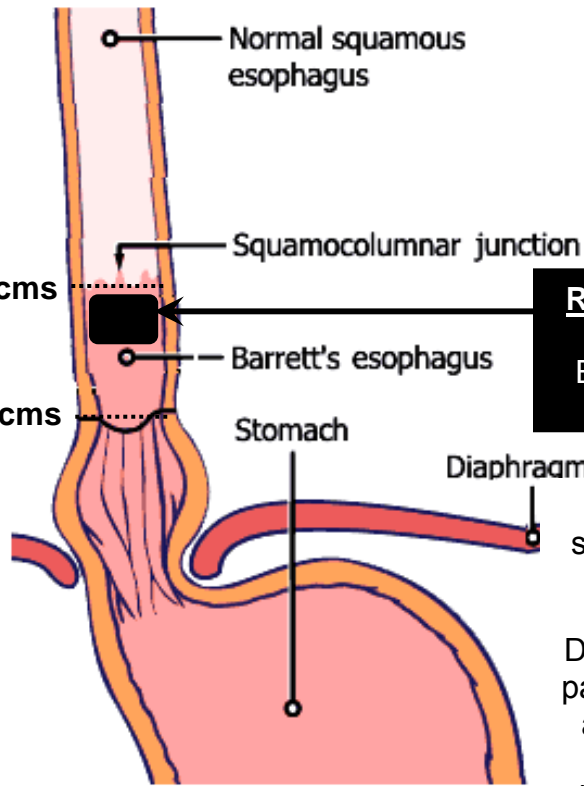


Short Segment Barrett's Esophagus



Surveillance Biopsies
Please take 4 jumbo Biopsies at each level

Research Biopsy Zone
Please take 8 jumbo Biopsies from this area

Process at participating site for histology

Wash each biopsy for 5 seconds using PBS (4°C).

No dysplasia

Divide each biopsy into two parts. Snap freeze one half and store at -70°F. Place other half in 10% neutral buffered formalin at room temperature.

Identify first biopsy as #1 and the last biopsy as #8. Label the snap frozen half of the first biopsy as 1SF and the half in 10% neutral buffered formalin as 1FF and ship samples to Mayo Clinic Rochester

Process all the FF samples for histology. Consider patient for enrollment only if 4 out of 8 FF samples show $\geq 50\%$ intestinal metaplasia per sample

Consider subject for enrollment into the study if (1) histology shows no dysplasia AND (2) four out of eight FF sample show $\geq 50\%$ intestinal metaplasia per sample. Store FF sample histology slides and paraffin blocks at Mayo Clinic Rochester for biomarker studies.