

## Surgery of the Stomach

1

### Stomach Cancer Surgery Goals

Staging refers to the tests to determine

- Remove the tumor
- Remove lymph nodes (depends upon tumor type)
- Preserve stomach function
- Reconstruct GI tract

**Treatment options depend upon the cancer stage**

2

### Distal Cancers

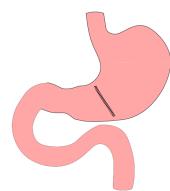
Distal cancers are those in the lower part of the stomach



3

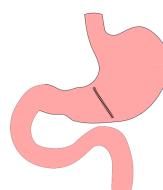
### Partial Gastrectomy

- Removes the tumor
- Lymph nodes not removed
- Best suited for:
  - Small adenocarcinoma
  - GI Stromal Tumors



4

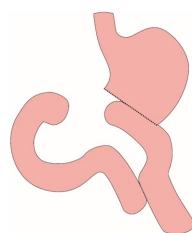
### Partial Gastrectomy



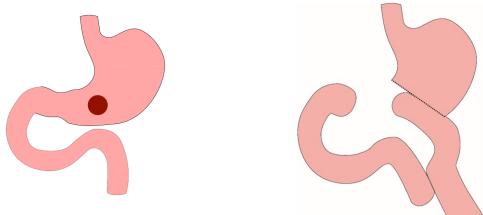
5

### Distal Gastrectomy

- Removes bottom half of the stomach
- Does lower lymph nodes



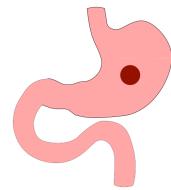
6

**Distal Gastrectomy**

7

**Body Cancers**

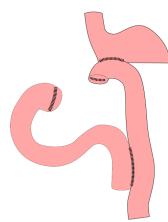
Body is the mid-portion  
of the stomach



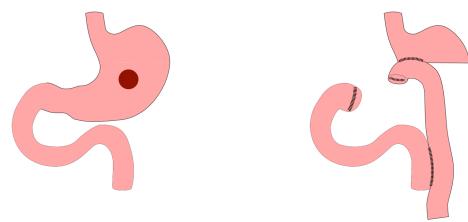
8

**Subtotal Gastrectomy**

- Removes bottom 2/3 of stomach
- Removes lymph nodes
- Reconstruction with small intestine



9

**Subtotal Gastrectomy**

10

**Proximal Tumors**

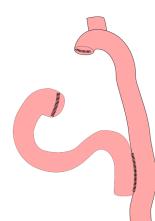
- Located near the top of the stomach
- Challenging area for surgery



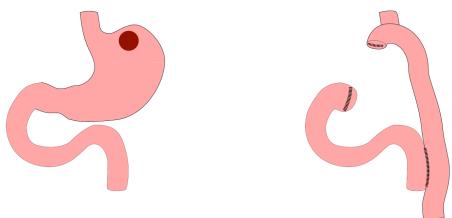
11

**Total Gastrectomy**

- Removes all of the stomach
- Reconstruction with small intestine
- Needed for those with CDH1 mutations



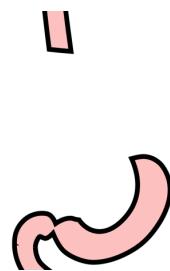
12

**Total Gastrectomy**

13

**Esophagogastrectomy**

- Removes top part of stomach
- Remove bottom half of esophagus
- Surgery in both abdomen and chest



14

**Esophagogastrectomy**

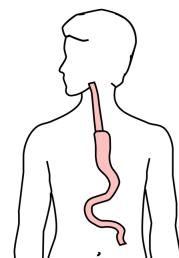
- Removes top part of stomach
- Remove bottom half of esophagus
- Surgery in both abdomen and chest



15

**Esophagogastrectomy**

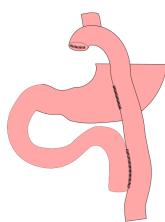
- Removes top part of stomach
- Remove bottom half of esophagus
- Surgery in both abdomen and chest



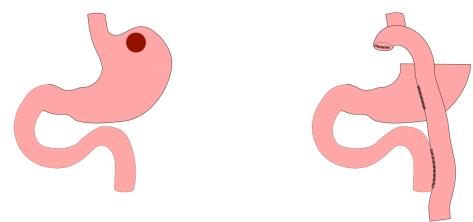
16

**Dual Tract Gastrectomy**

- Alternative surgical approach for small tumors near the top of the stomach
- Preserves the bottom of the stomach as a reservoir



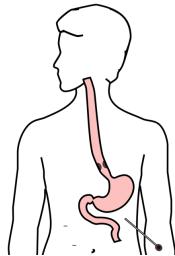
17

**Dual Tract Gastrectomy**

18

**Laparoscopy**

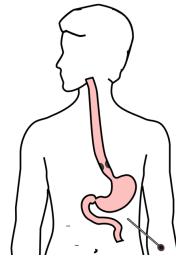
- Some stomach cancers can spread inside the abdomen
- Areas of spread can be very small (grain of rice)
- Laparoscopy can detect spread inside the abdomen



19

**Laparoscopy**

- General anesthetic
- Several 1/4" incisions
- Telescope examines the abdomen
- Biopsies can be performed.



20

**Risks of Surgery**

- Leak where bowel is joined together (anastomosis)
- Bleeding requiring reoperation
- Delayed stomach function
- Infection in the abdomen

21

**Primary Care Practitioner (PCP)**

- Critical to coordinate care between specialists.  
We will update your PCP after each visit  
PCP Referral Line (844) 235-6998

22

**My Atrium Patient Portal**

- Critical to good communication with your care team
- Available for desktop or laptop or phone
- Sign up at [my.atriumhealth.org](http://my.atriumhealth.org)

23

**Exercise**

- Reduces risk of complications from treatment
- Goal is 30min/day of vigorous exercise 6 days/wk
  - Working hard enough that you can't converse
  - Start slowly and build up
  - Every day counts! (Aim for daily activity)

24