

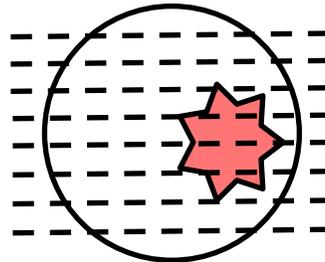
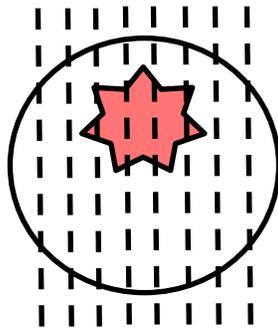
GASTROINTESTINAL PATHOLOGY GROSSING GUIDELINES

Specimen Type: EMR (Endoscopic Mucosal Resection) or ESD (Endoscopic Submucosal Resection)

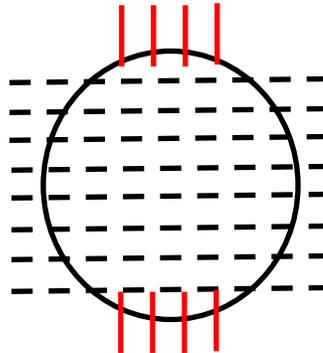
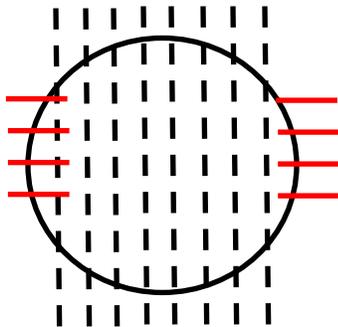
Note: Please page/notify the GI biopsy fellow on service to review the gross specimen

Procedure:

1. Measure and provide orientation.
 - a. If unoriented -- ink should be applied on the peripheral and deep margins (1 color only)
 - b. If oriented, ink peripheral margins differentially (similar to skin specimen; e.g., 12-3:00 blue, 3-6:00 green, 6-9:00 purple, 9-12:00 orange, deep- black) and indicate orientation in the cassette summary
2. Section at 2mm intervals
 - a. If a gross lesion is identified- section along the axis to allow for evaluation of the lesion to the nearest peripheral margin:



- b. If no gross lesion is identified OR if the lesion appears to completely involve all margins, section along the long axis. Take **perpendicular sections** of the first and last slices to allow for complete evaluation of the margins:



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Gross Template: Labeled with the patient's name (**), medical record number (**), designated **, and received [*fresh/in formalin*] is an [*oriented/unoriented*] EMR measuring ** x ** cm, excised to a depth of ** cm. [*Describe orientation*]. [*Describe any lesions – including size, type, borders, color, shape, distance to all margins*]. The specimen is sectioned [*provide orientation if applicable*] to reveal [*describe cut surface*]. The specimen is entirely submitted in [*describe cassette submission*].

Cassette Submission: 5-10 cassettes

- Submit levels sequentially into cassettes
 - o End margins are in separate cassettes and perpendicularly sectioned (see diagram)
- Multiple levels can be placed into the same cassette
- **The cassette key should clearly indicate what is submitted (ie, A1: level one, perpendicularly, A2: next 3 serial slices, A3: Next 2 serial slices, A4: last slice, perpendicularly sectioned)**

Sample Cassette Submission:

A1	One end, perpendicular
A2- A4	Central sections (lesion: A3 - A4)
A5	Opposite end, perpendicular