

## Krukenberg Tumor

Krukenberg tumors are caused by metastasis to the ovaries from a separate primary location. This is thought to occur through retrograde lymphatic spread, and tumors often present bilaterally. Common primary tumor sources include metastases from both gastric and breast malignancies, although gastrointestinal malignancy at the pylorus is the most frequent source. Microscopically, mucin-secreting signet cells are a defining characteristic of this tumor type.



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### Non-germ Cell Tumor

#### Non-germy Ovary

Krukenberg Tumors are caused by metastasis to the ovaries from a separate primary location and often present bilaterally.

### Lymphatic Spread to Ovaries

#### Spread by Limes

Metastasis from a separate primary tumor to the ovaries often occurs through retrograde lymphatic spread.

### Metastasis

#### Lime-web-spreading-to-ovary and Metastasis-mit

Common primary tumor sources include metastases from gastric cancer and breast cancer.

### GI Malignancy

#### GI Malignant-man

Malignancy from the gastrointestinal tract, especially adenocarcinoma at the pylorus, is the most common cause.

### Mucin-secreting Signet Cell

#### Moose Signalling

Tumors can be identified microscopically through the presence of mucin-secreting signet cells in the ovarian tissue. Similar cells are typically found at the primary tumor as well.