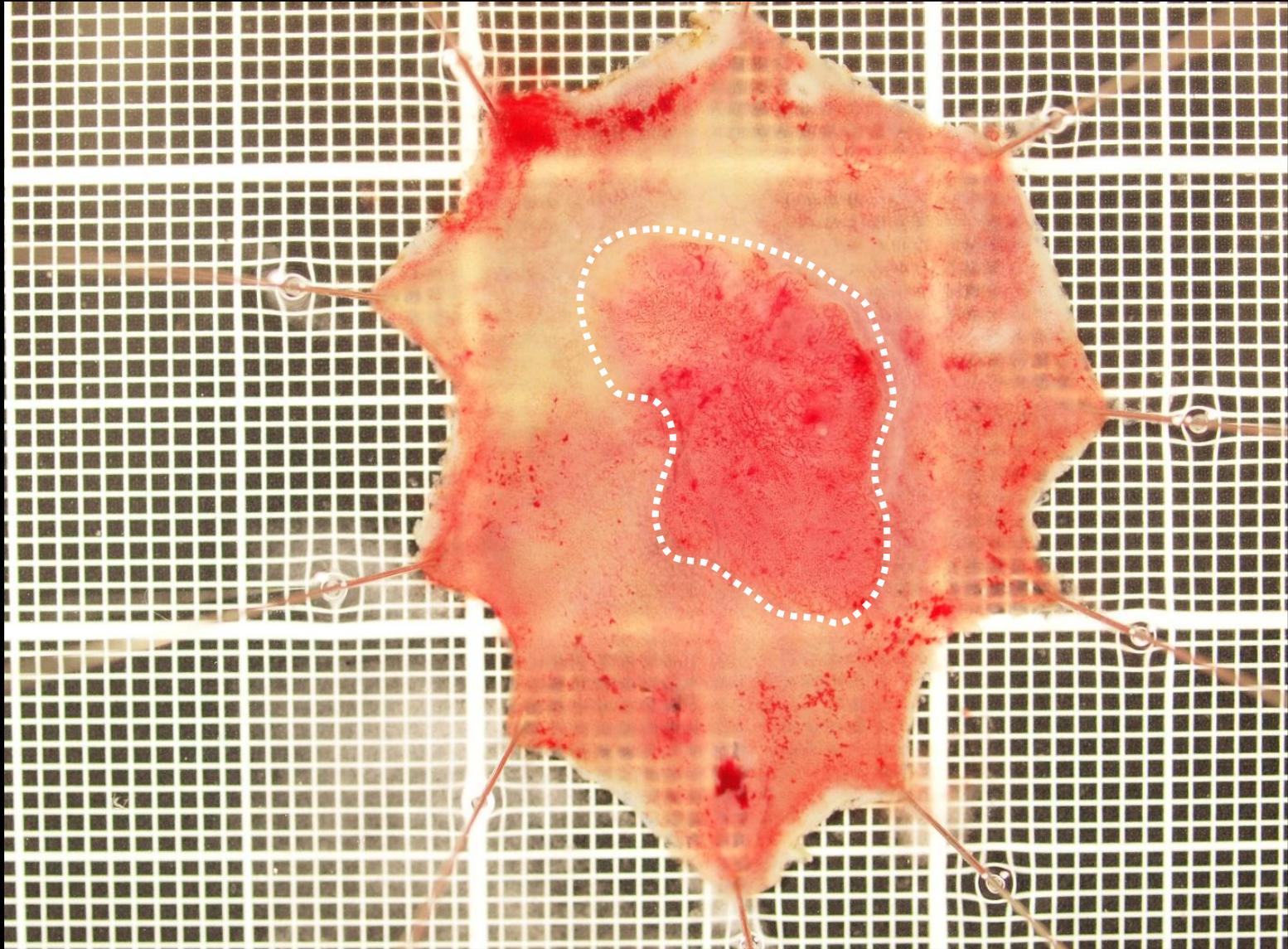






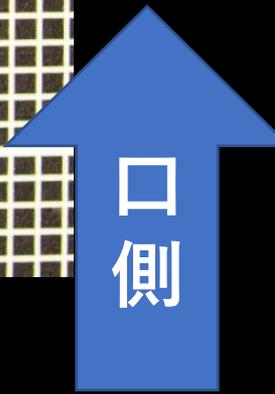
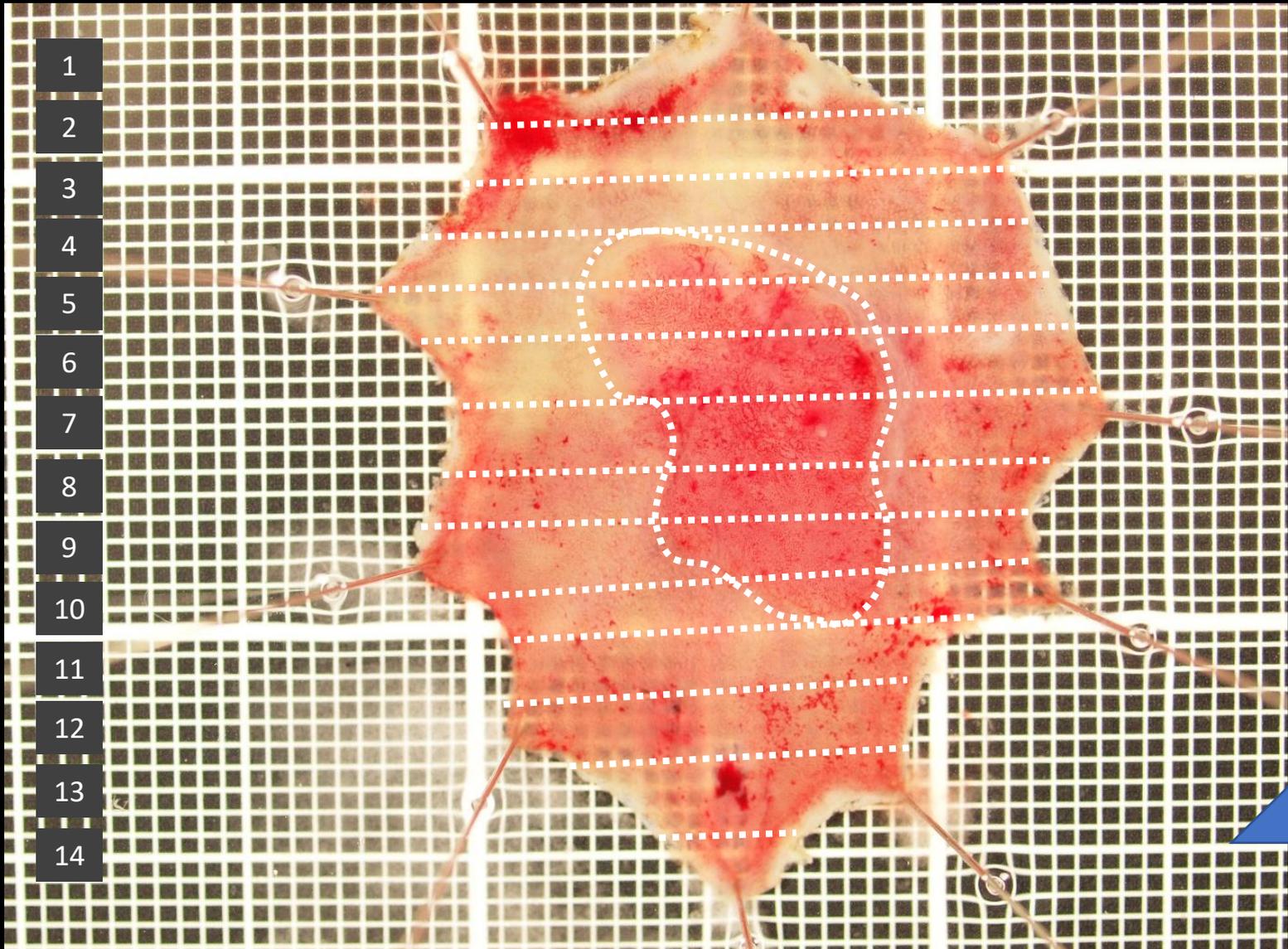
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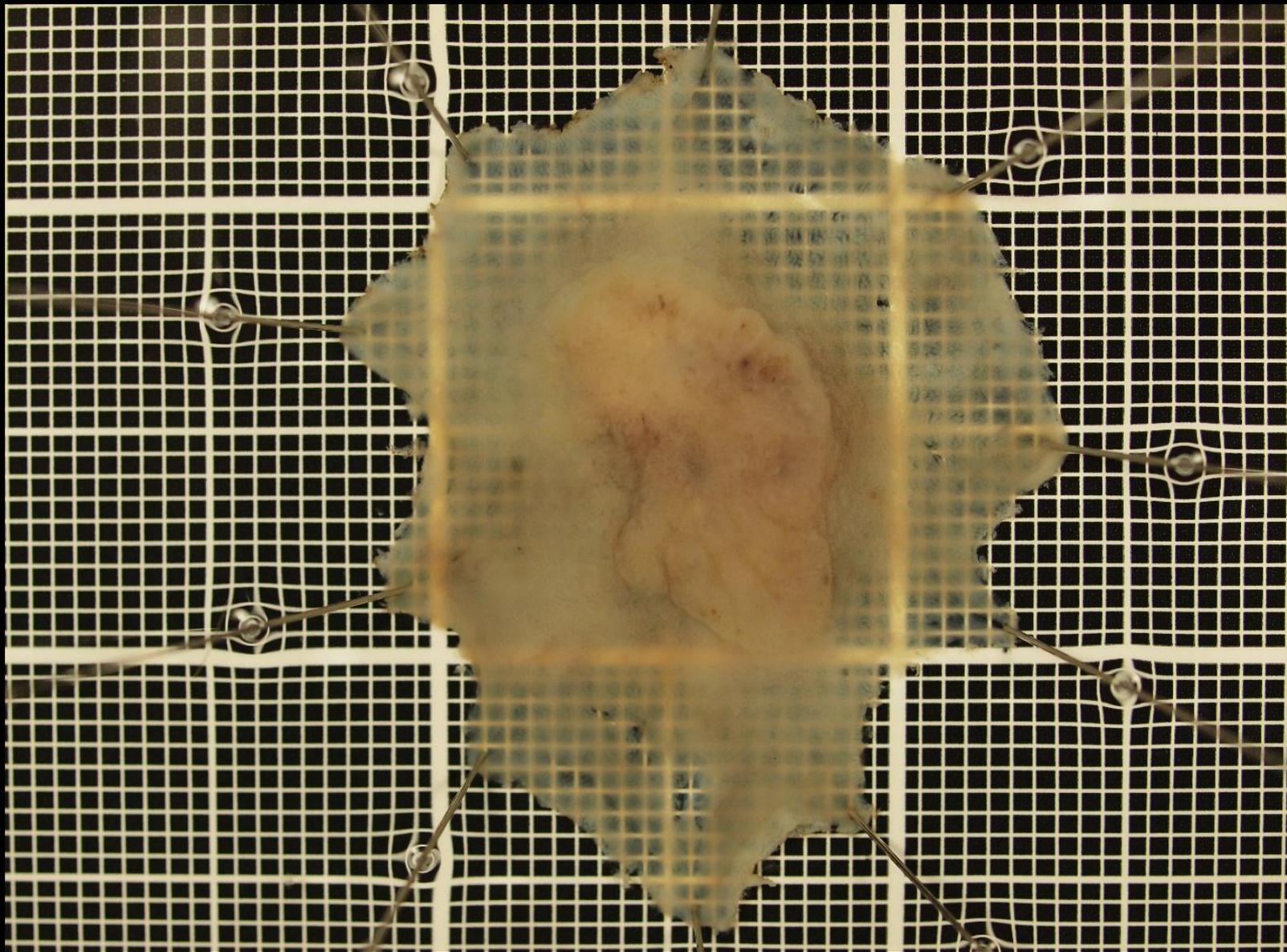


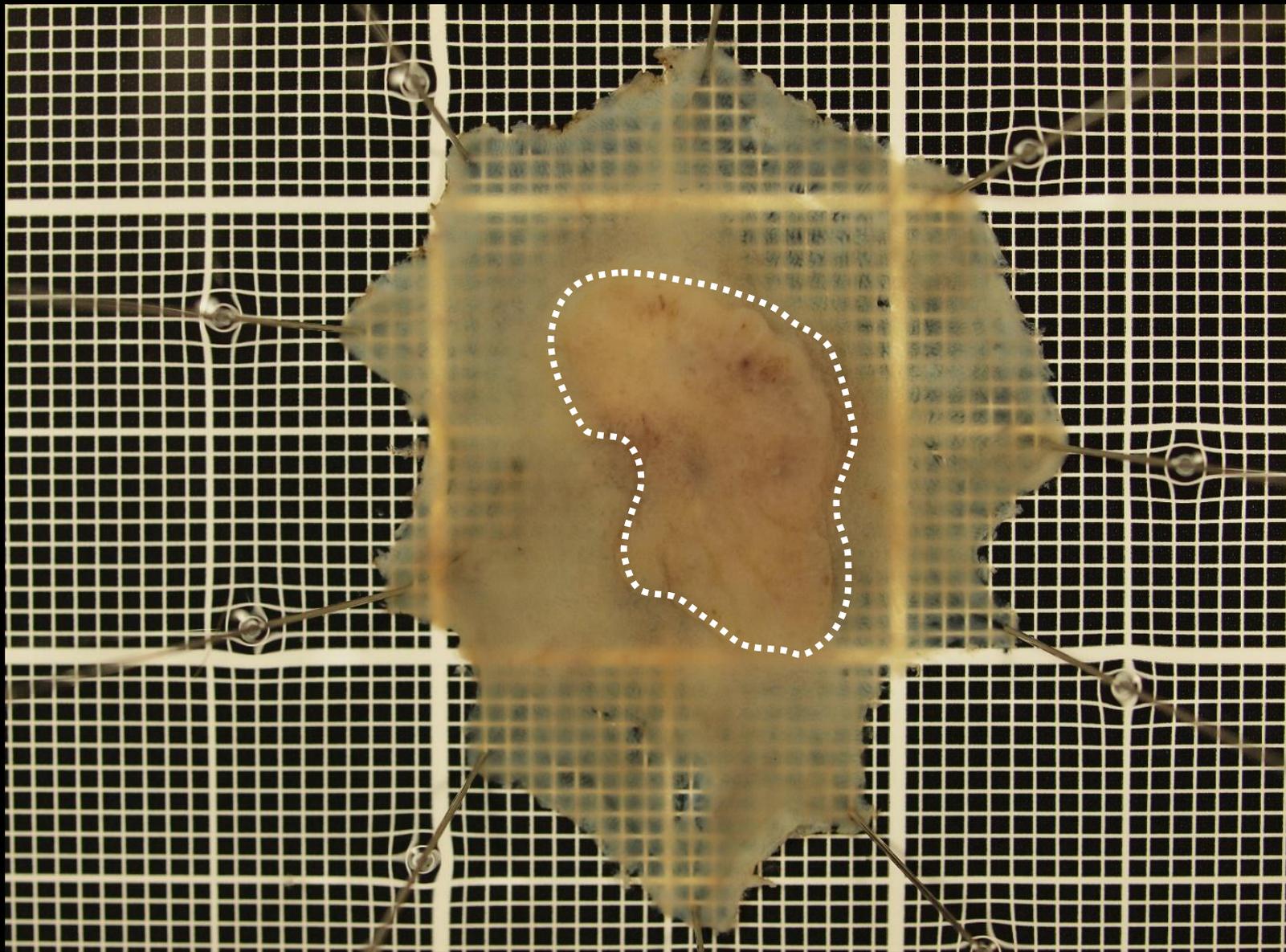


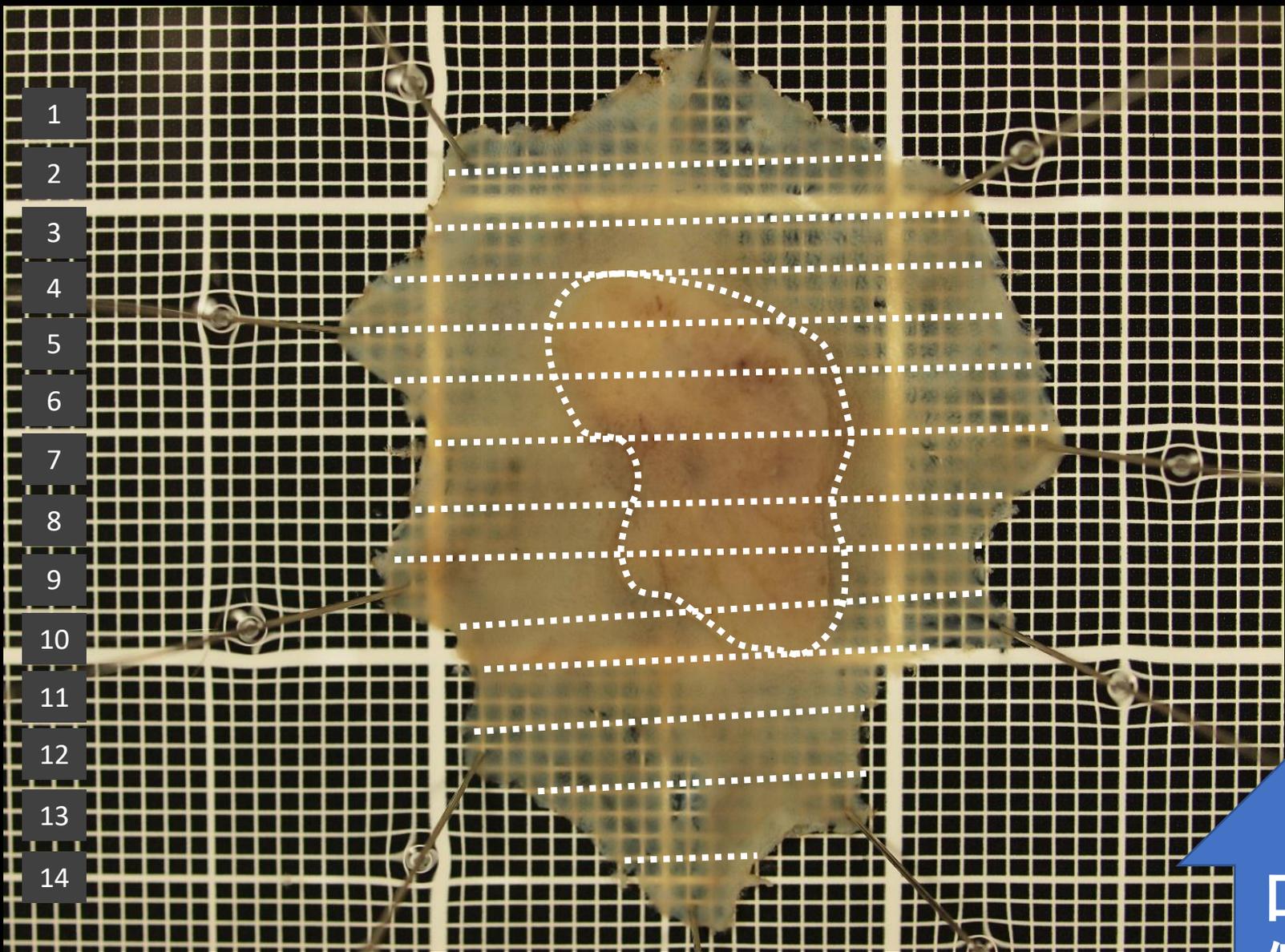


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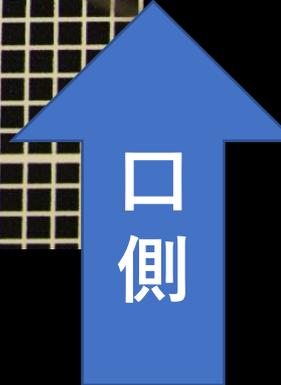
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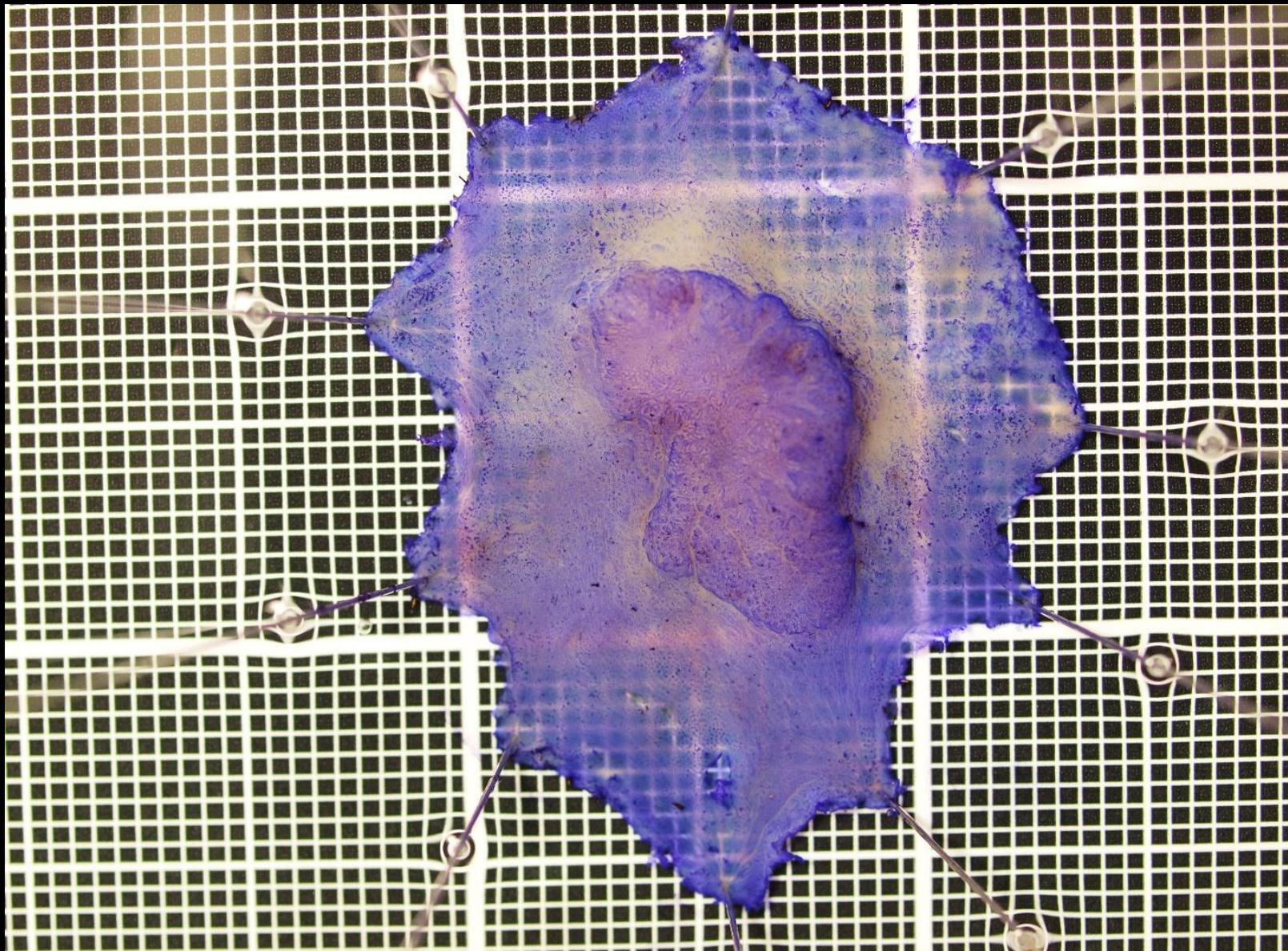
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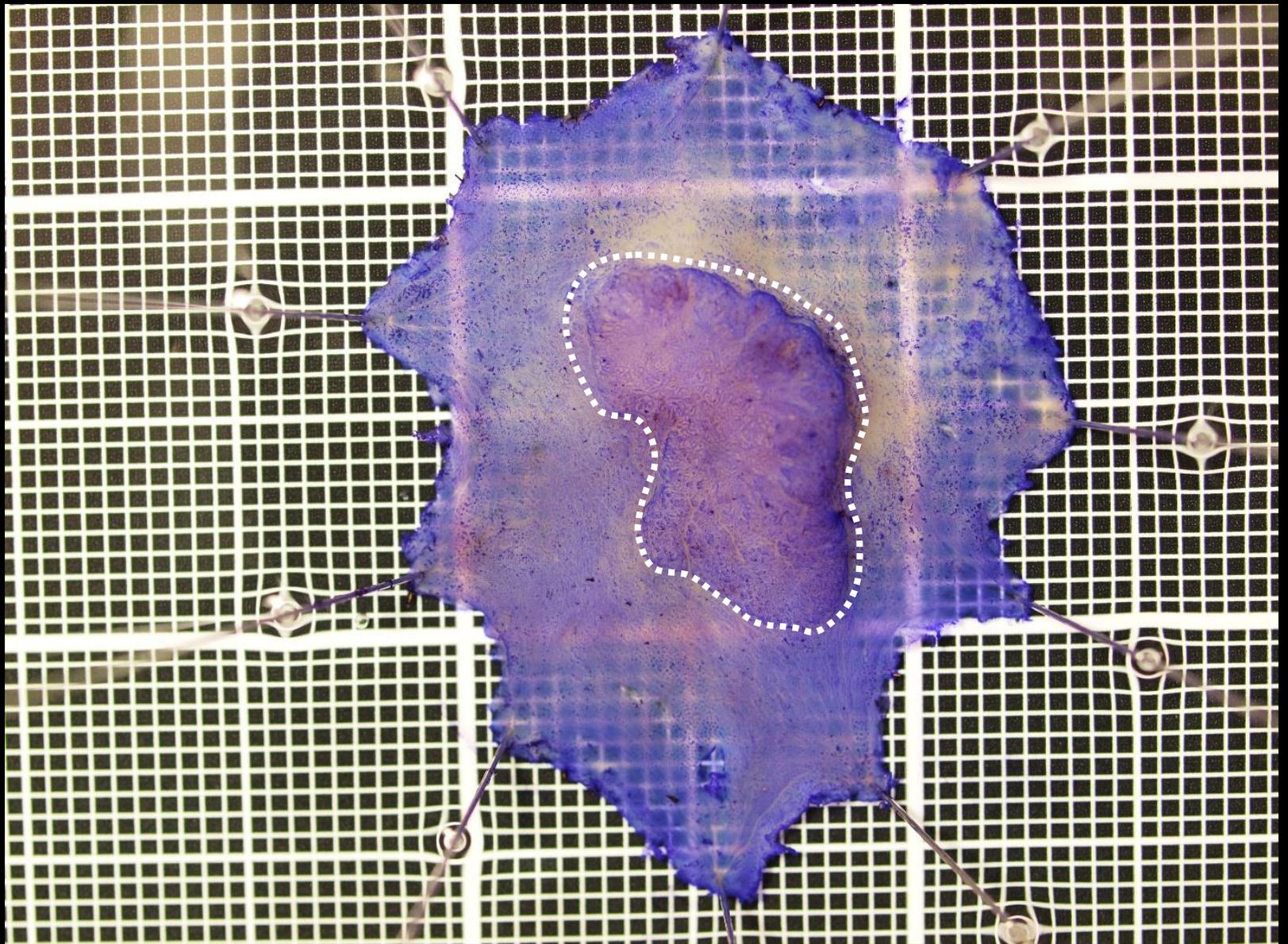
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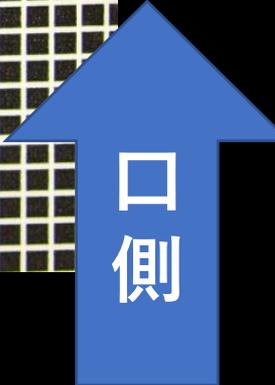
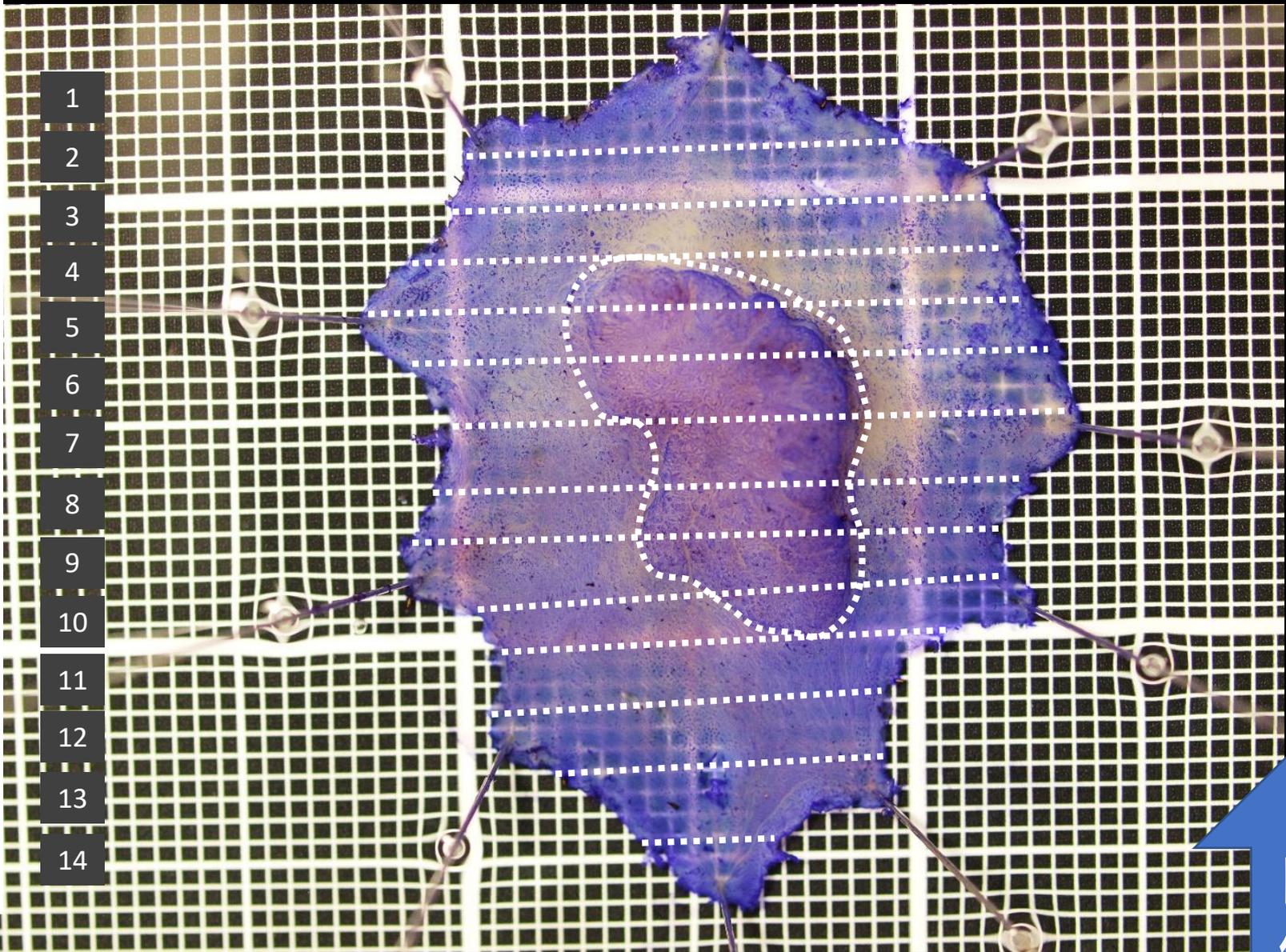
口側







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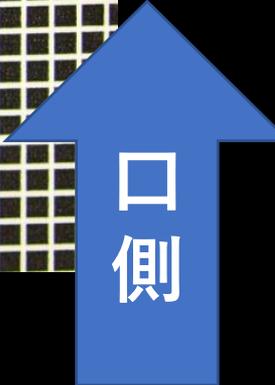
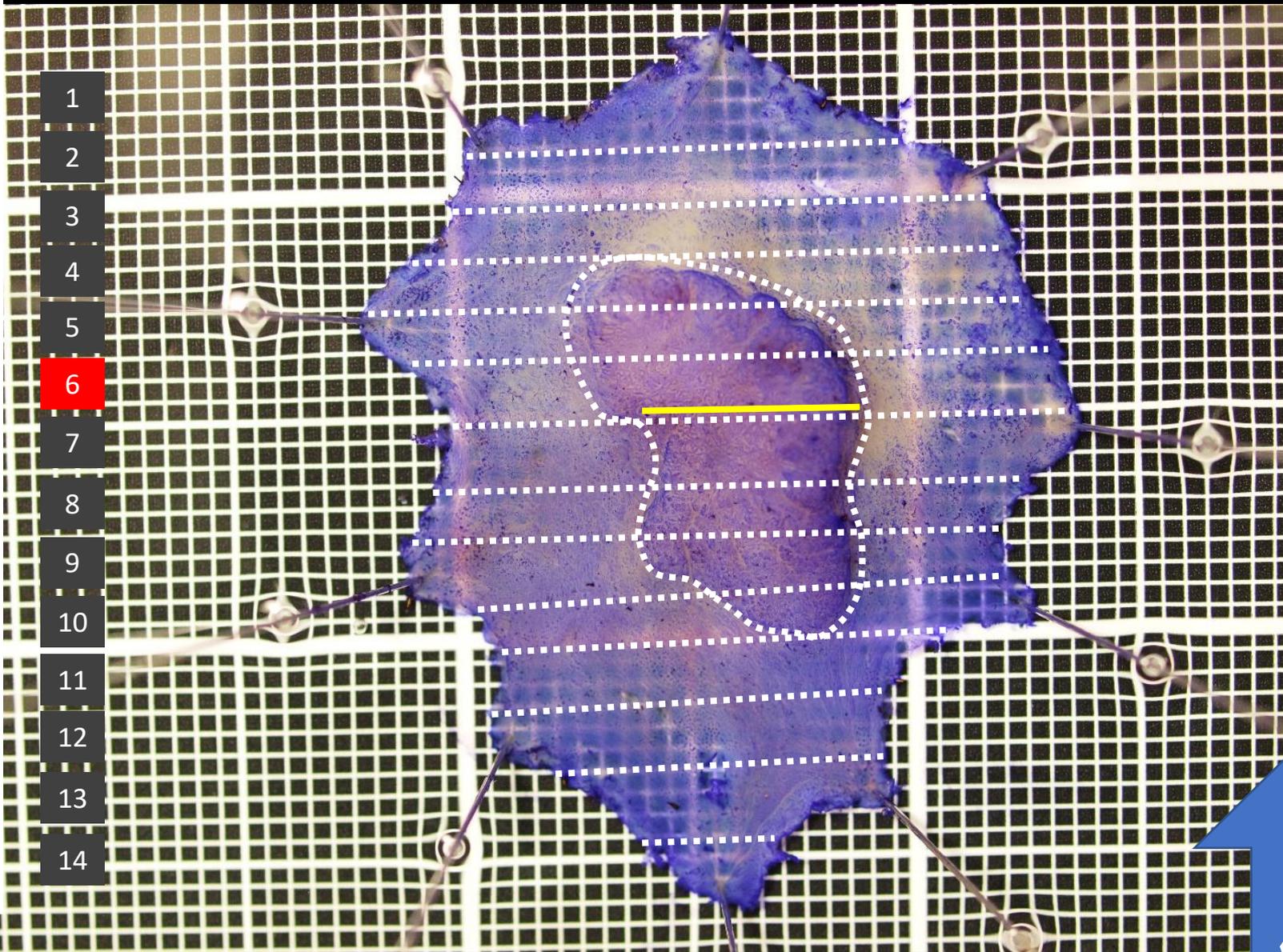


口側

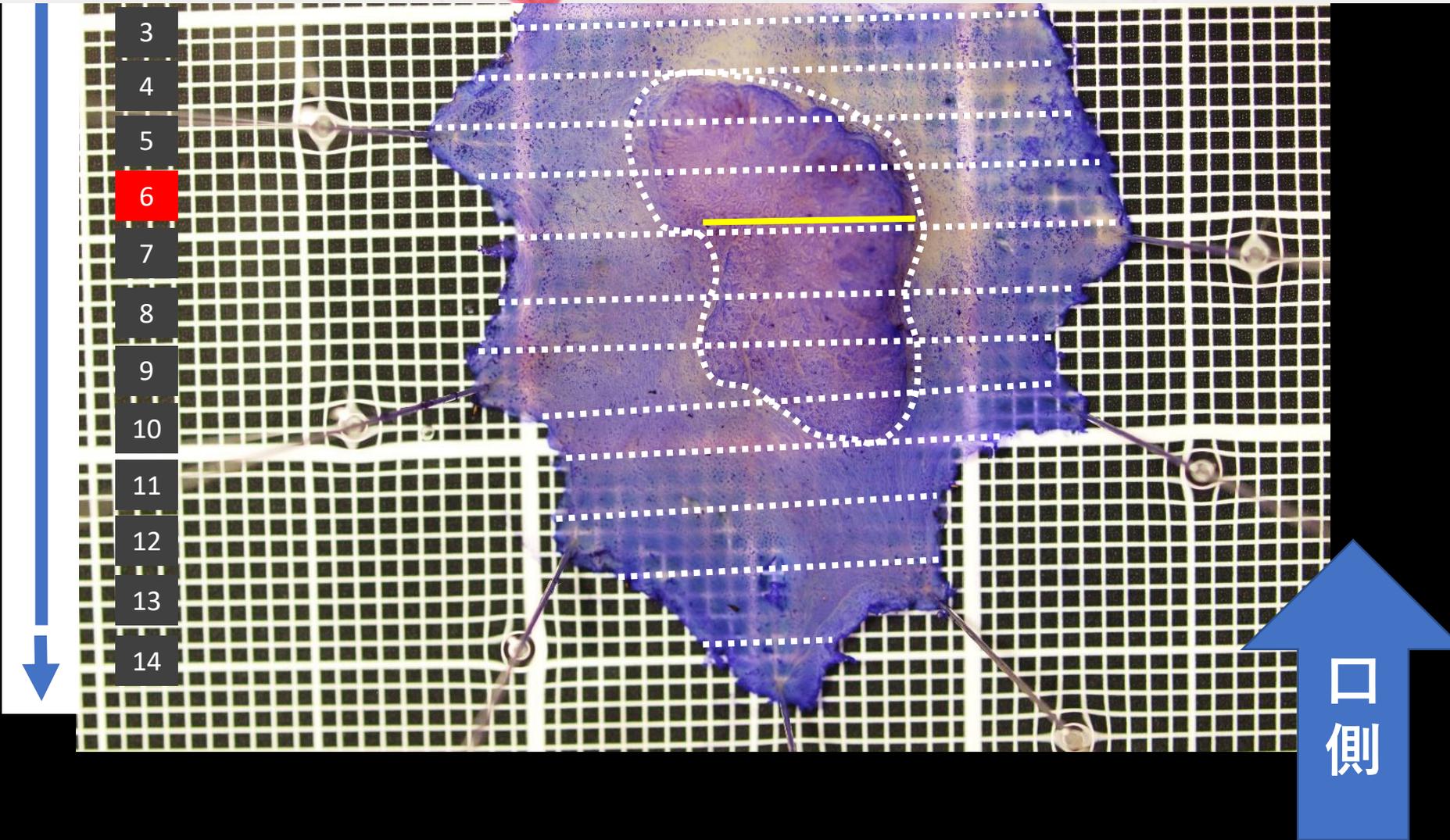
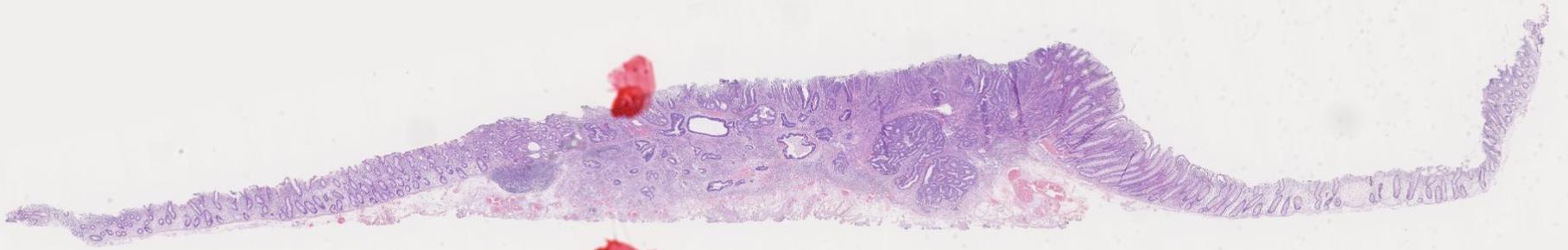
# 病理所見



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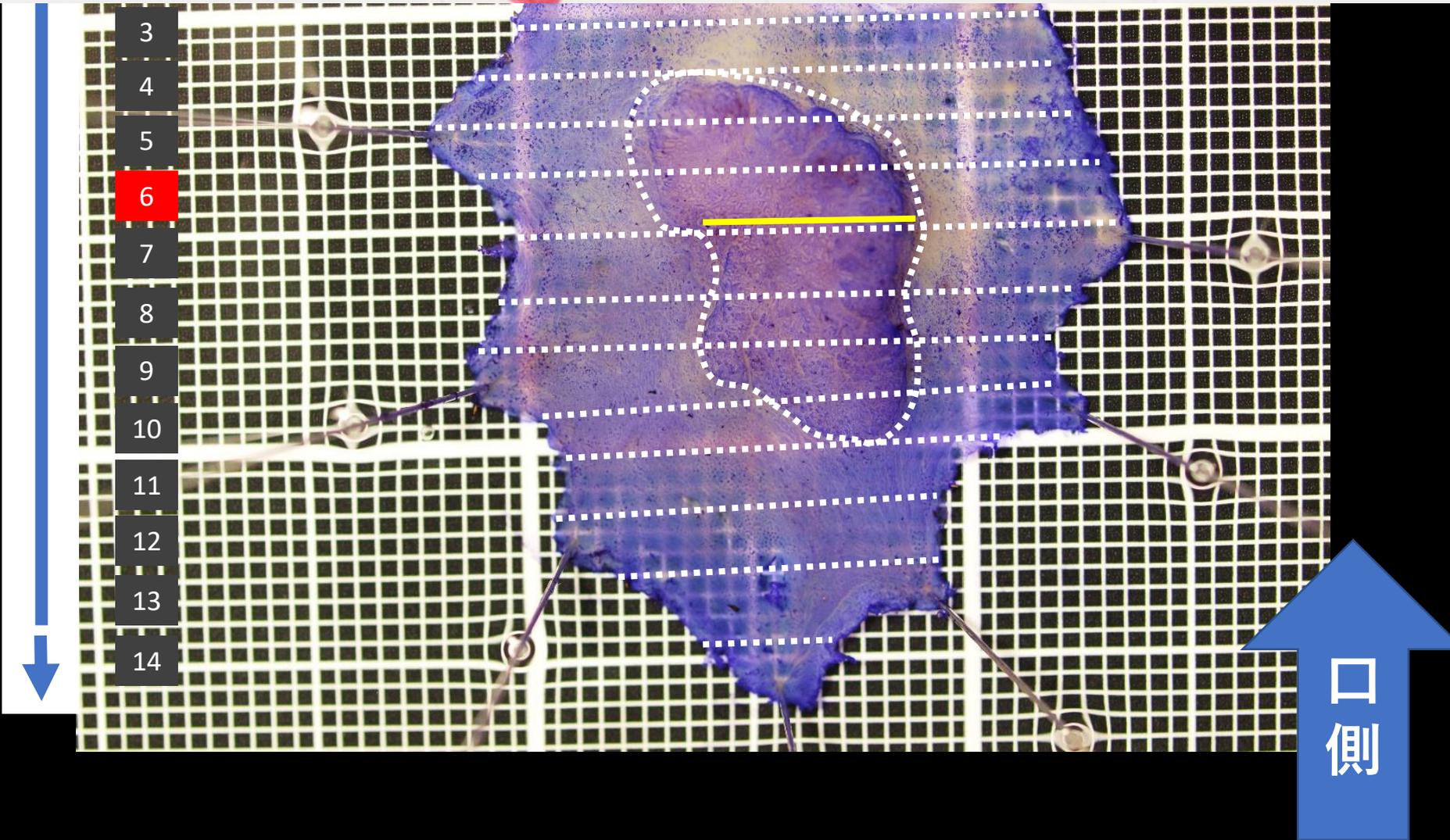
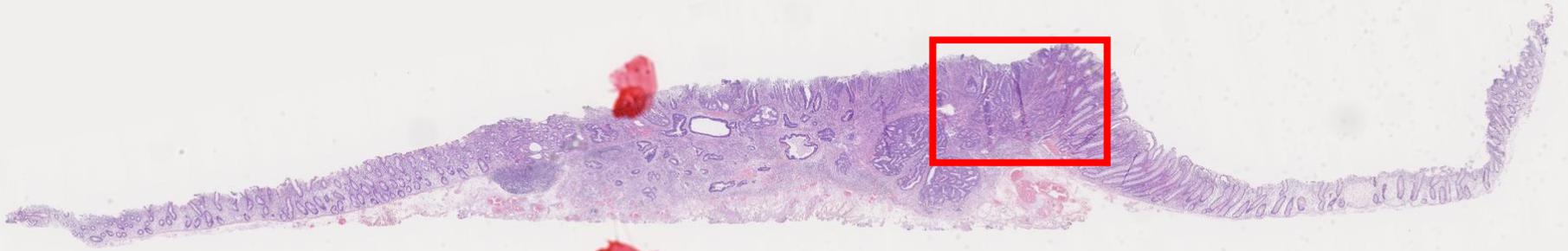


口側

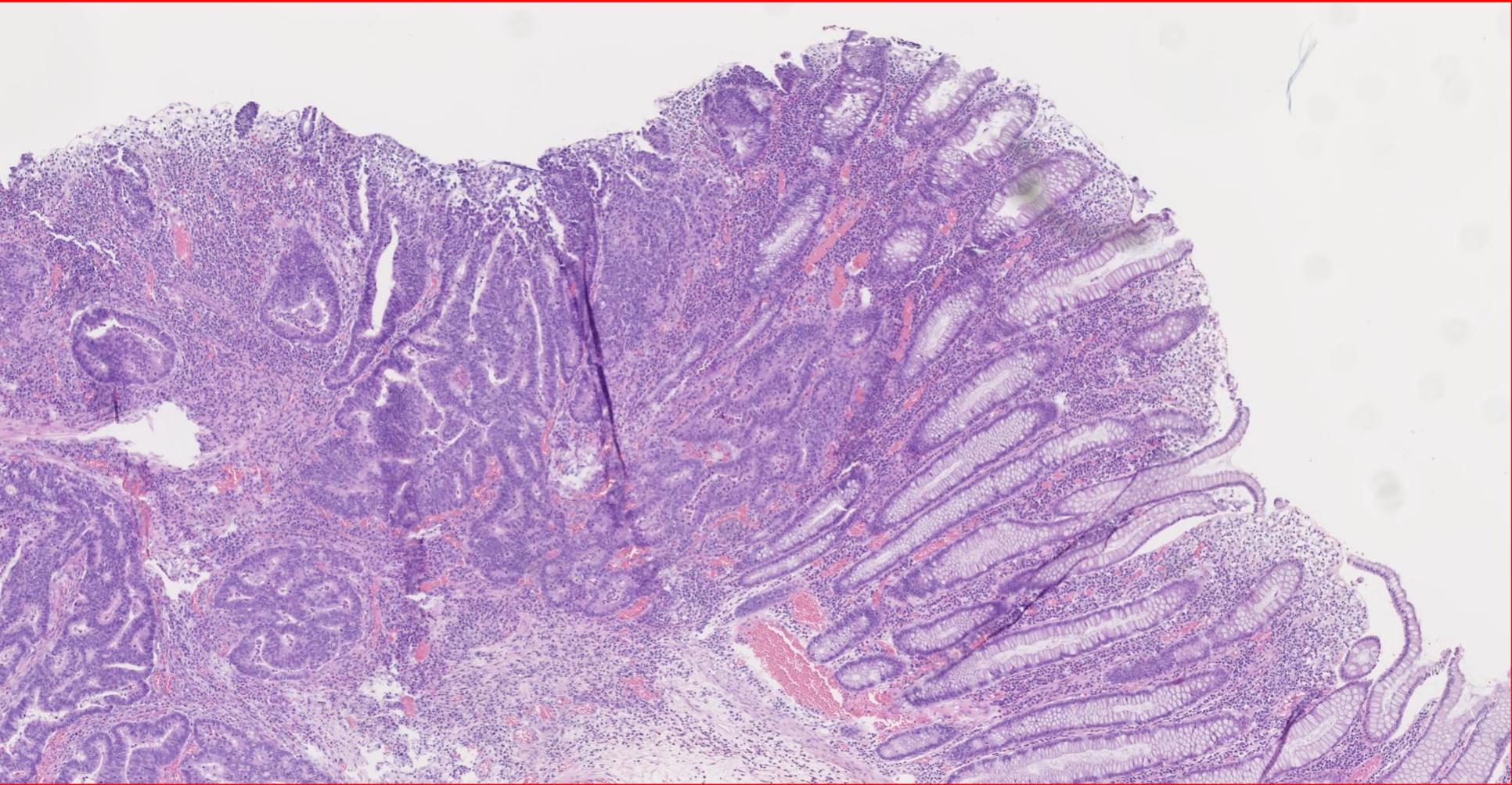
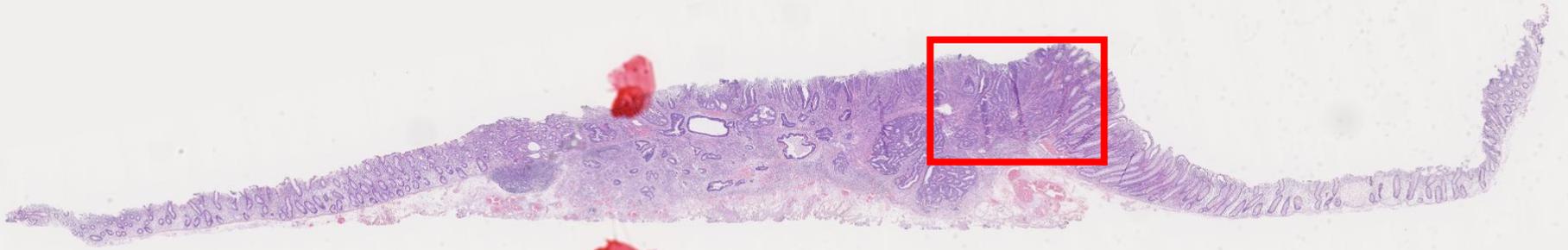


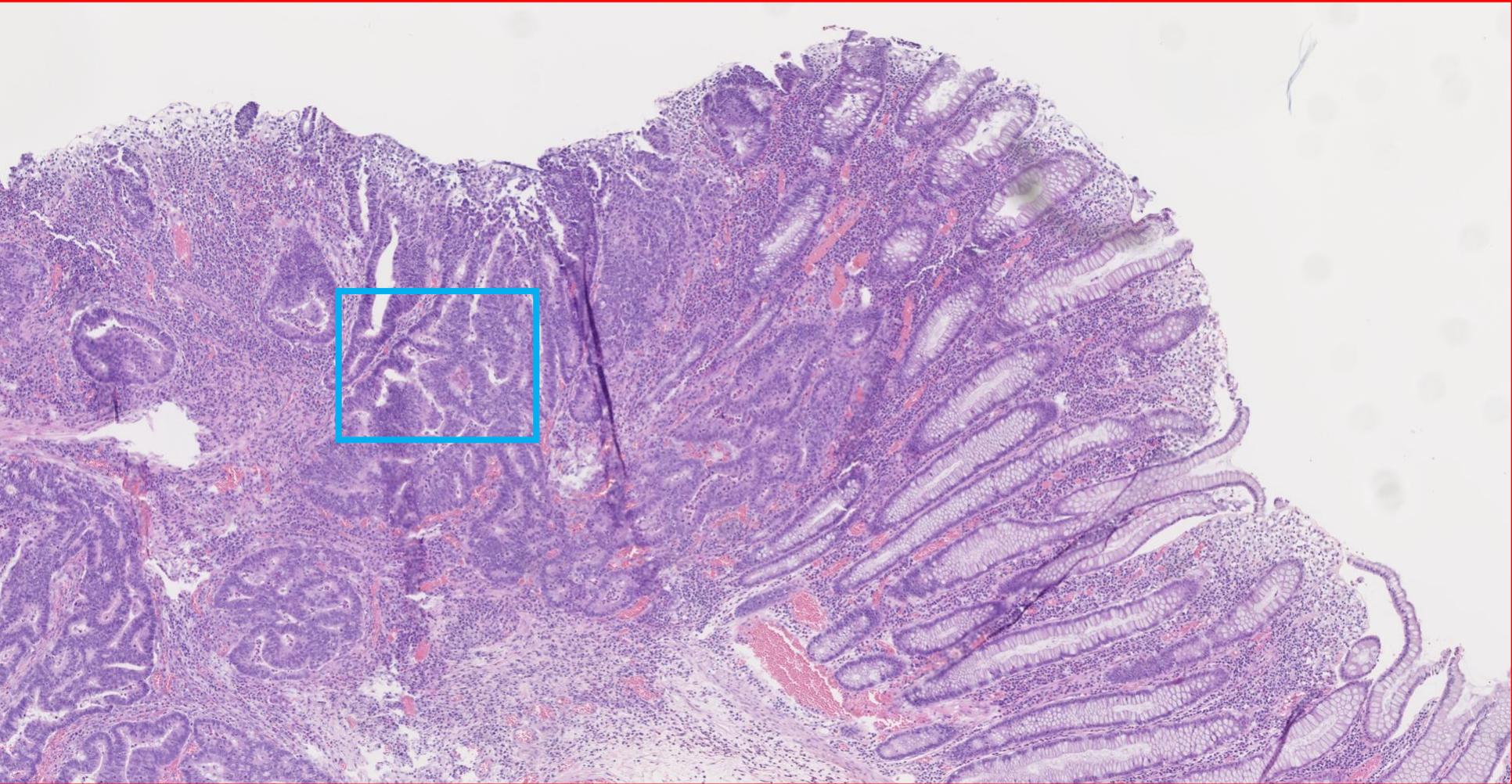
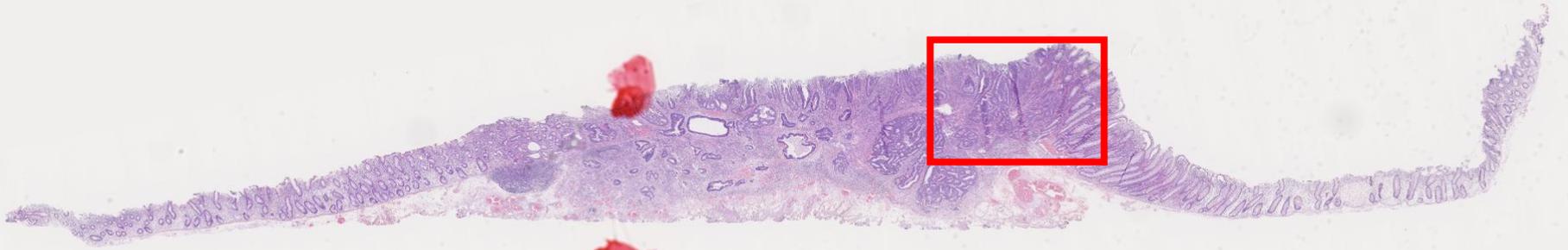
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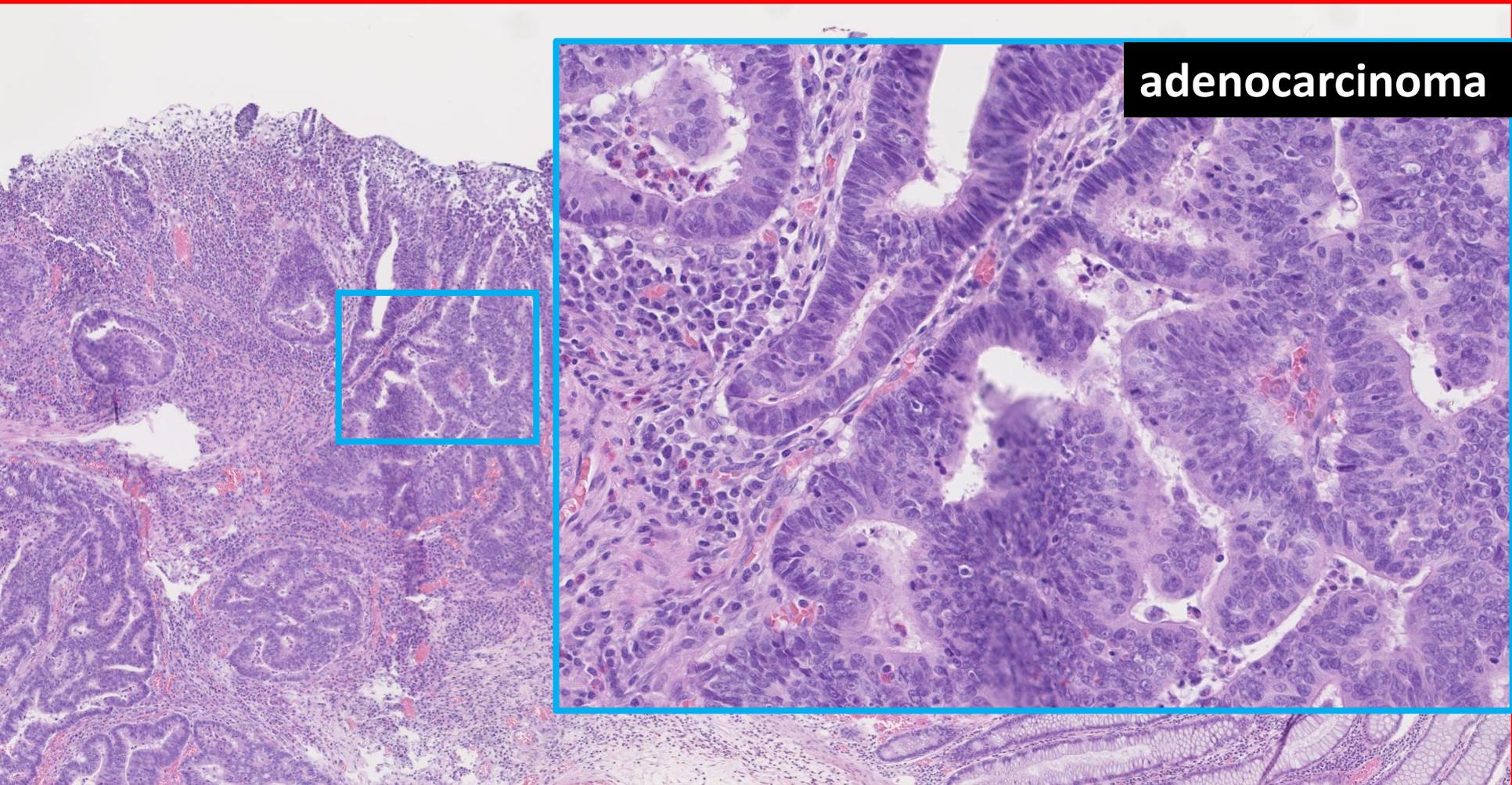
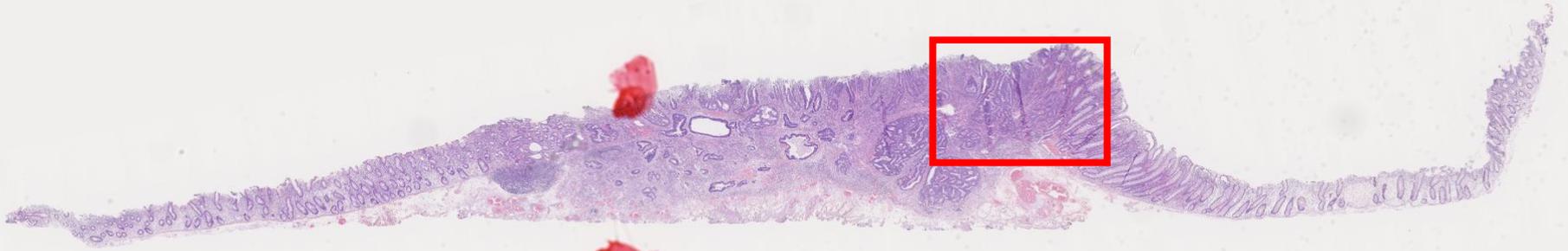
口側



口側



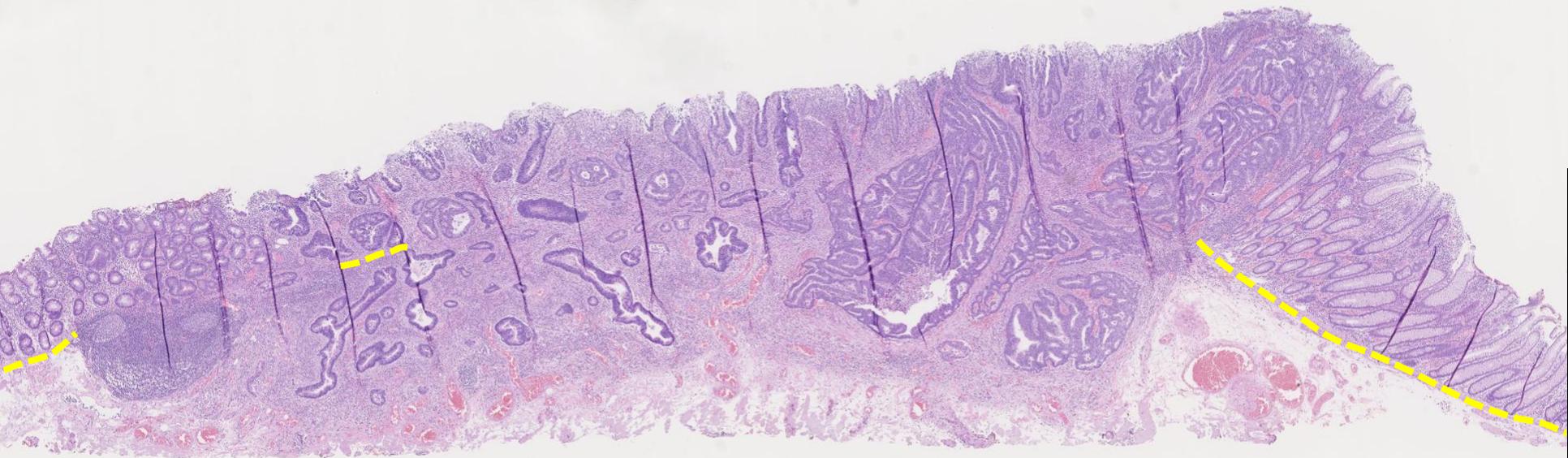




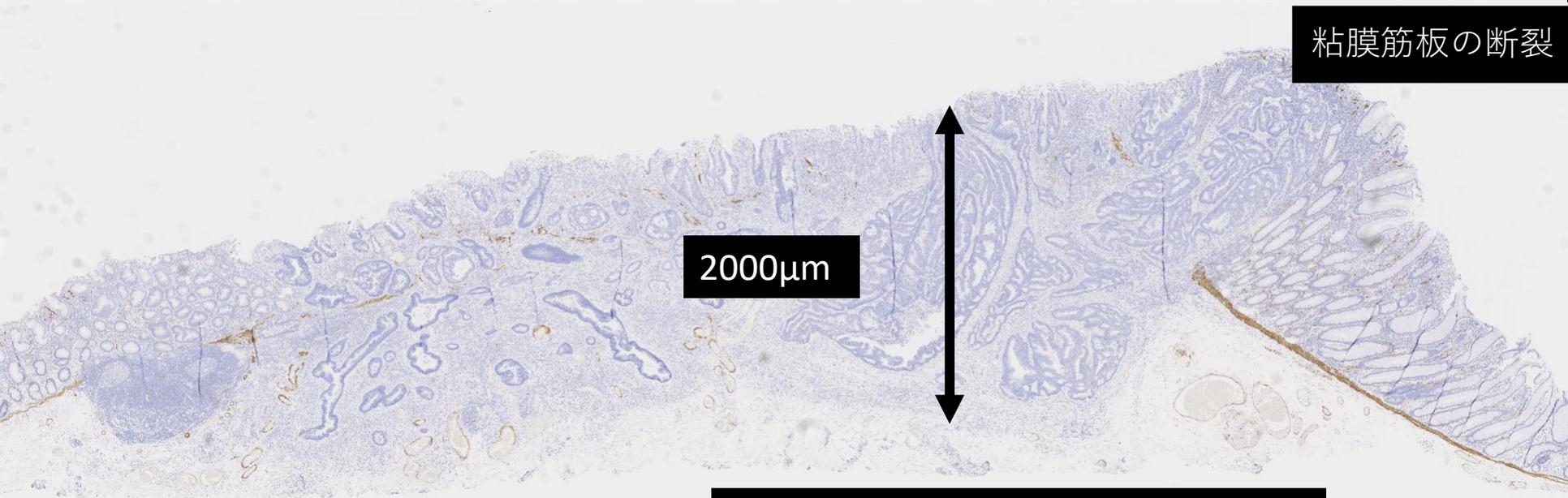
**adenocarcinoma**



# Desmin染色



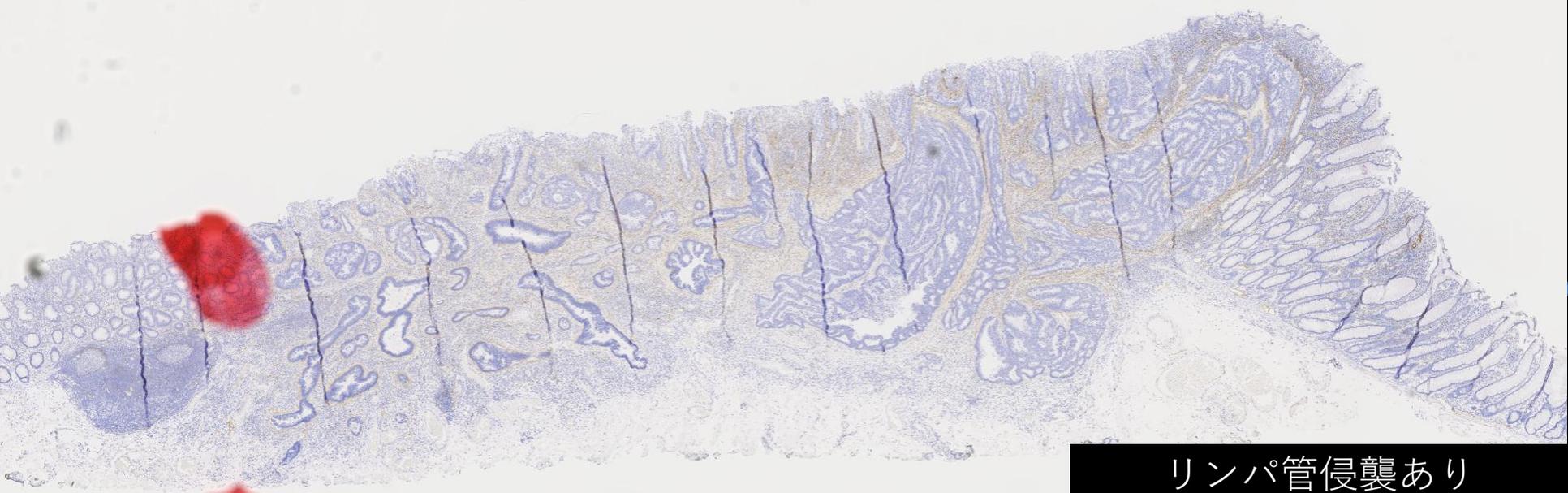
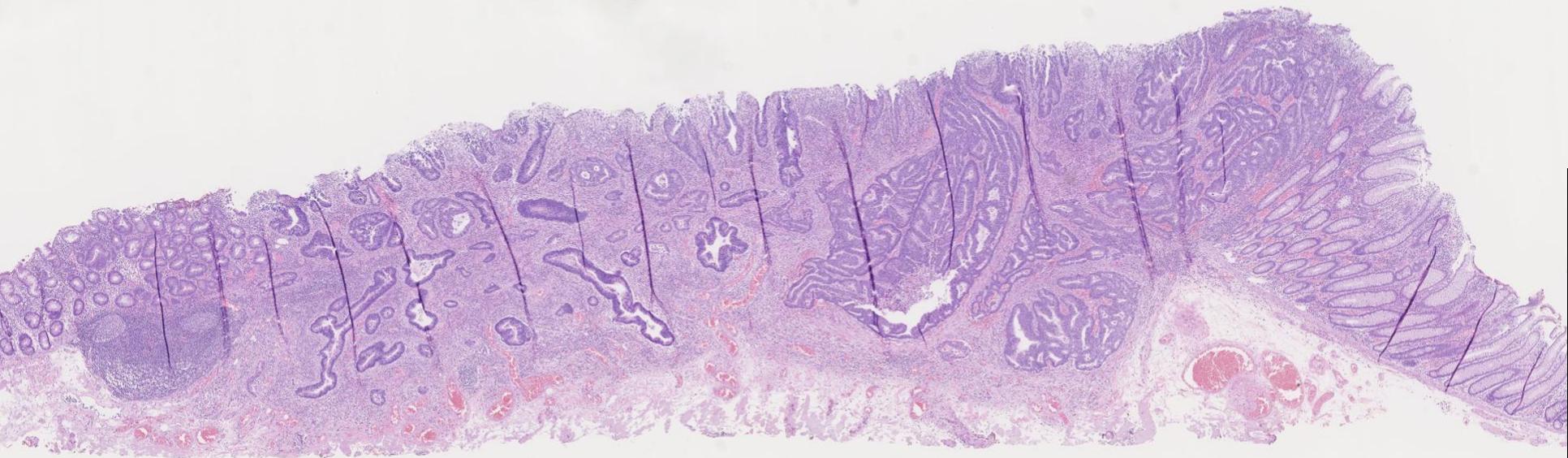
粘膜筋板の断裂



2000µm

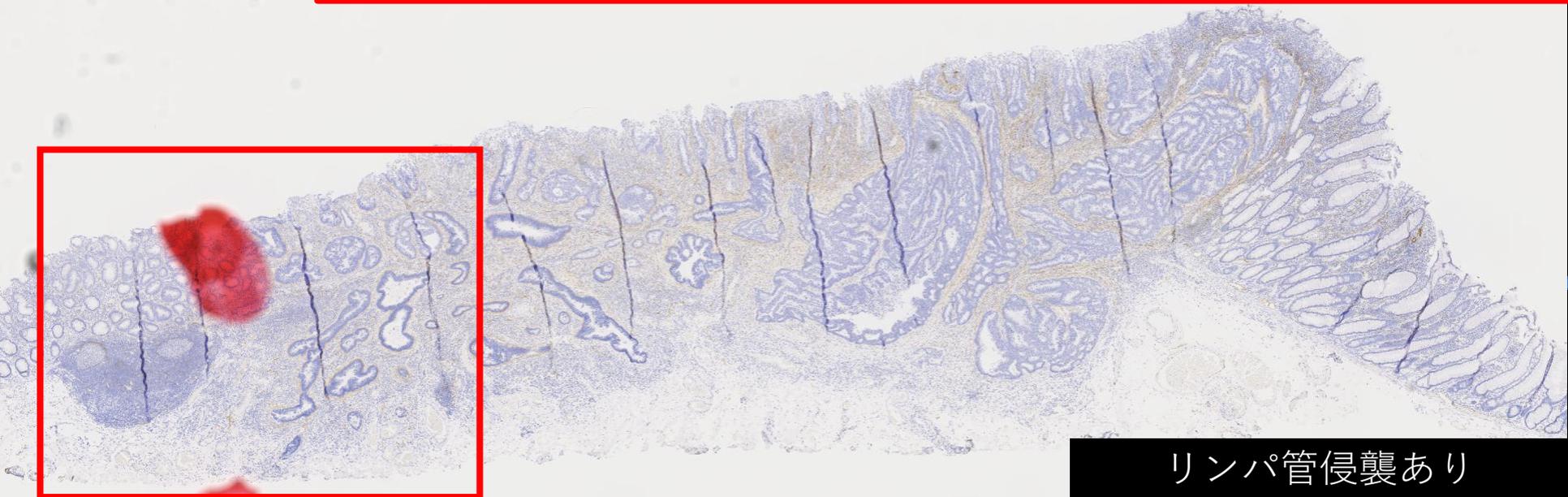
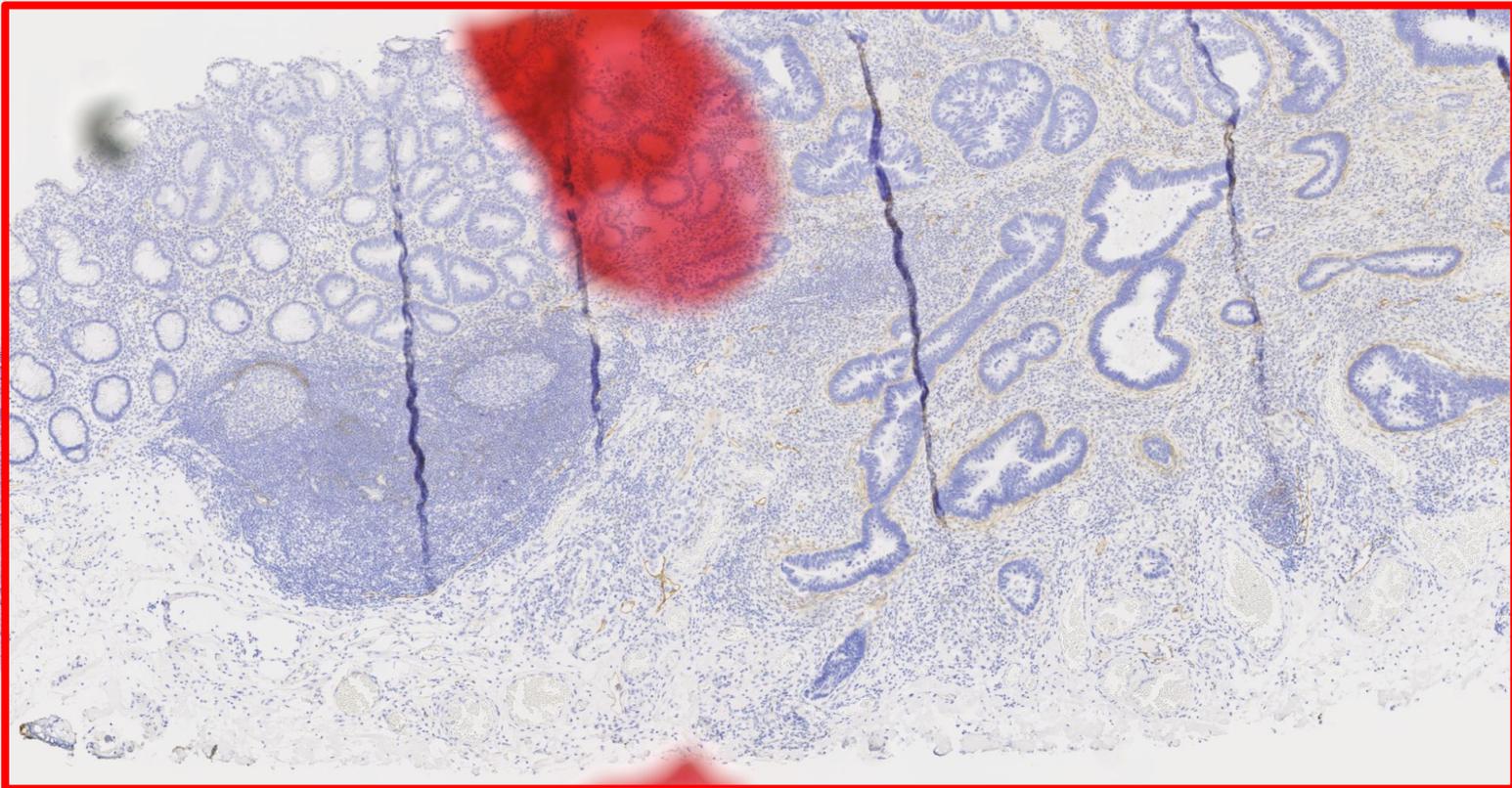
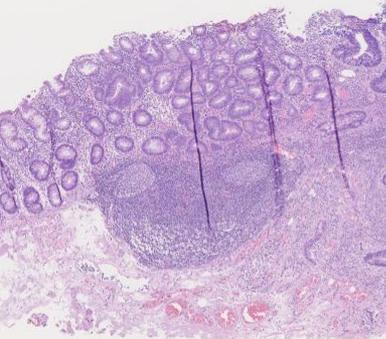
表層から最深部から2000µm=SM2

D2-40染色



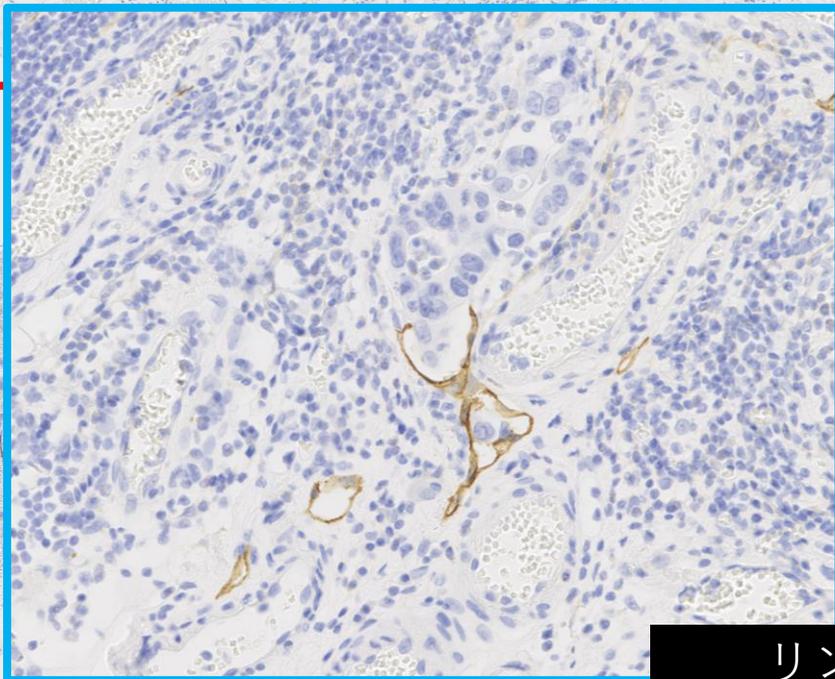
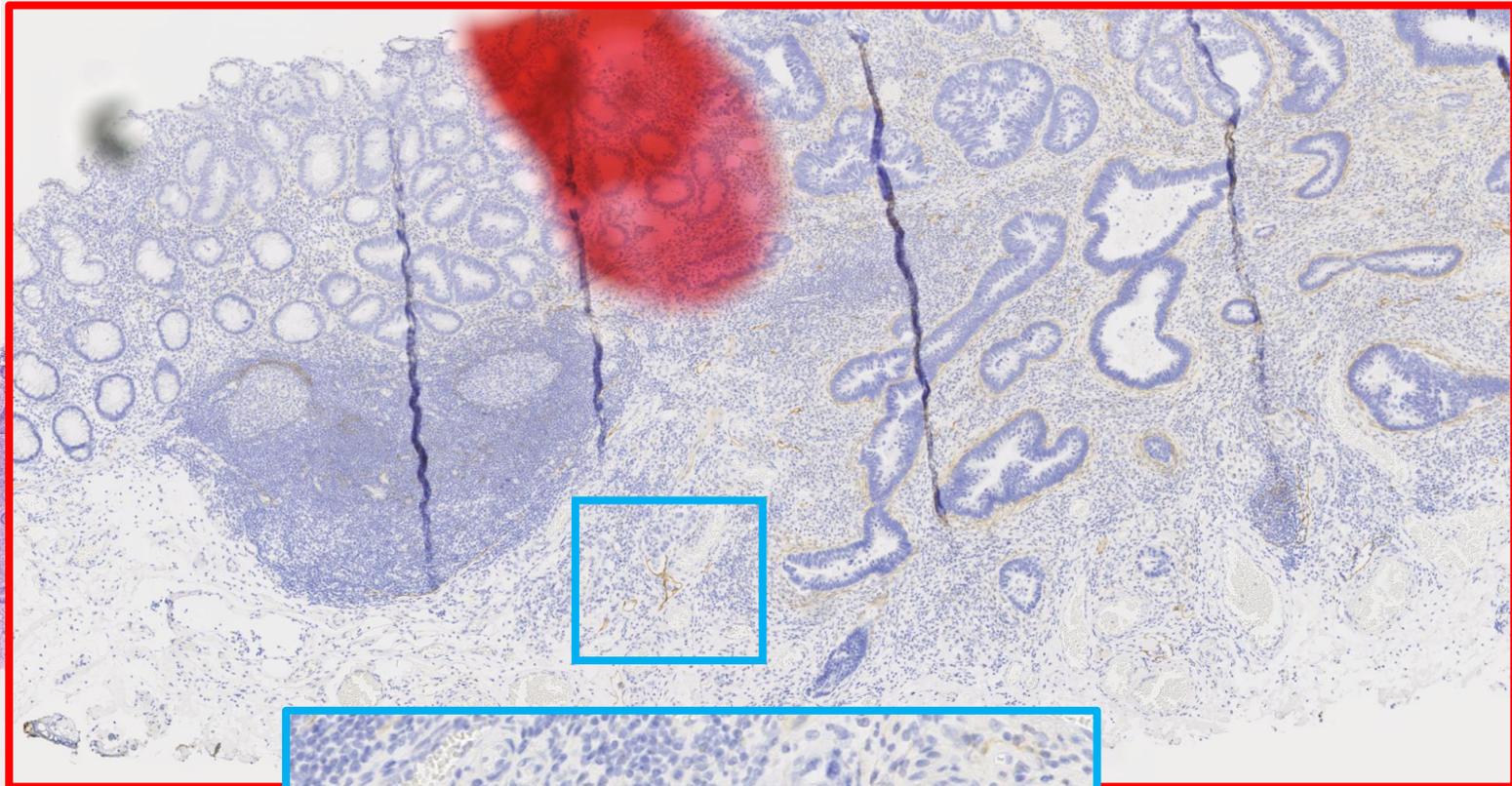
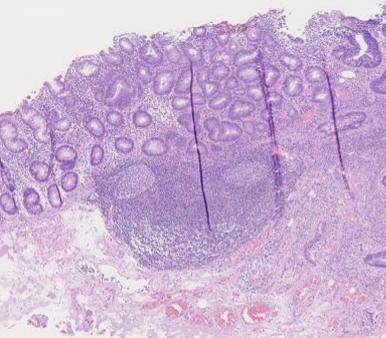
リンパ管侵襲あり

D2-40染色



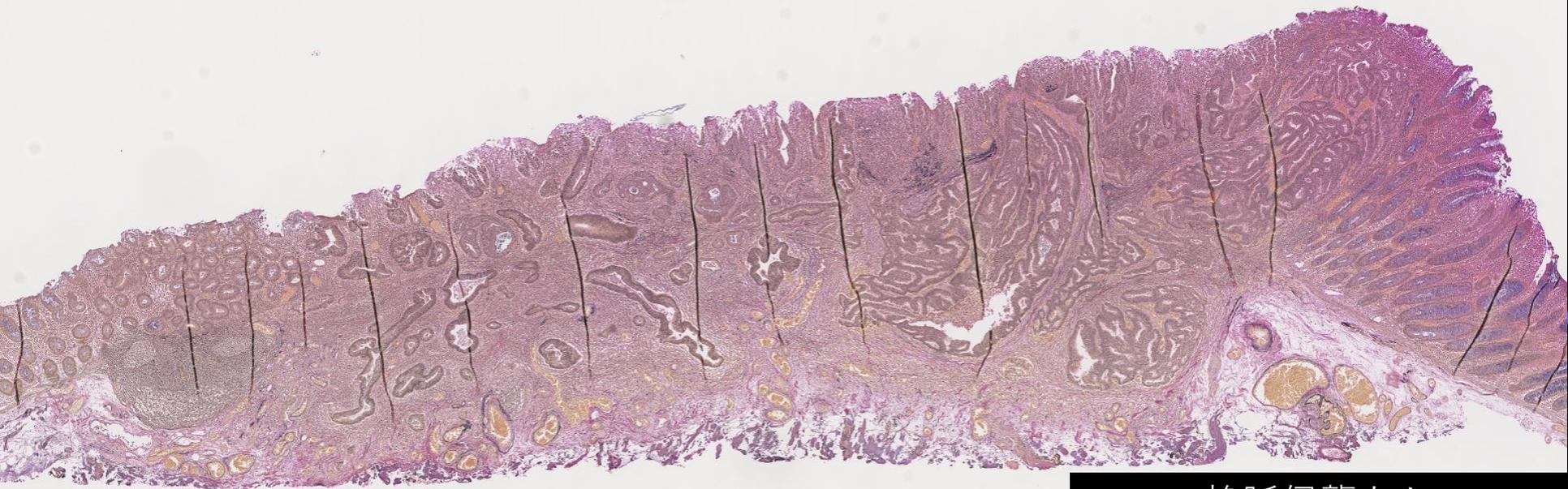
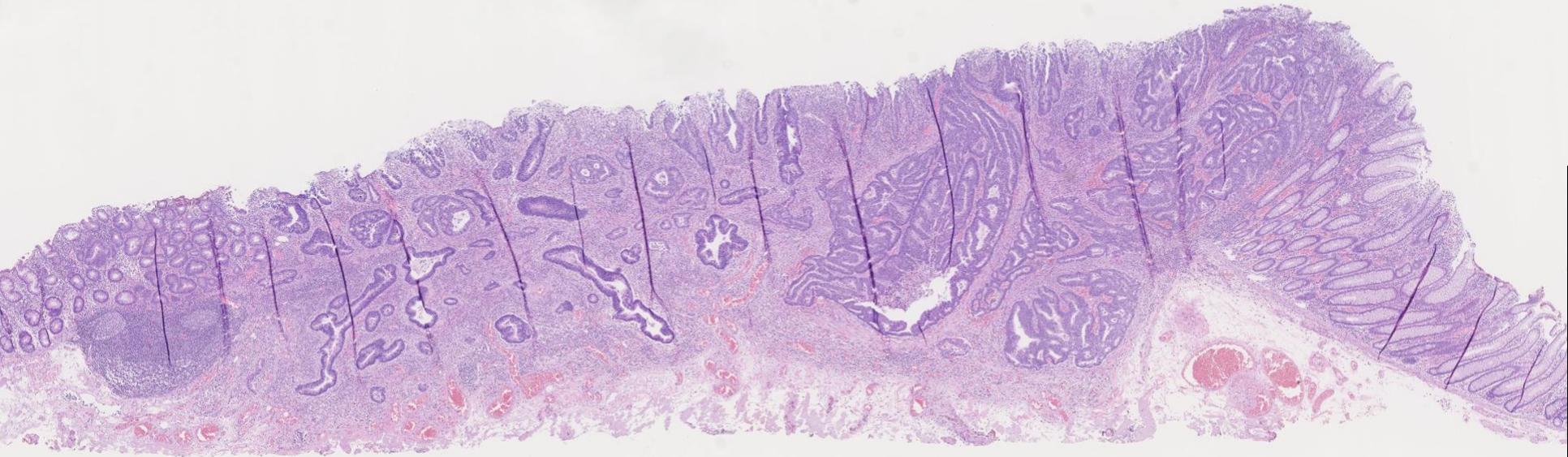
リンパ管侵襲あり

D2-40染色

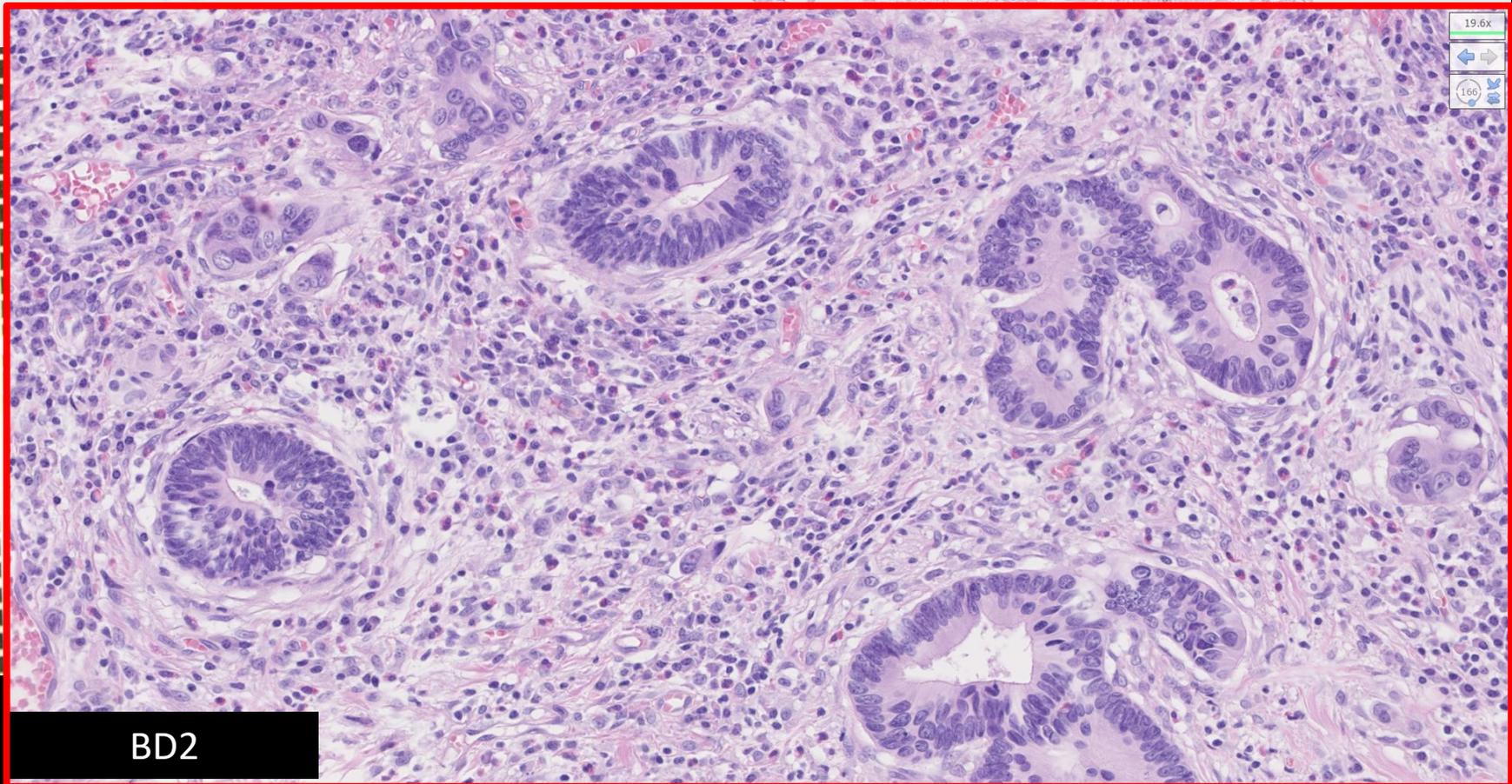
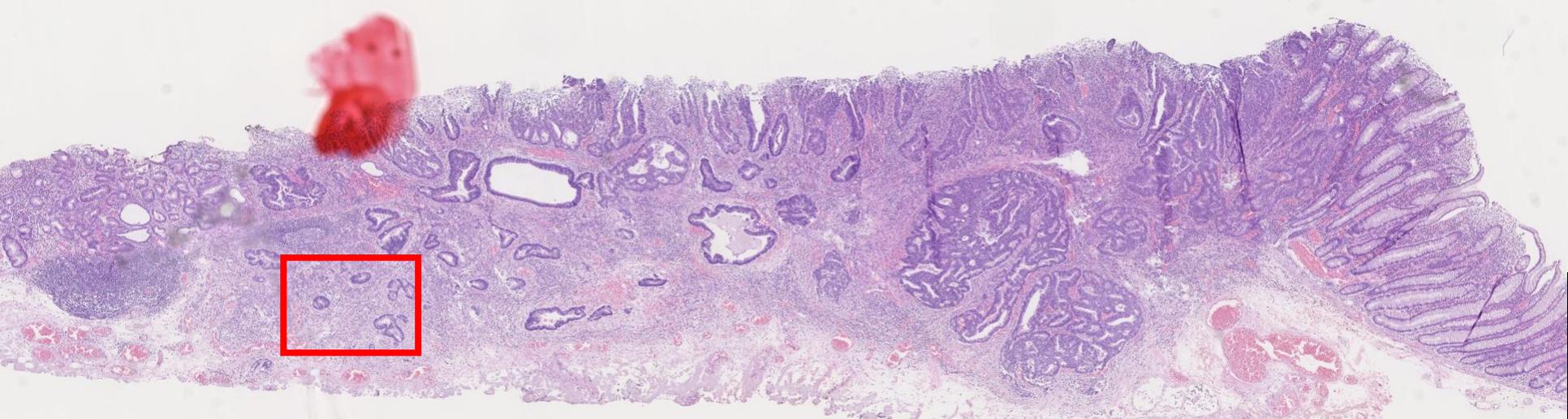


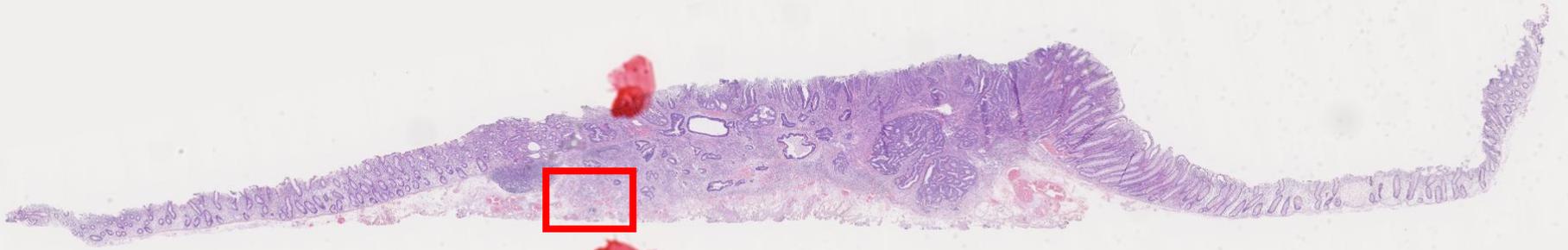
リンパ管侵襲あり

EVG染色

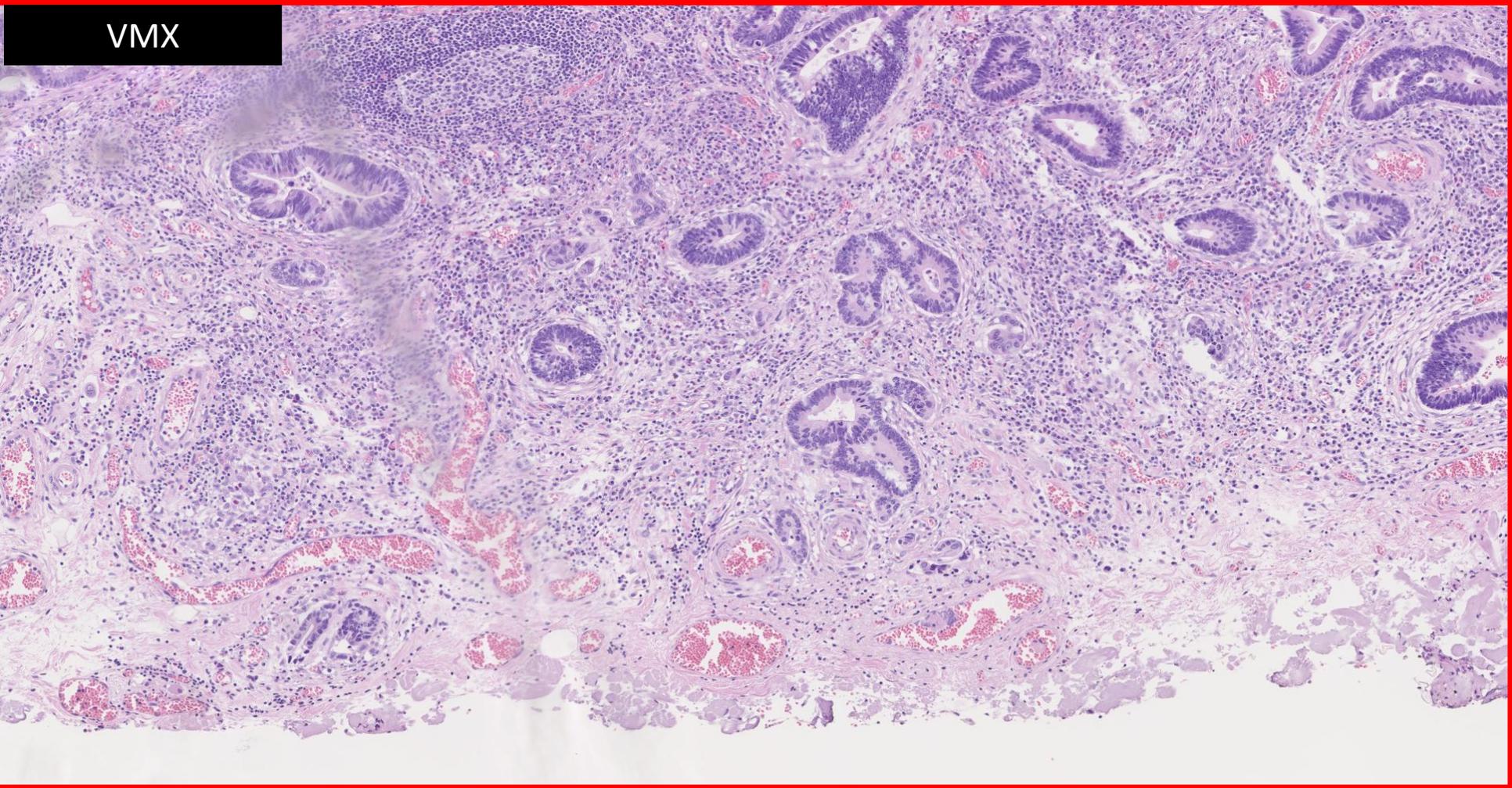


静脈侵襲なし



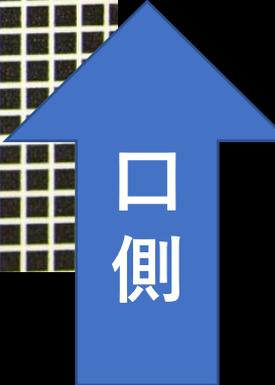
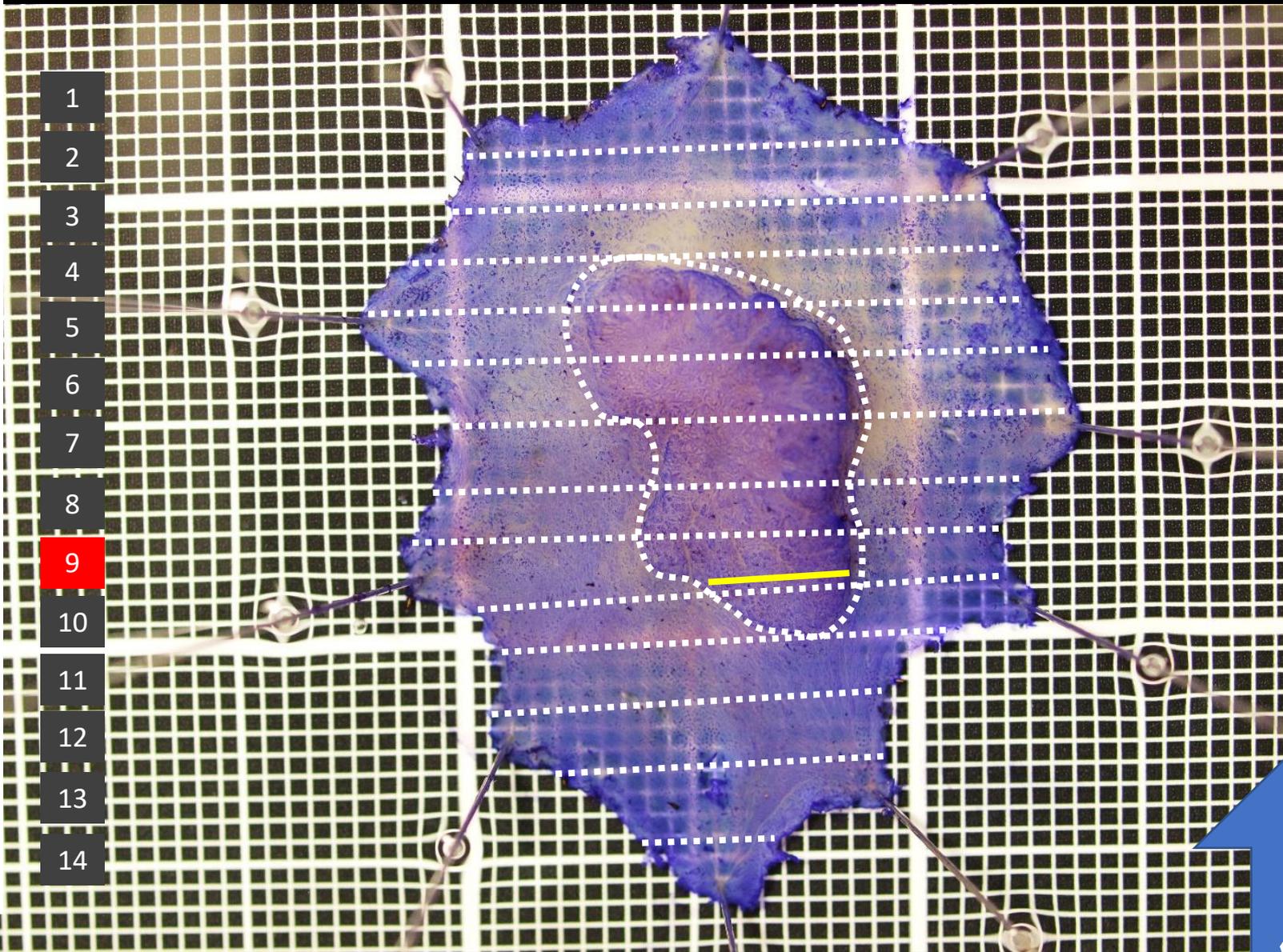


VMX

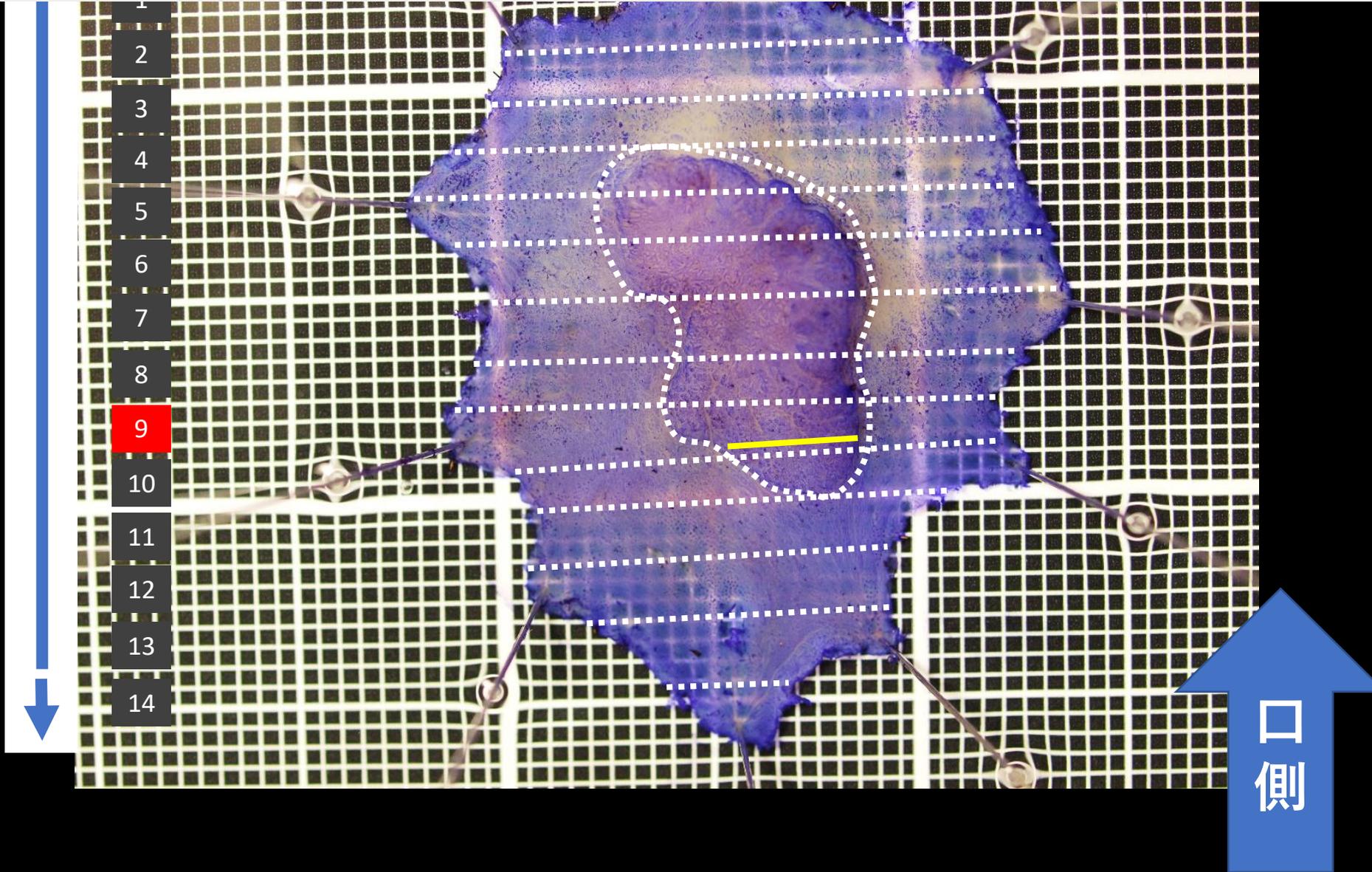
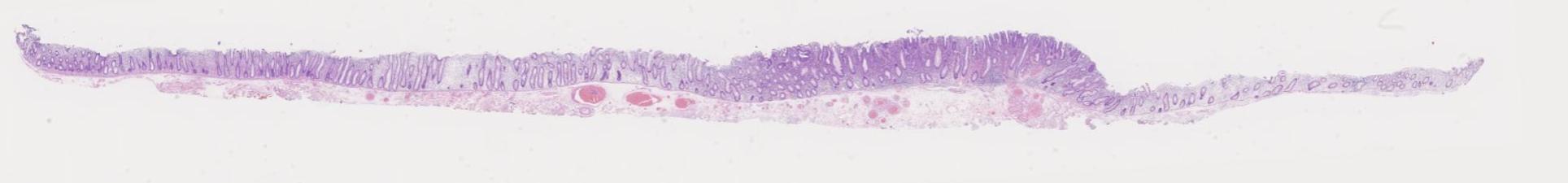


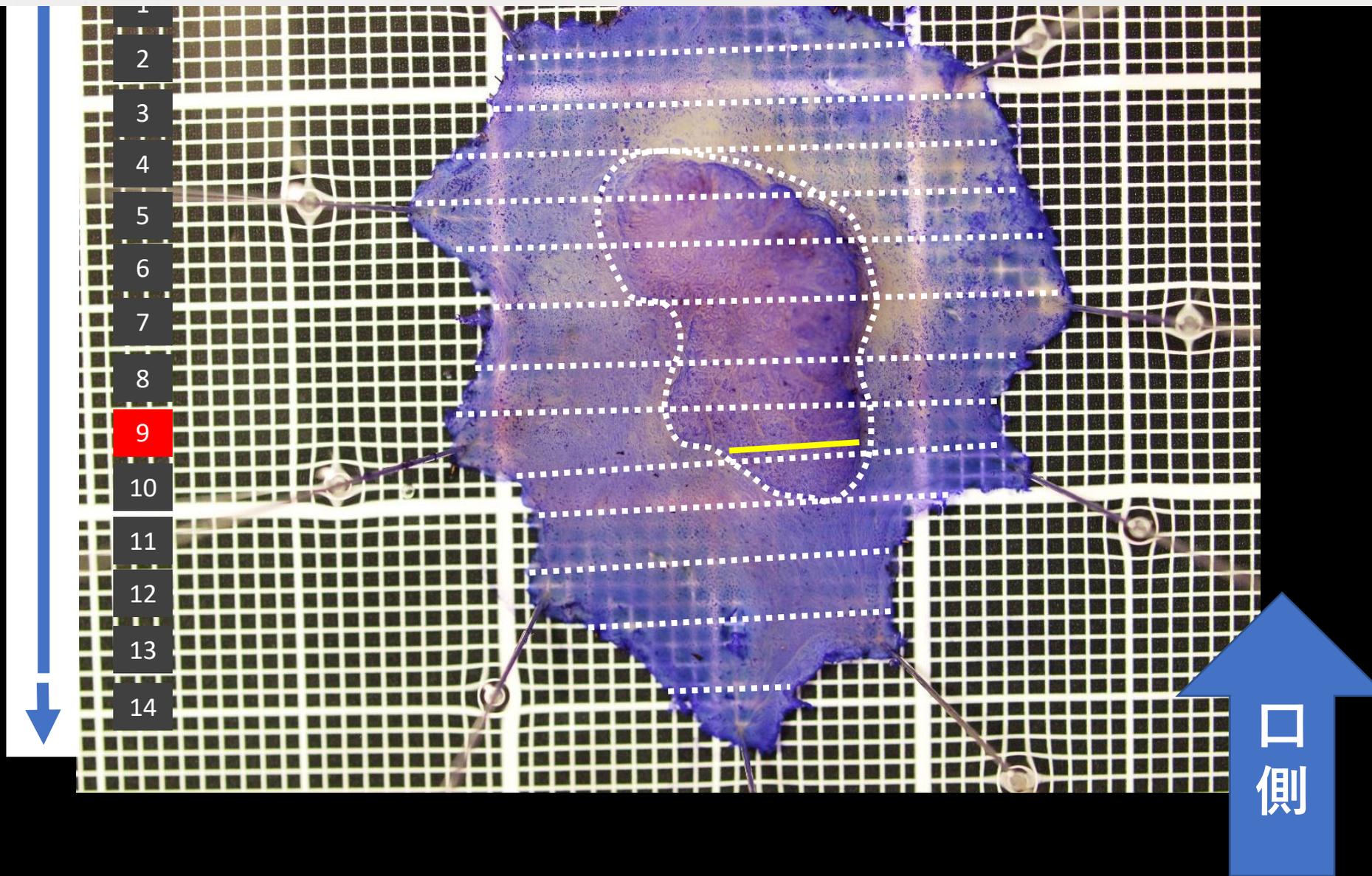
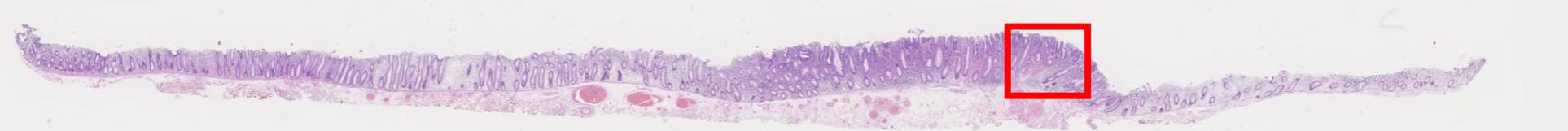


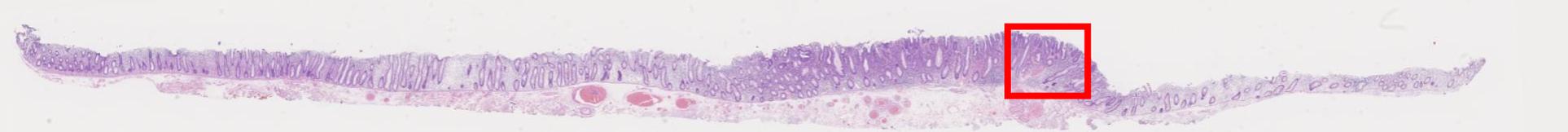
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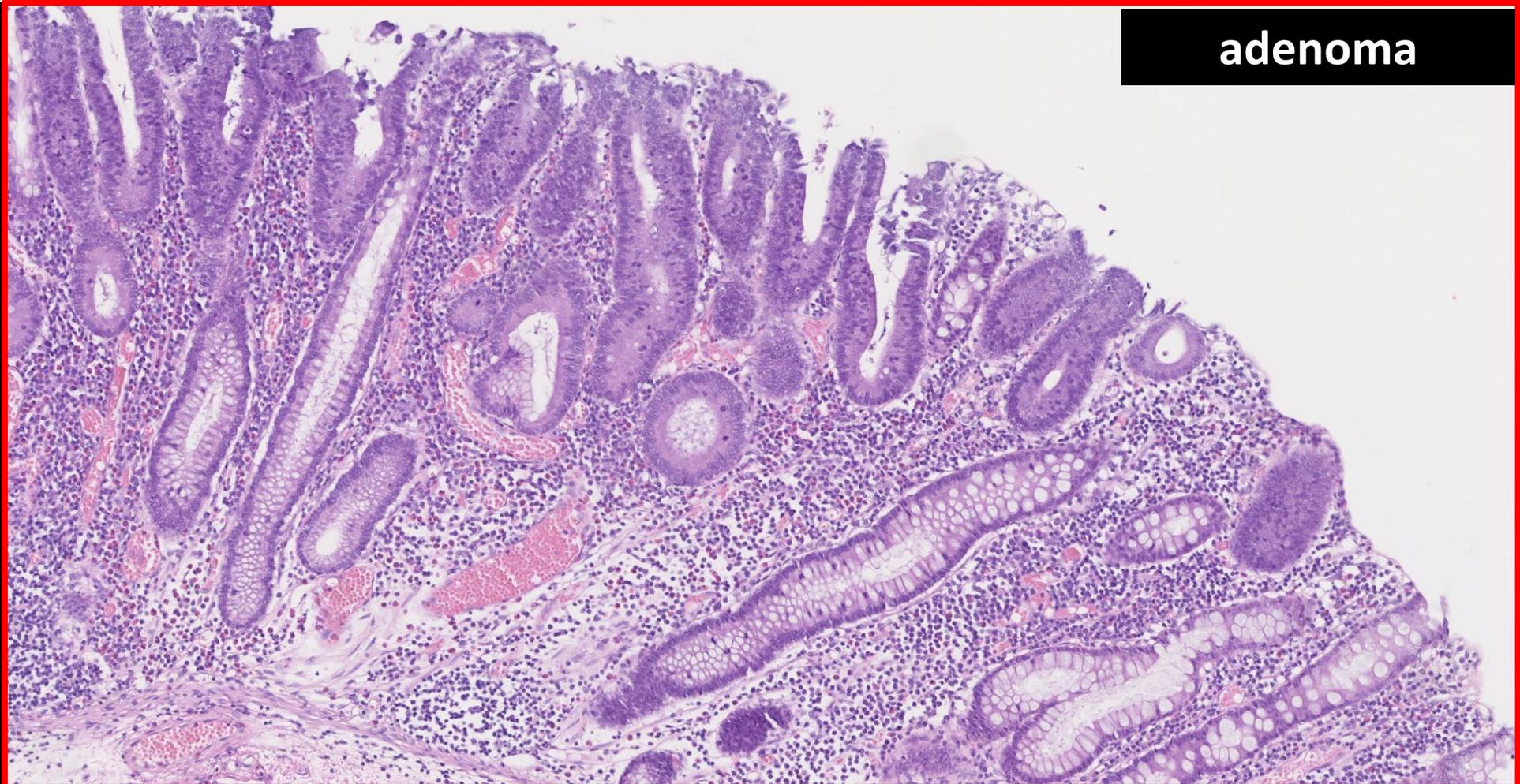
口側







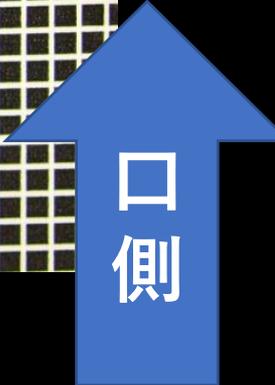
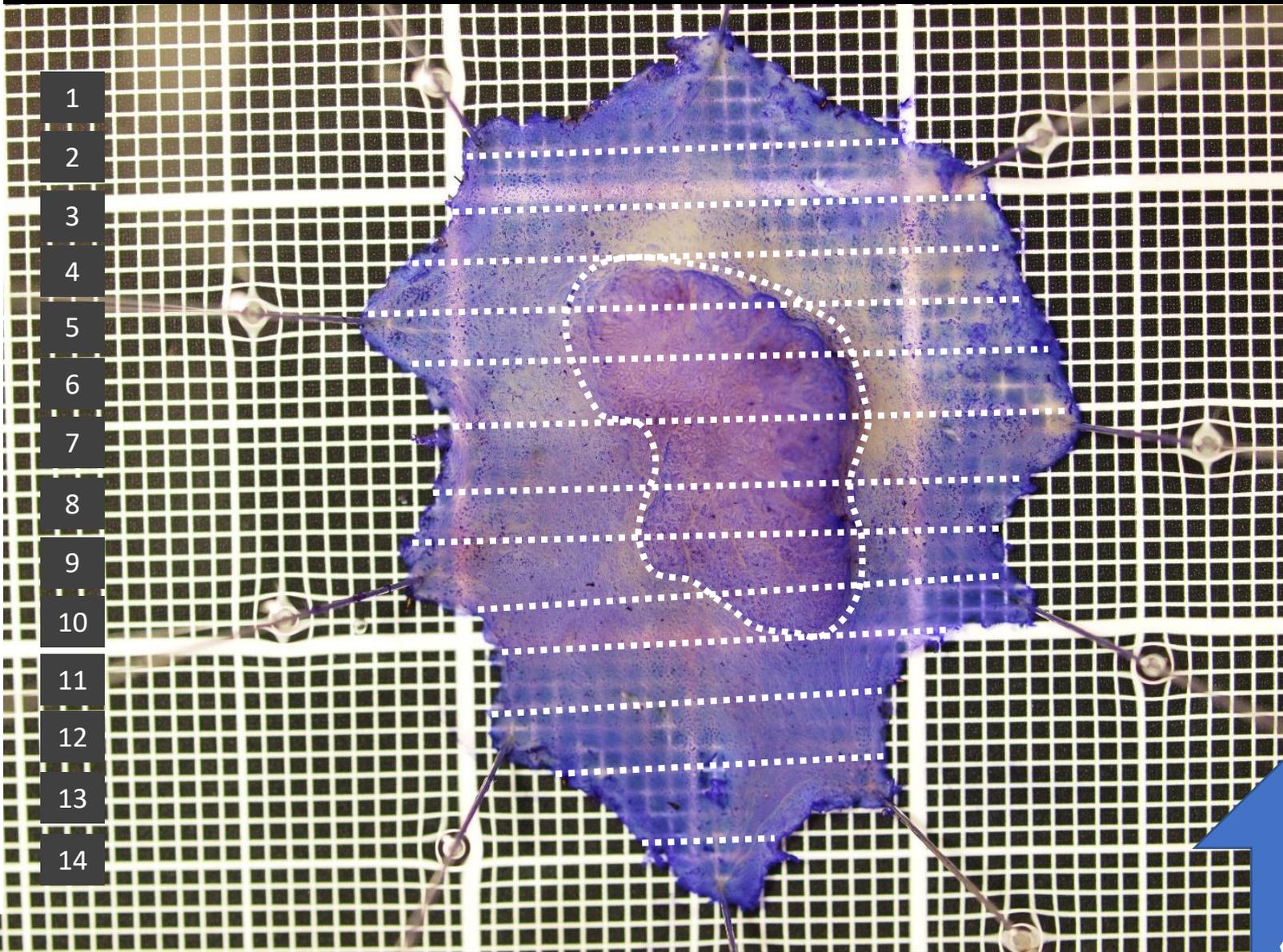
adenoma



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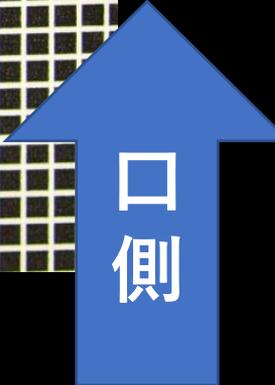
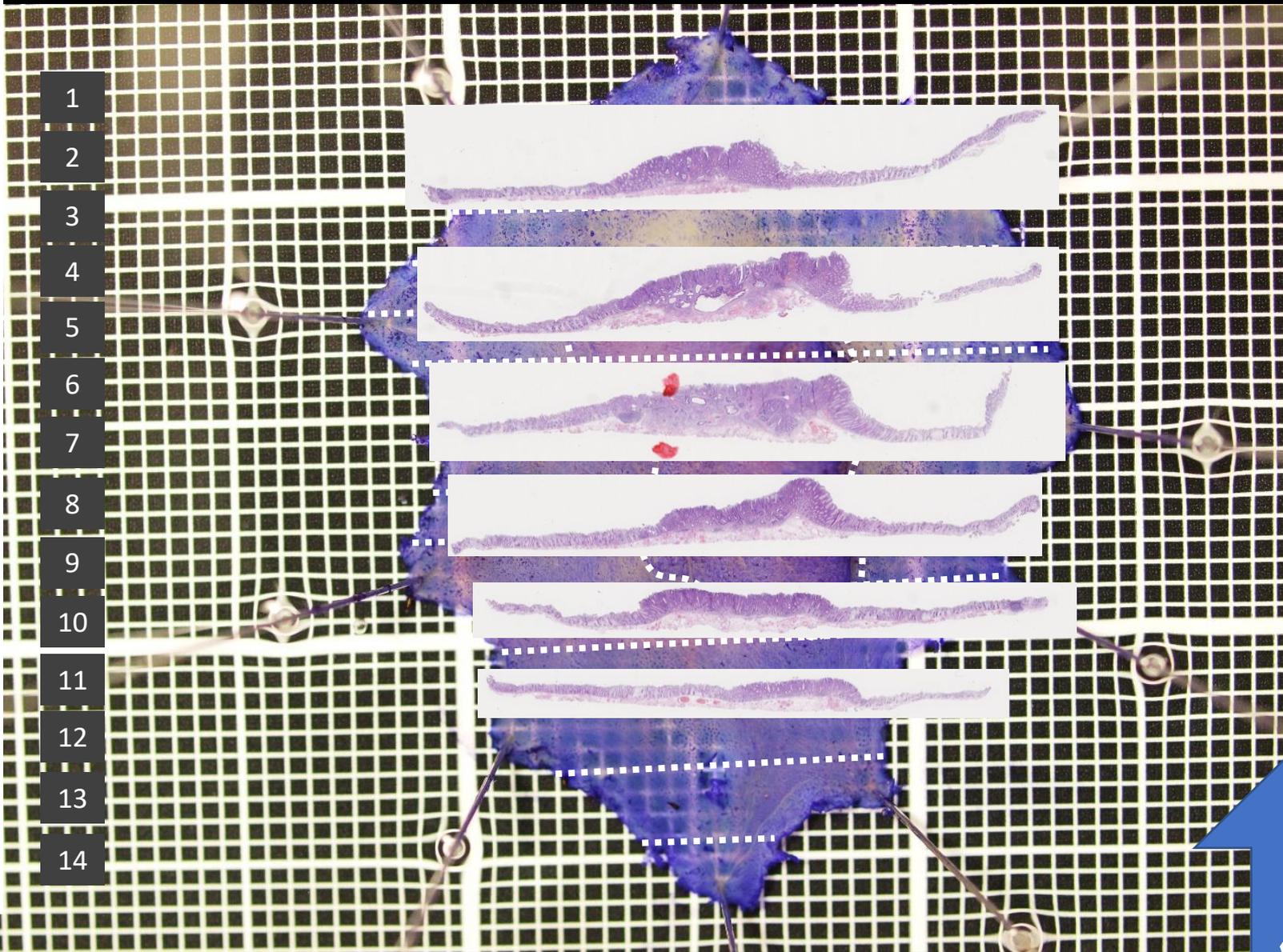
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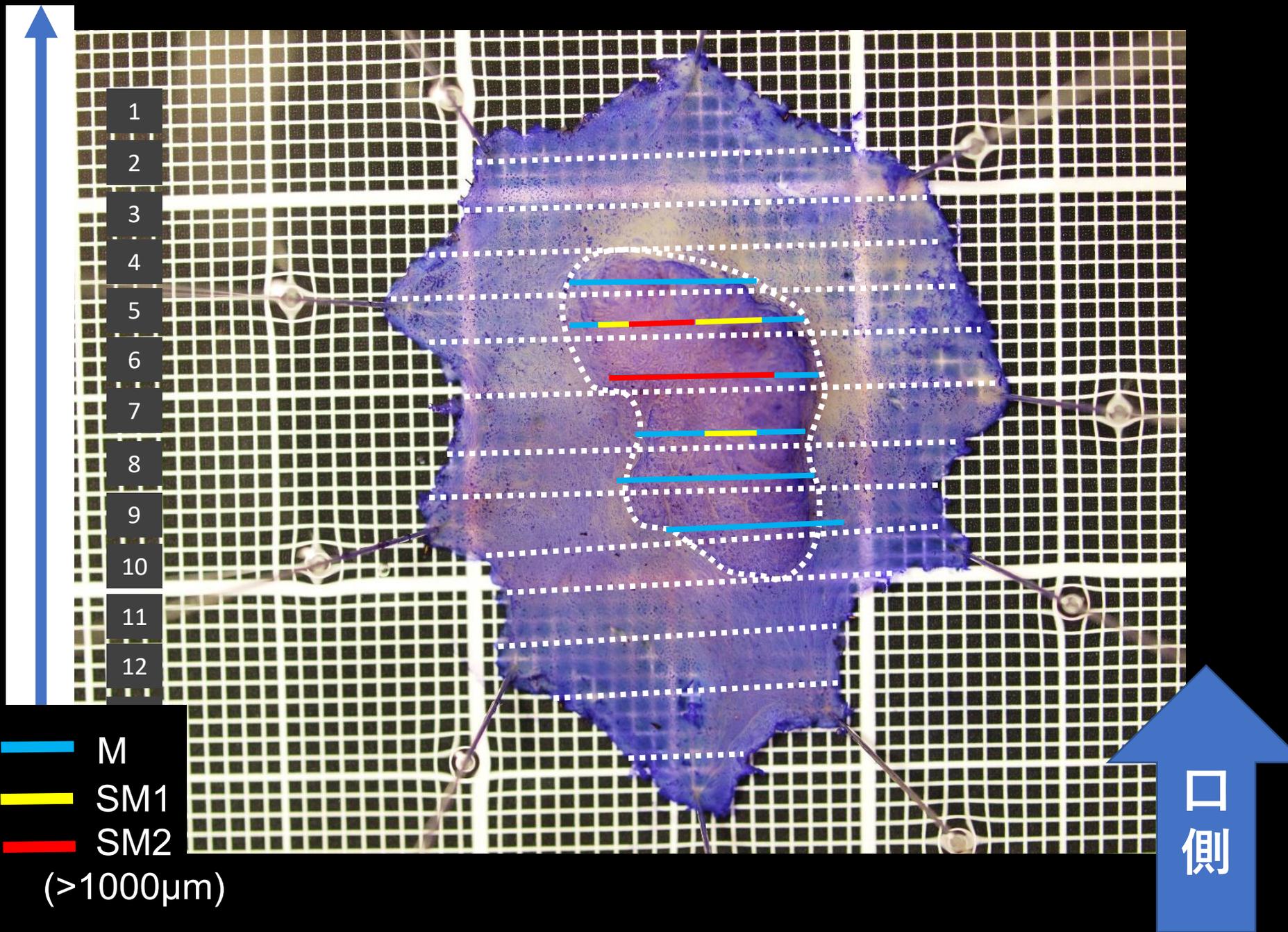
口側



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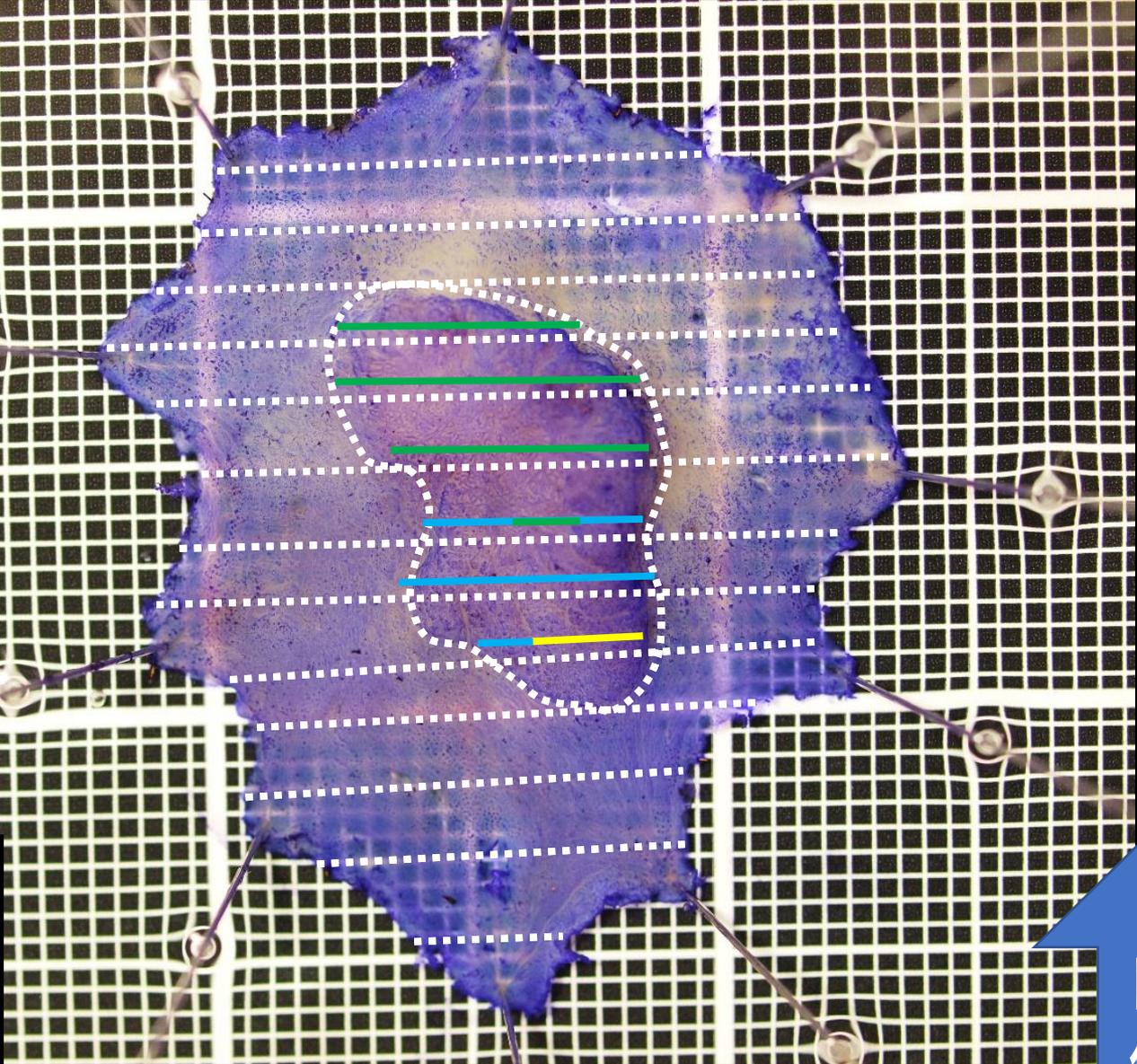
— M  
— SM1  
— SM2

(>1000 $\mu$ m)

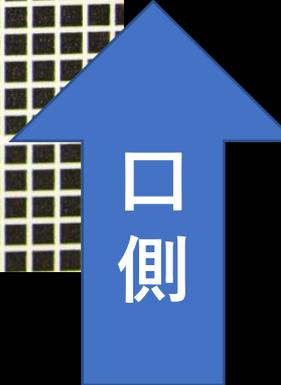
口側



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12



tub1  
tub2  
adenoma



口側

# 病理組織診斷

Colon, Transverse, 39 × 31mm,

Type 0-Ⅱa+Ⅱc,

tubular adenocarcinoma,

moderately differentiated type (tub2 > tub1)

Carcinoma with adenoma component

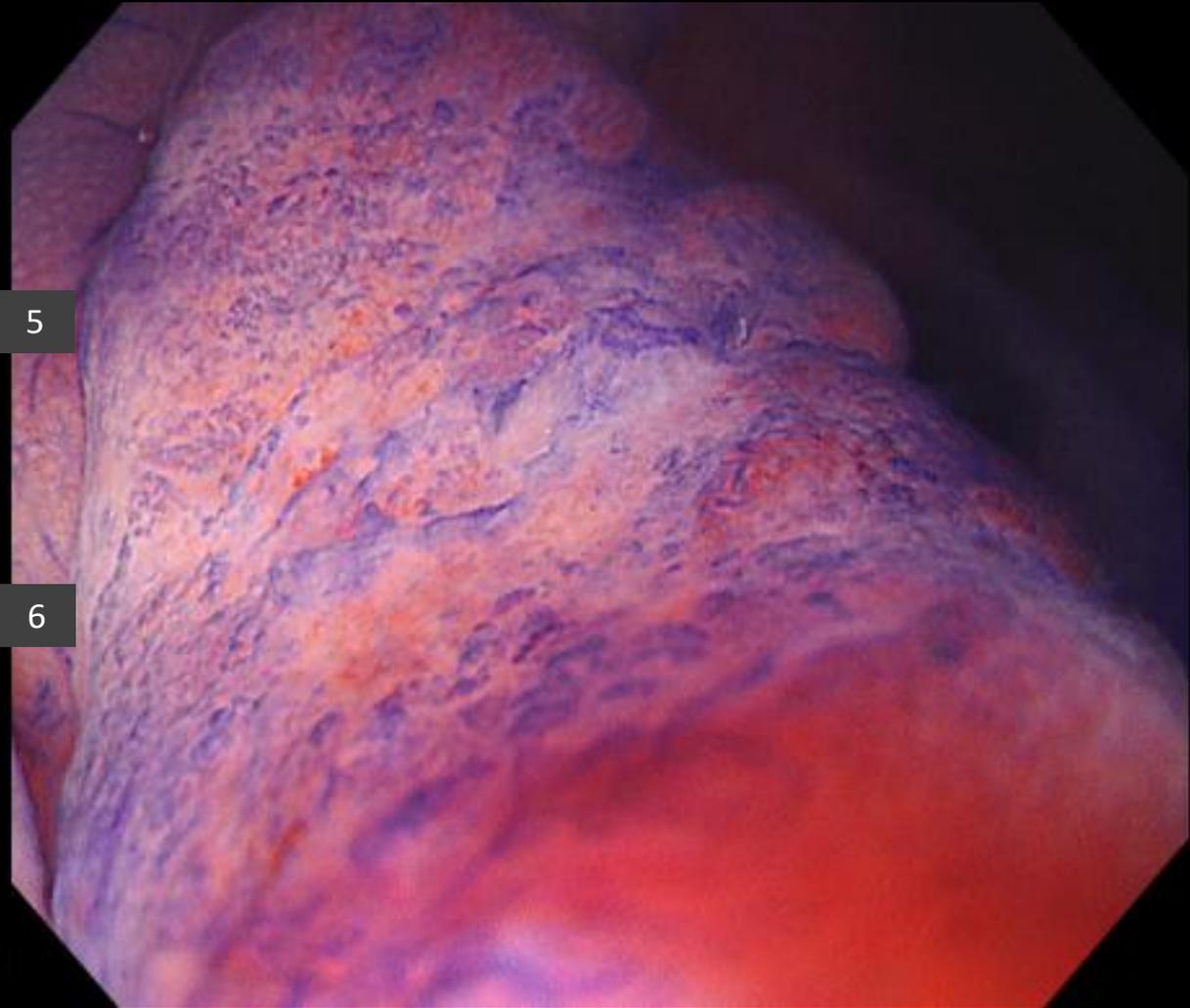
pT1b(SM, 2000μm), INFb, Ly1(D2-40),

V0(EVG, CD31), BD2, EX negative, pHM0, pVMX, ER0,

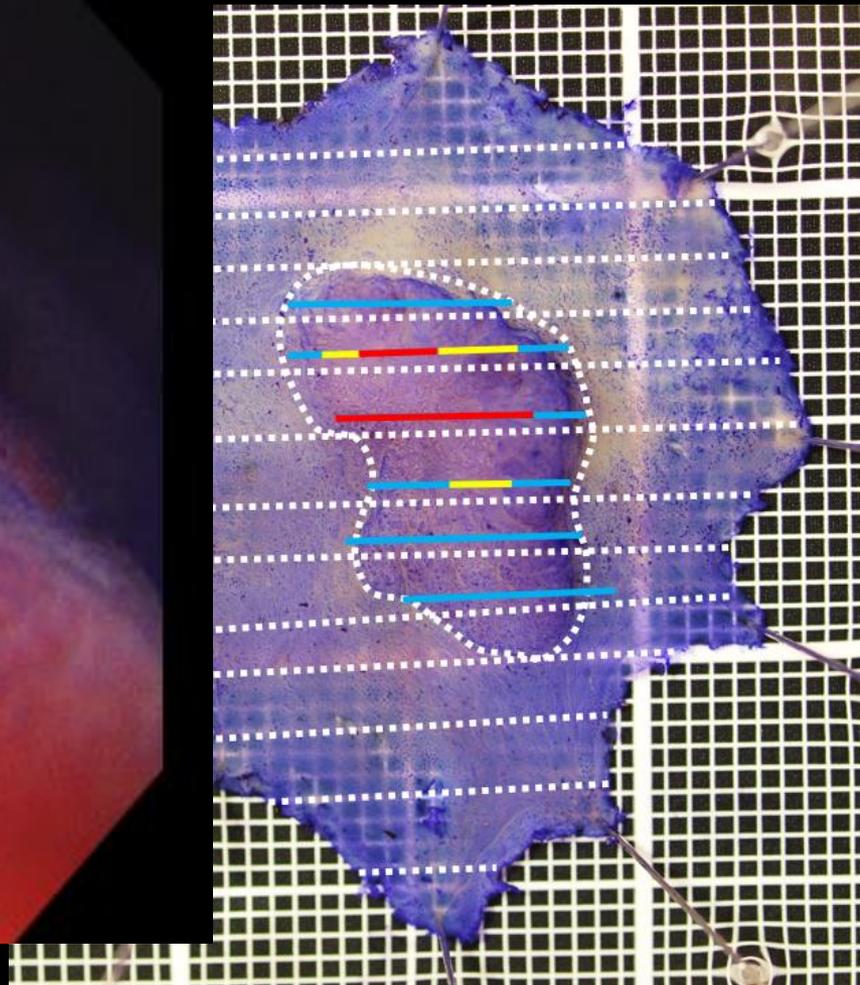
pT1b(SM, >2000μm) N0M0 Stage I

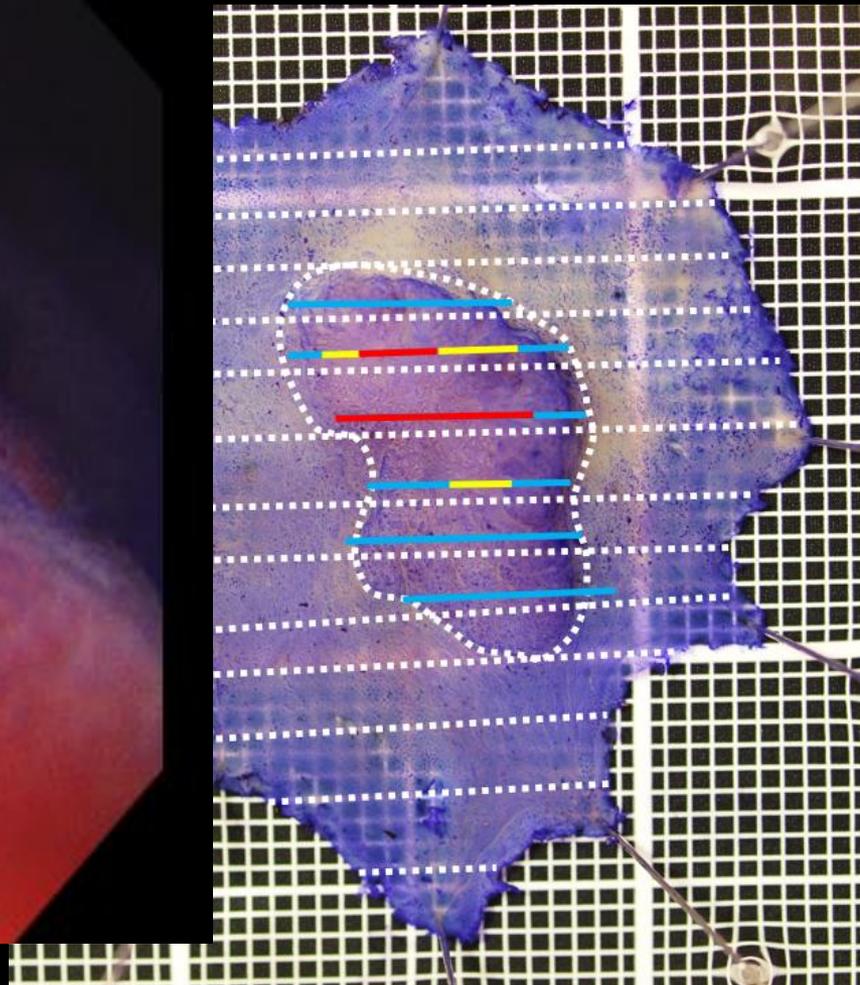
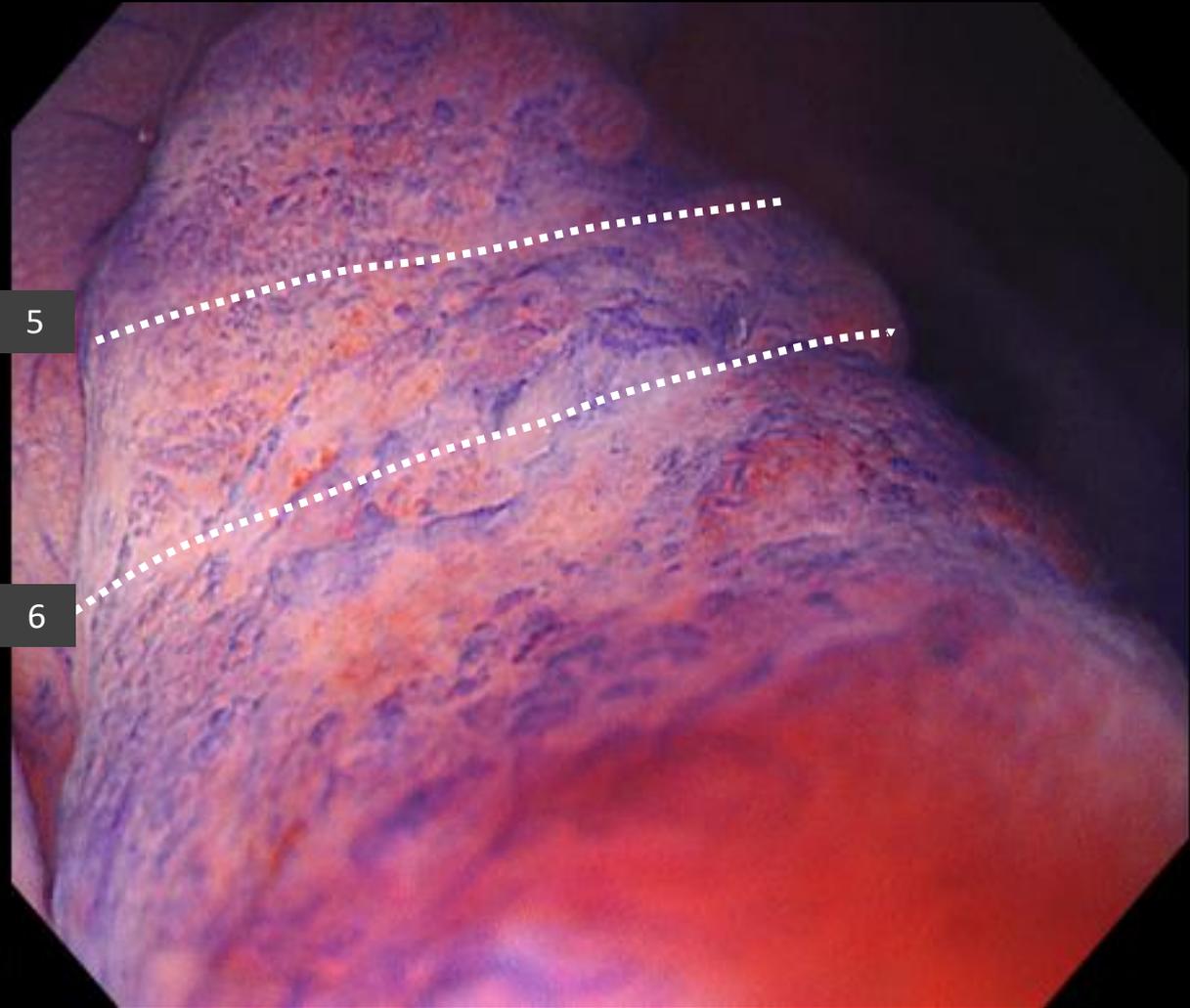
非治癒切除

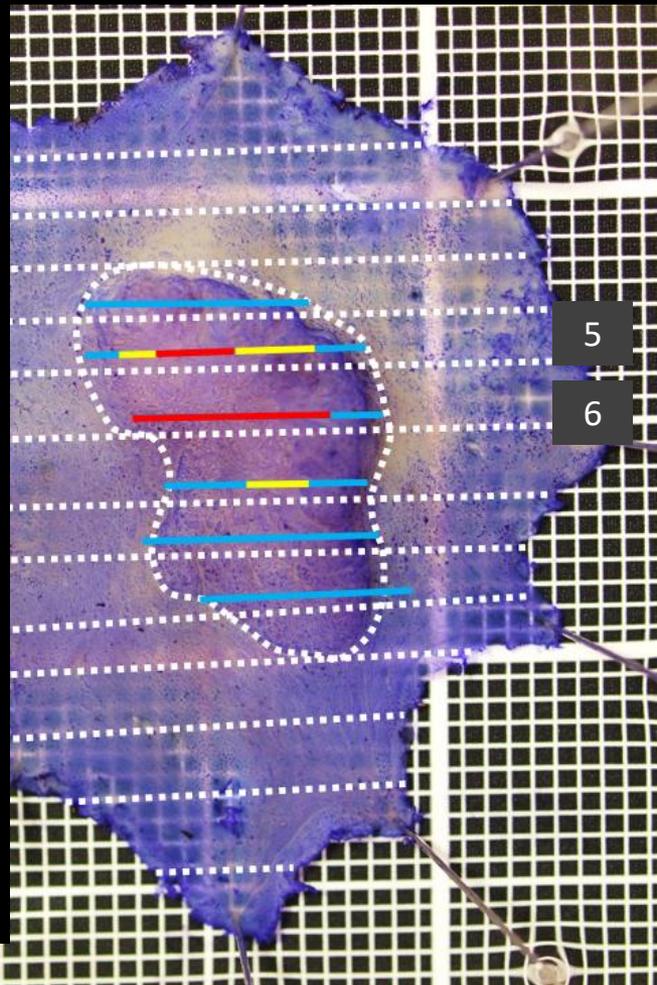
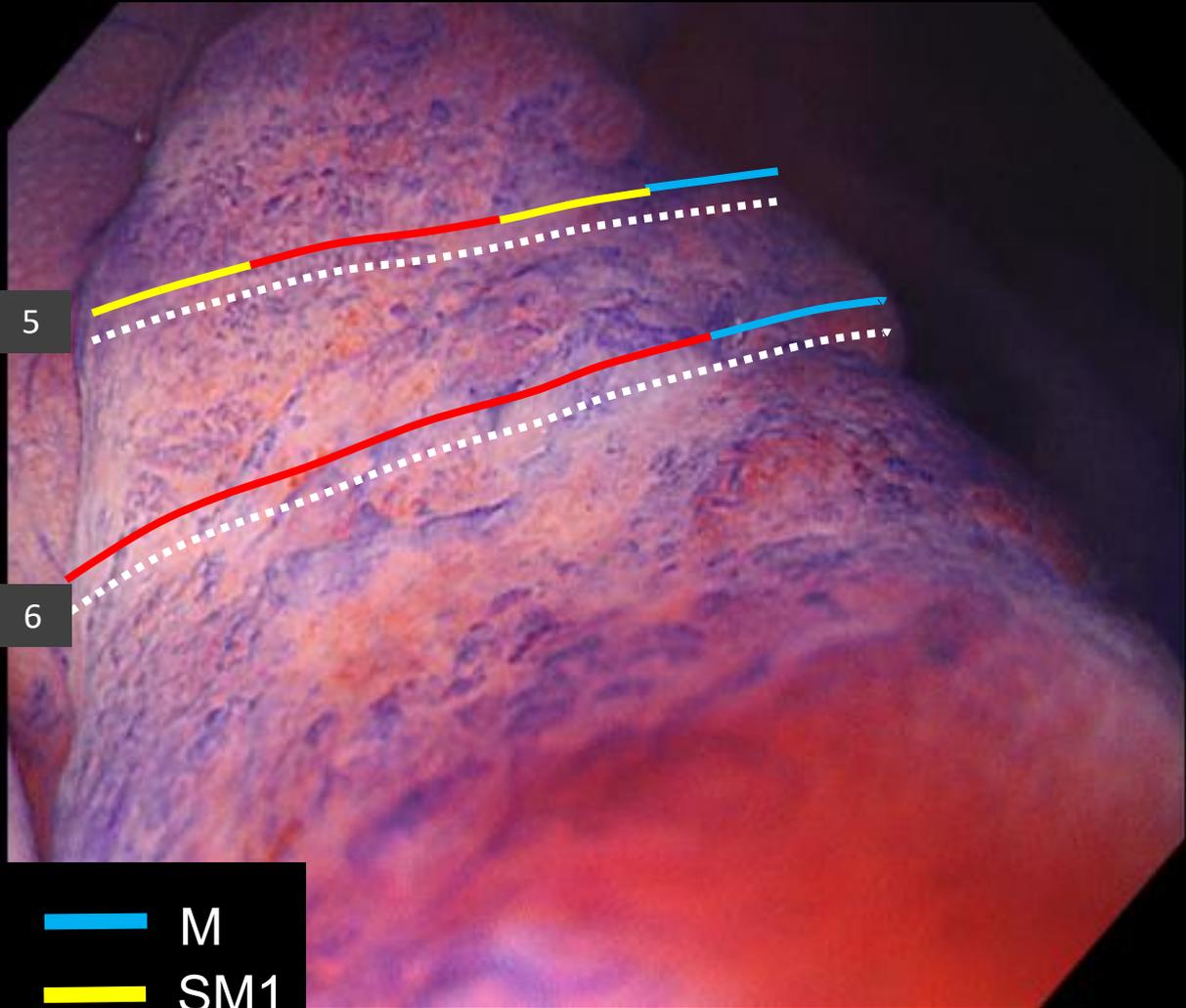
# Mapping



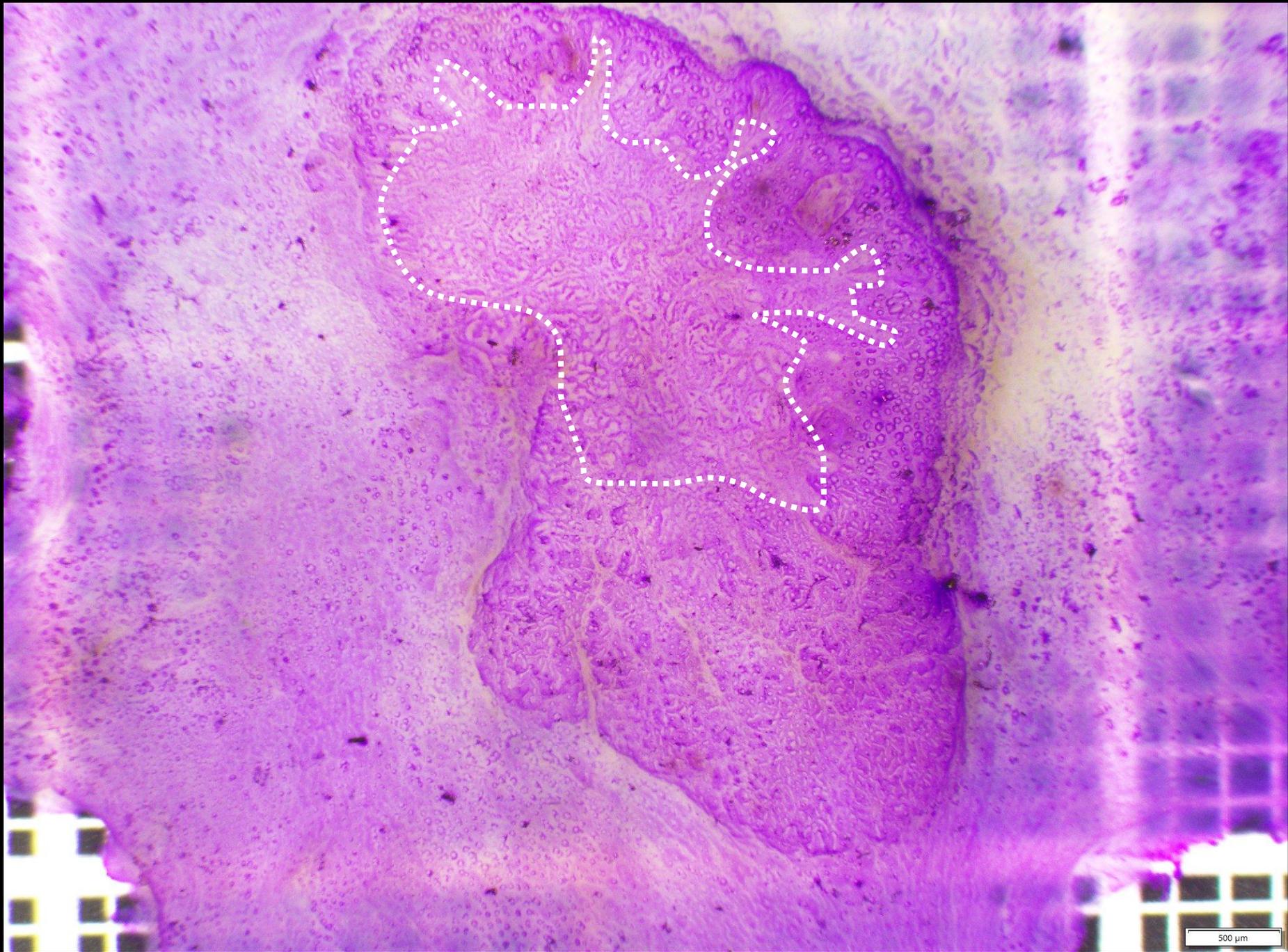
6







— M  
— SM1  
— SM2  
( $>1000\mu\text{m}$ )



500  $\mu$ m

# 考察

- 追加切除の適応はどうか

## 〔内視鏡的切除後の pT1 癌の治療方針〕

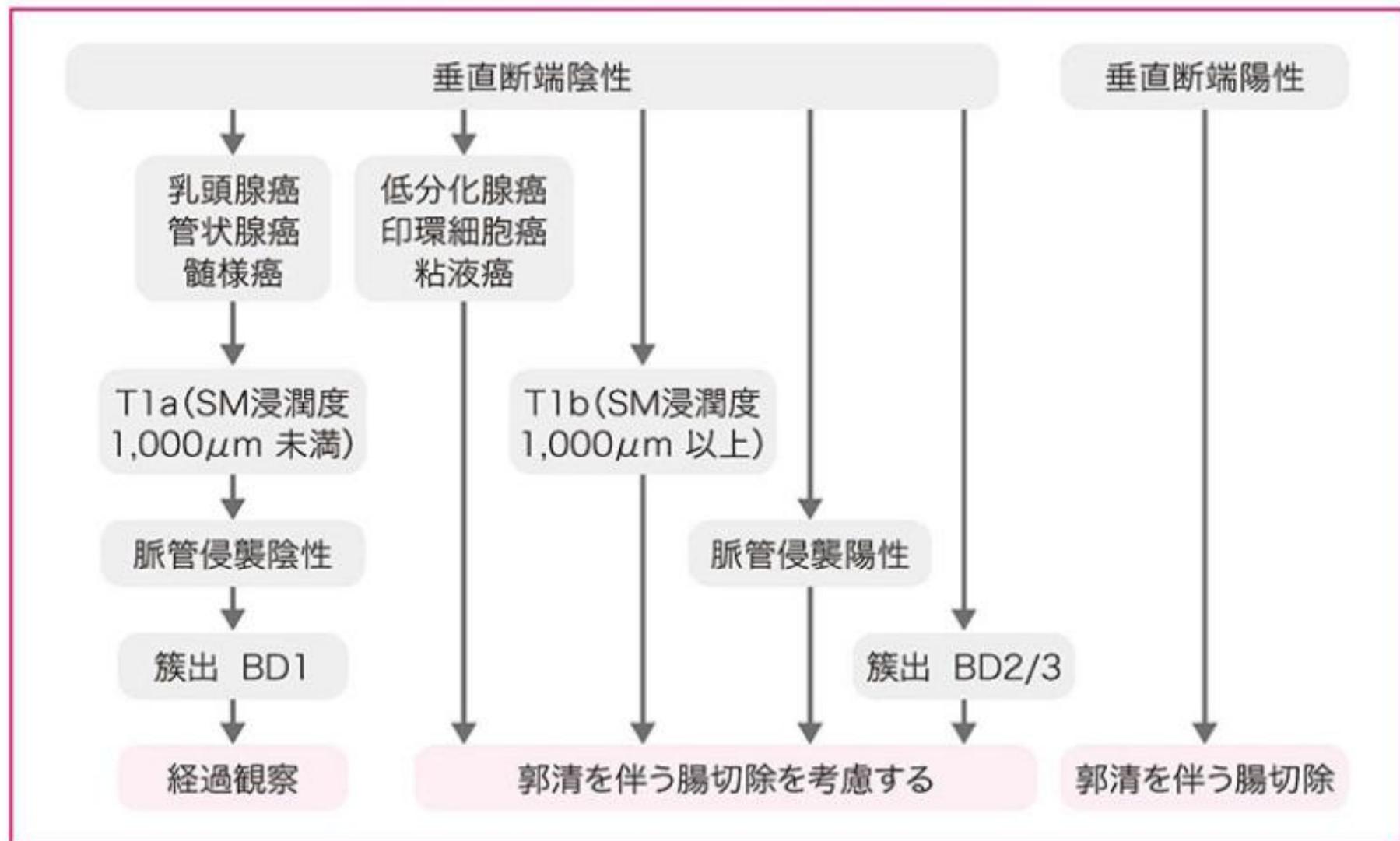


表 11 sm 癌浸潤距離とリンパ節転移 (文献 320 より改変)

sm 浸潤距離 ( $\mu\text{m}$ )	有茎性		非有茎性	
	病変数	n(+) (%)	病変数	n(+) (%)
head invasion	53	3 (5.7)		
$0 < X < 500$	10	0 (0)	65	0 (0)
$500 \leq X < 1,000$	7	0 (0)	58	0 (0)
$1,000 \leq X < 1,500$	11	1 (9.1)	52	6 (11.5)
$1,500 \leq X < 2,000$	7	1 (14.3)	82	10 (12.2)
$2,000 \leq X < 2,500$	10	1 (10.0)	84	13 (15.5)
$2,500 \leq X < 3,000$	4	0 (0)	71	8 (11.3)
$3,000 \leq X < 3,500$	9	2 (22.2)	72	5 (6.9)
$3,500 \leq X$	30	2 (6.7)	240	35 (14.6)

1,000  $\mu\text{m}$  以上の浸潤症例のリンパ節転移率は 12.5%であった。

head invasion 例でリンパ節転移陽性であった 3 例はいずれも ly 陽性であった。

高齢者で追加切除と非切除で疾患特異的生存率は  
100%で変わらなかった。

Y Takahashi et al int J Colorectal 2017

高齢者で基礎疾患があると術後合併症のため長期予  
後が悪くなる。

T Tominaga et al Indian J Surg 2018

ASA $\geq$ 3、CCI $\geq$ 5で有意に合併症リスクが高くなる。

Tan KY et al Int J Colorectal 2009

CCI $\geq$ 2で有意に合併症リスクが高くなるという報告  
もあり。

日本大腸肛門病会誌 69：191-196，2016

## ⑨ チャールソン併存疾患指数 (Charlson Risk Index)

併存疾患があれば、○をして下さい。リンパ腫に対しては○を付けています



1.心筋梗塞	0	1
2.うっ血性心不全 (労作時呼吸困難、夜間呼吸苦、薬物療法に反応した例)	0	1
3.末梢血管疾患 (間欠性跛行、バイパス術後、壊疽、未治療の胸腹部大動脈瘤 (6cm 以上) を含む)	0	1
4.脳血管障害 (後遺症のほぼない脳血管障害既往、TIA)	0	1
5.認知症	0	1
6.慢性肺疾患 (軽労作で呼吸困難を生じるもの)	0	1
7.膠原病 (SLE、多発筋炎、MCTD、PMR、中等度以上の RA)	0	1
8.消化性潰瘍	0	1
9.軽度肝疾患 (門脈圧亢進を伴わない軽度の肝硬変、慢性肝炎)	0	1
10.糖尿病 (三大合併症なし、食事療法のみは除く)	0	1
計		

11.片麻痺 (対麻痺も含む。脳血管障害に起因していなくても可)	0	2
12.中等度—高度腎機能障害 (Cre $\geq$ 3mg/dl、透析中、腎移植後、尿毒症)	0	2
13.糖尿病 (3 大合併症のいずれかあり、DKA や糖尿病性昏睡での入院歴)	0	2
14.固形癌 (過去 5 年間に明らかに転移なし)	0	2
15.白血病 (急性、慢性、真性赤血球増加症)	0	2
16.リンパ腫 (リンパ肉腫、マクログロブリン血症、骨髄腫含む)	0	②
計		

17.中等度—高度肝機能障害 (門脈圧亢進を伴う肝硬変)	0	3
計		

18.転移性固形癌	0	6
19.AIDS (Acquired immunodeficiency syndrome)	0	6
計		

Low: 0  
 Medium: 1~2  
 High: 3~4  
 Very high:  $\geq$  5

合計