

K7706



Female

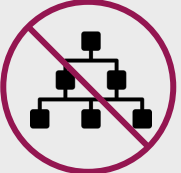


65

Age



No prior cancer

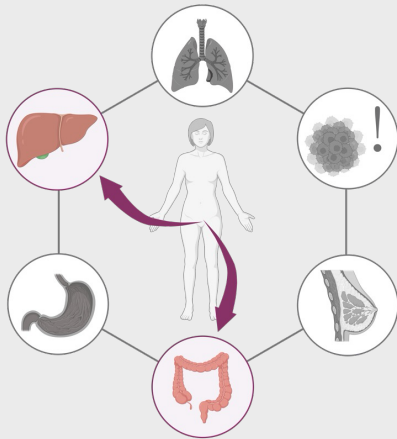


No family history of cancer



Asymptomatic

Cancer Signal Detected

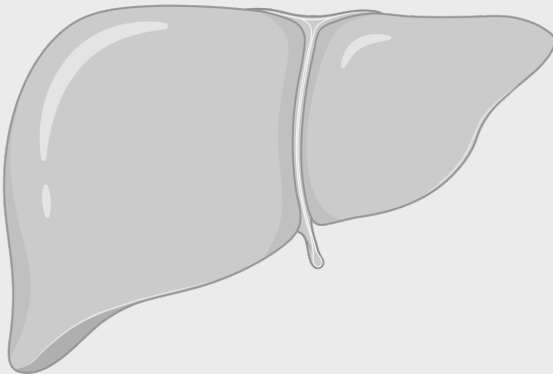


Result Consulted



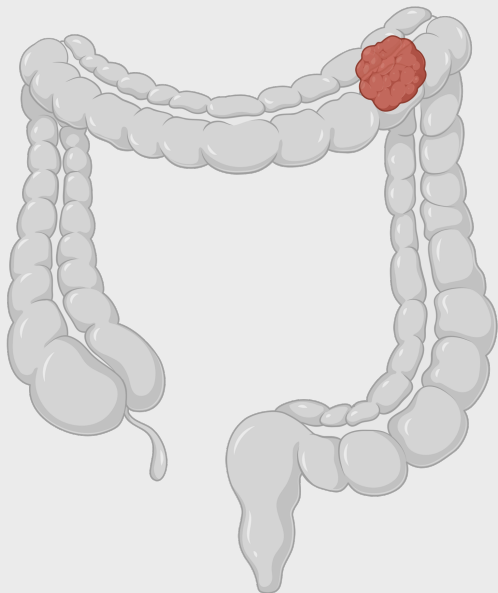
- Tumor of origin**
- Liver, colorectum
- Consultation**
- 3-phase abdominal CT scan
 - Colonoscopy

3-phase abdominal CT scan



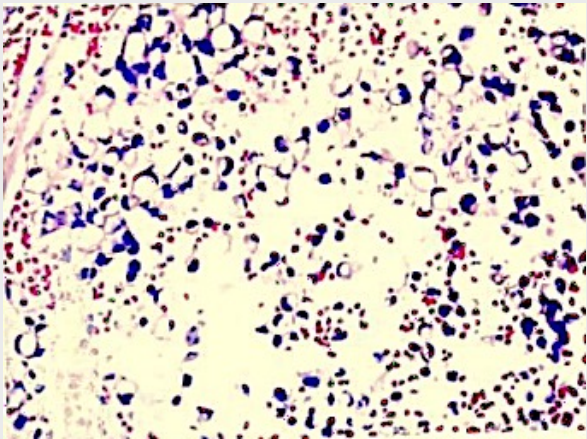
- Results**
- No lesions detected in the liver.

Colonoscopy



- Results**
- Transverse colon, near the splenic flexure: a rough, jagged tumor, causing narrowing of the colon, suspected of malignancy.
- ➔ Biopsy

Biopsy Result



- Results**
- Signet ring cell carcinoma with peritoneal metastasis.

Conclusion

True positive ctDNA signals with colon cancer, stage IVC.

K6348



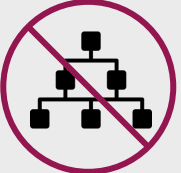
Male



Age



No prior cancer

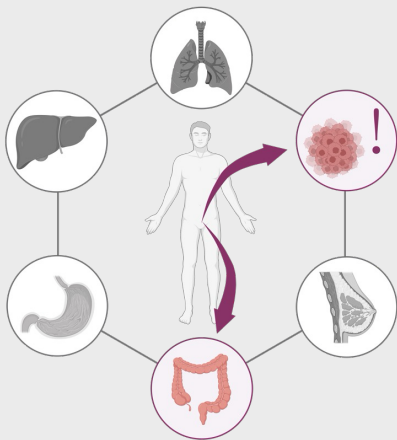


No family history of cancer



Asymptomatic

Cancer Signal Detected

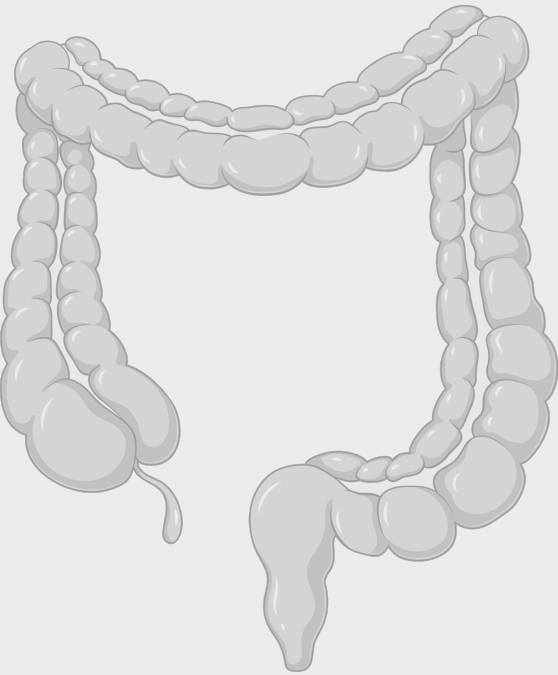


Result Consulted



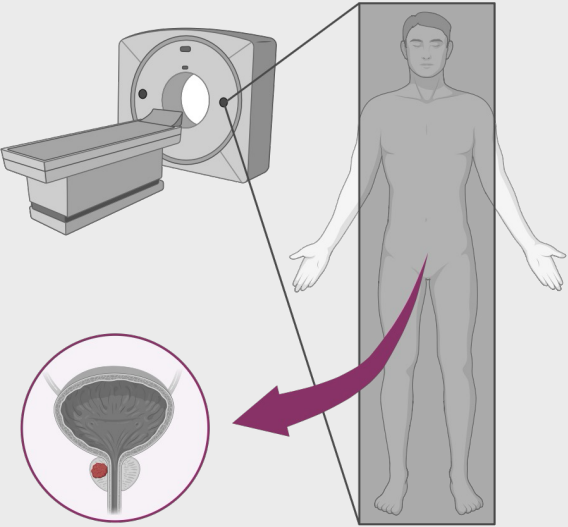
- Tumor of origin**
- Colorectum, unclassified
- Consultation**
- Colonoscopy
 - Whole-body CT scan

Colonoscopy



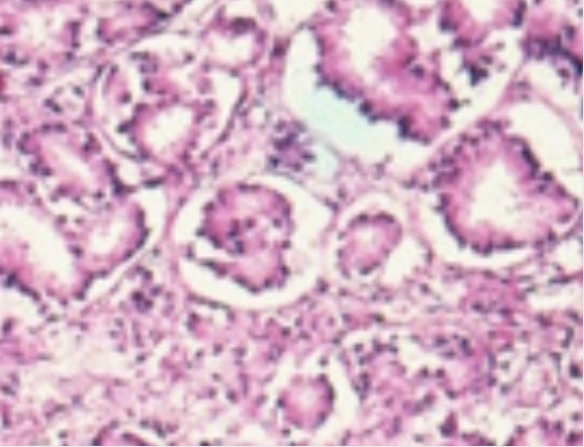
- Results**
- No lesions detected in the colorectum.

Whole-body CT scan



- Results**
- Lesions suspected of prostate cancer, metastases to the 8th rib on the right.
- ➔ Bone biopsy

Biopsy Result



- Results**
- Prostate adenocarcinoma with bone metastasis.

Conclusion

True positive ctDNA signals with prostate cancer, stage IVB.

K4040



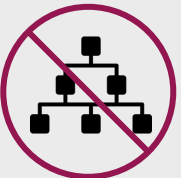
Female



Age



No prior cancer

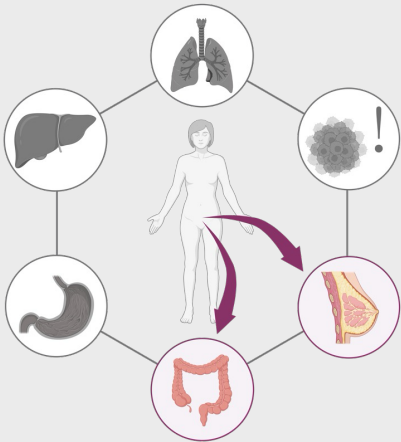


No family history of cancer



Asymptomatic

Cancer Signal Detected

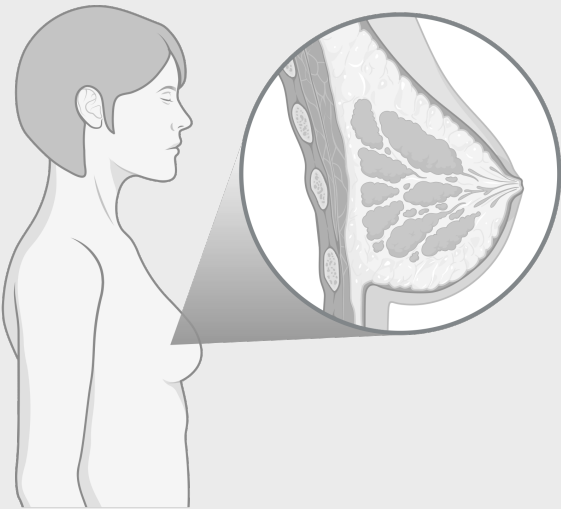


Result Consulted



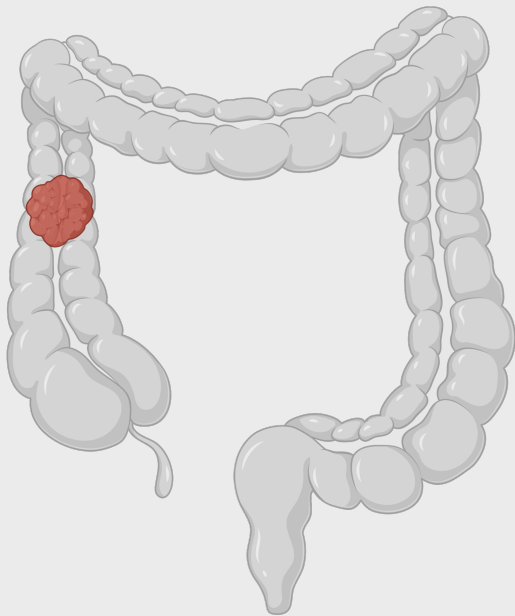
- Tumor of origin
- Coloretum, breast
- Consultation
- Colonoscopy
 - Breast ultrasound + mammography

Breast ultrasound + mammography



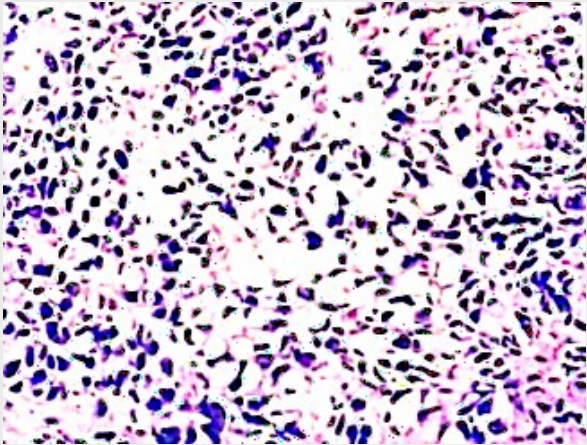
- Results
- No lesions detected in the breast.

Colonoscopy



- Results
- Ascending colon: a rough tumor, causing narrowing of the colon, suspected of malignancy.
- Biopsy

Biopsy Result



- Results
- Colon adenocarcinoma with peritoneal metastasis.

Conclusion

True positive ctDNA signals with colon cancer, stage IVC.

K6583



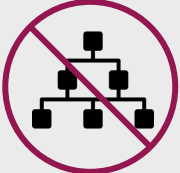
Male



Age



No prior cancer

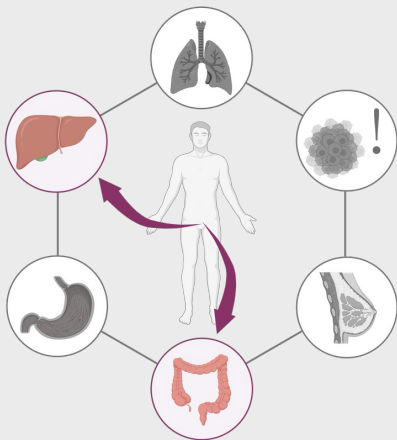


No family history of cancer



Asymptomatic

Cancer Signal Detected

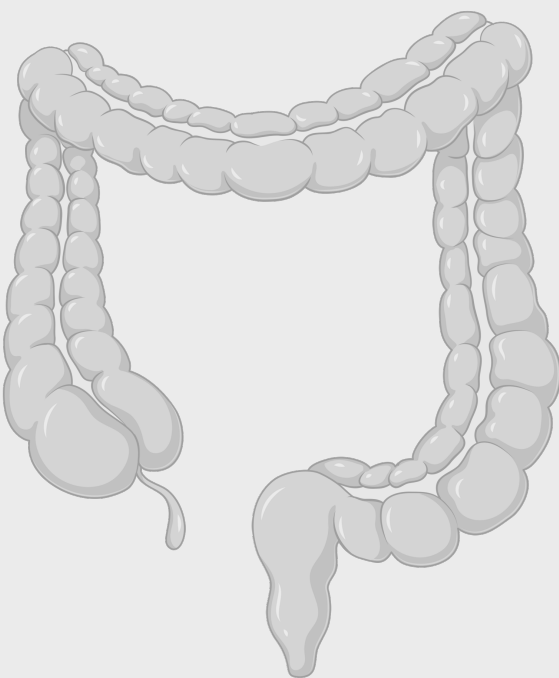


Result Consulted



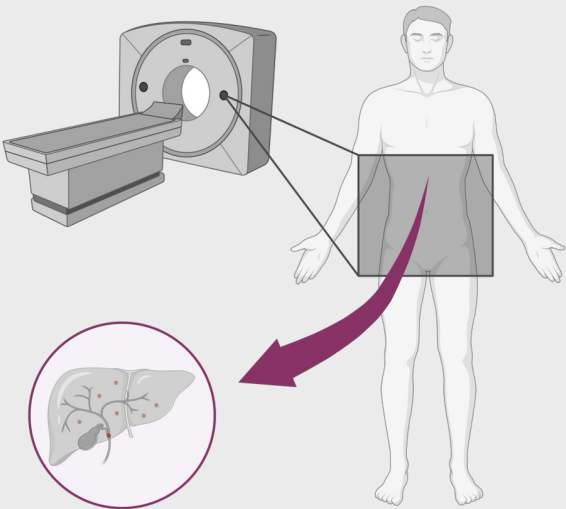
- Tumor of origin**
- Colorectum, liver
- Consultation**
- Colonoscopy
 - 3-phase abdominal CT scan

Colonoscopy



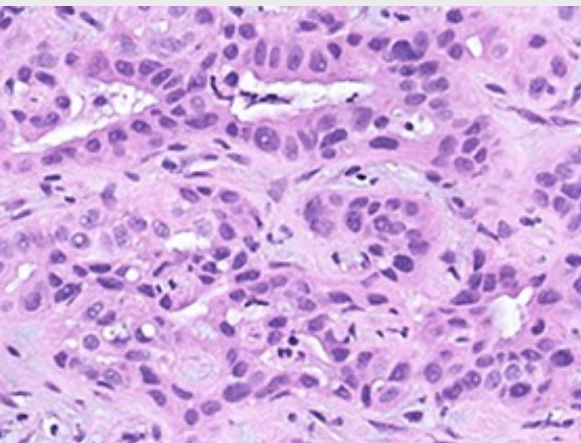
- Results**
- No lesions detected in the colorectum.

3-phase abdominal CT scan



- Results**
- Bile duct tumors in the common hepatic duct - the first part of the common bile duct causing dilation of the entire intrahepatic bile duct.
 - Monitoring multifocal liver metastasis.
- ➔ MRCP (Magnetic resonance cholangiopancreatography) confirmed a malignant lesion within the biliary ducts.
- ➔ Biopsy

Biopsy Result



- Results**
- Cholangiocarcinoma with liver metastasis.

Conclusion

True positive ctDNA signals with bile duct cancer, stage IV.

K4096



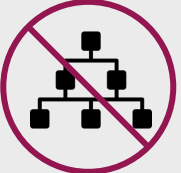
Male



Age



No prior cancer

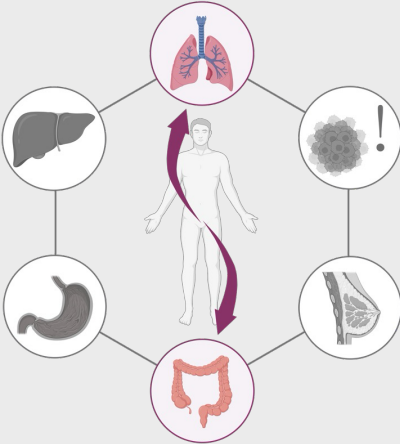


No family history of cancer



Asymptomatic

Cancer Signal Detected



Result Consulted



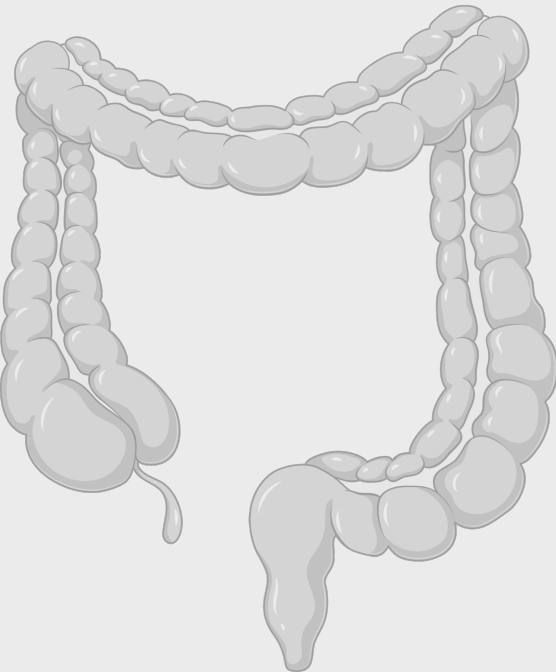
Tumor of origin

- Lung, colorectum

Consultation

- Chest CT scan with contrast
- Colonoscopy

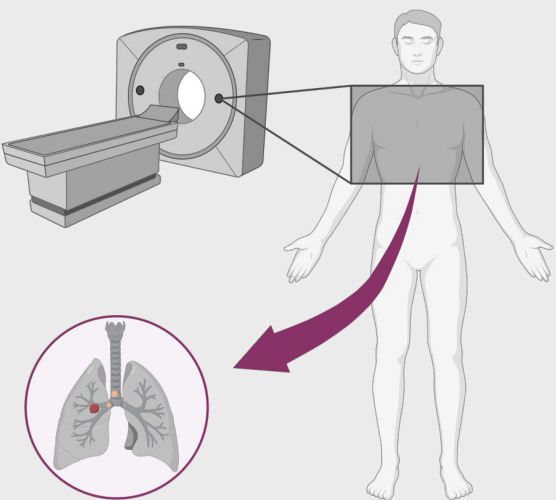
Colonoscopy



Results

- No lesions detected in the colorectum.

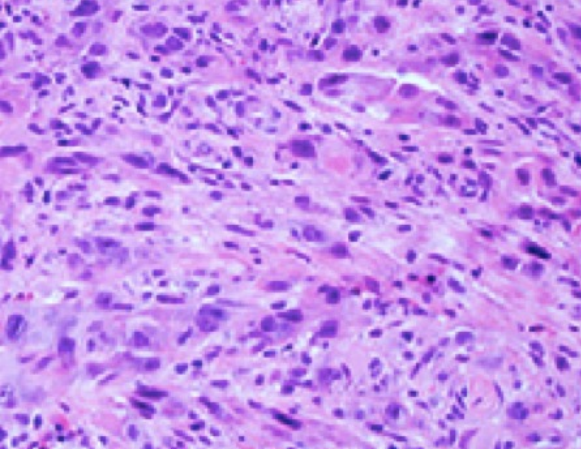
Chest CT scan with contrast



Results

- Lesions suspected of right lung cancer D#9.2cm with trachea - bronchi metastasis.
- ➔ Endoscopic biopsy

Biopsy Result



Results

- Lung adenocarcinoma with trachea - bronchi metastasis.

Conclusion

True positive ctDNA signals with lung cancer, stage IVA.

K0156



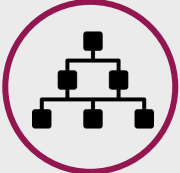
Male



Age



No prior cancer

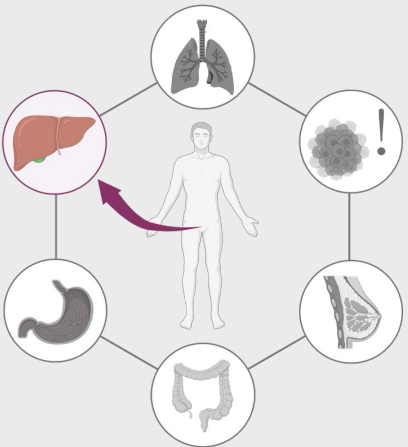


Family history of cancer



Asymptomatic

Cancer Signal Detected

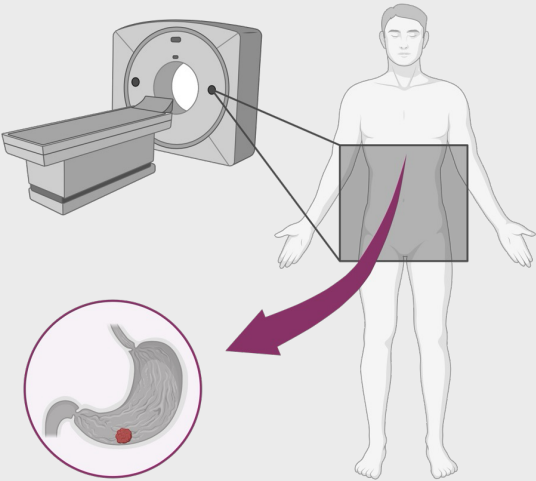


Result Consulted



- Tumor of origin**
- Liver
- Consultation**
- 3-phase abdominal CT scan

3-phase abdominal CT scan



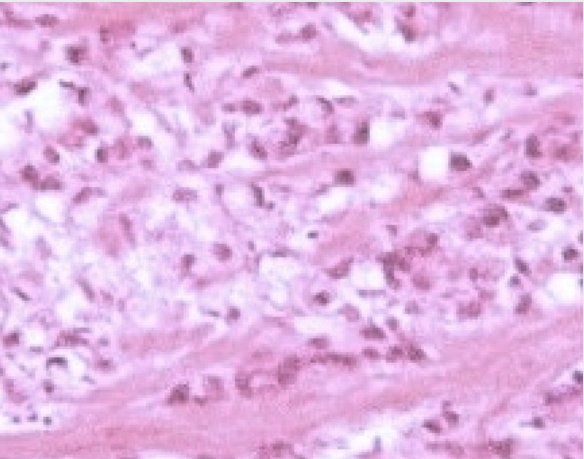
- Results**
- No lesions detected in the liver.
 - A mass in the pyloric antrum with associated perilesional fat infiltration suggestive of malignancy; Lymph nodes were suspected of being malignant.
- ➔ Gastroscopy

Gastroscopy



- Result**
- Suspected antrum lesions causing pyloric stenosis.
- ➔ Biopsy

Biopsy Result



- Results**
- Poorly differentiated signet ring cell adenocarcinoma with lymph node metastasis.

Conclusion

True positive ctDNA signals with gastric cancer, stage IIIA.

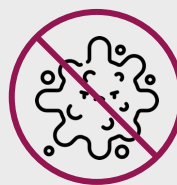
K3202



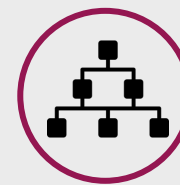
Female



Age



No prior cancer

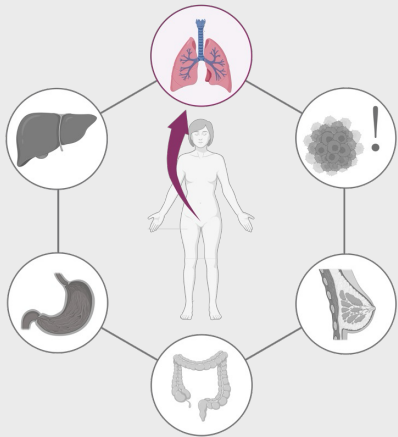


Family history of cancer



Asymptomatic

Cancer Signal Detected



Result Consulted



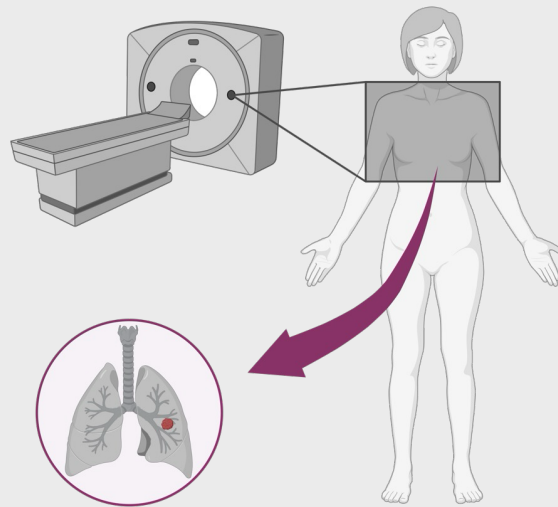
Tumor of origin

- Lung

Consultation

- Chest CT scan with contrast

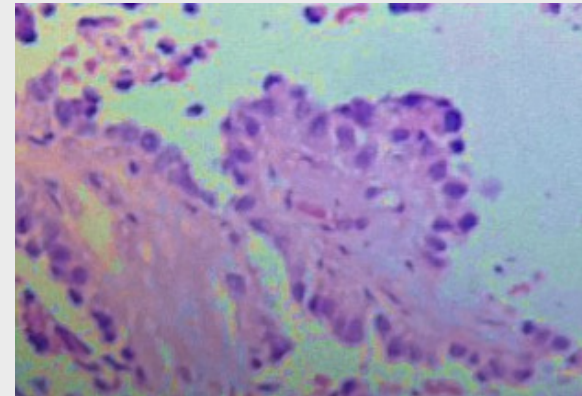
Chest CT scan with contrast



Results

- Lesions suspected of left lung cancer, D#4.6cm.
 - Lymph nodes were suspected of being malignant.
- ➔ Endoscopic biopsy

Biopsy Result



Results

- Lung adenocarcinoma with lymph node metastasis.

Conclusion

True positive ctDNA signals with lung cancer, stage IIB.

K3404



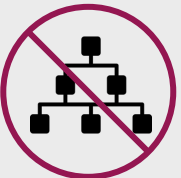
Female



Age



No prior cancer

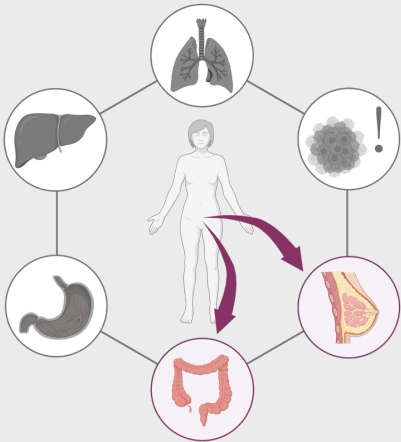


No family history of cancer



Asymptomatic

Cancer Signal Detected



Result Consulted



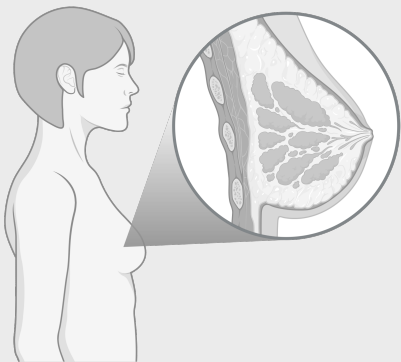
Tumor of origin

- Breast, colorectum

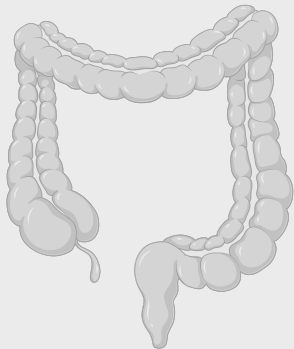
Consultation

- Breast ultrasound + mammography
- Colonoscopy
- Whole-body CT scan (self-opted)

Breast ultrasound + mammography



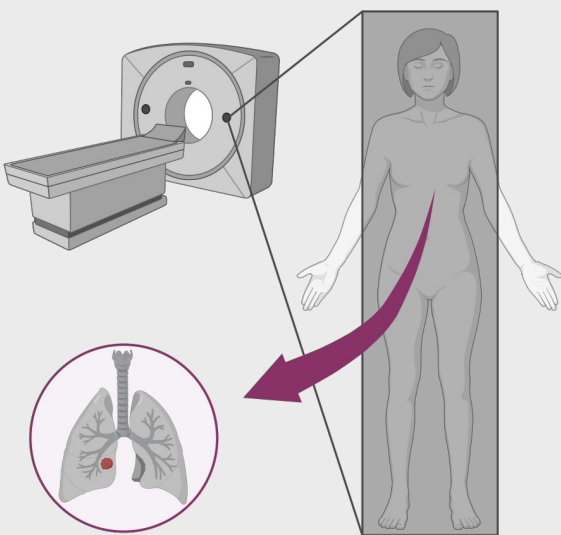
Colonoscopy



Results

- No lesions detected in the breast.
- No lesions detected in the colorectum.

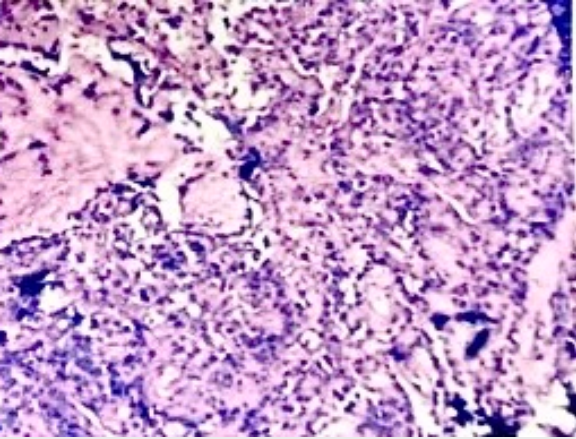
Whole-body CT scan



Results

- Lesions suspected of right lung cancer, D#7.3cm.
 - Lymph nodes were suspected of being malignant.
- ➔ Endoscopic biopsy

Biopsy Result



Results

- Lung adenocarcinoma with lymph node metastasis.

Conclusion

True positive ctDNA signals with lung cancer, stage IIIA.

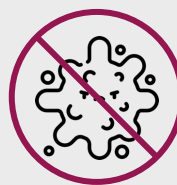
K6642



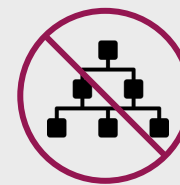
Female



Age



No prior cancer

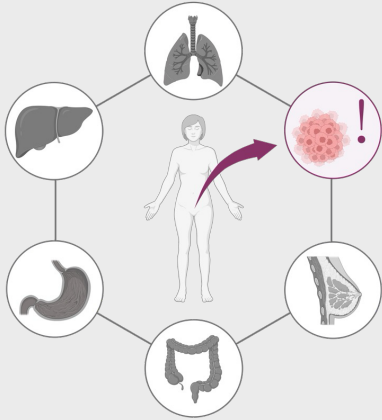


No family history of cancer



Asymptomatic

Cancer Signal Detected



Result Consulted



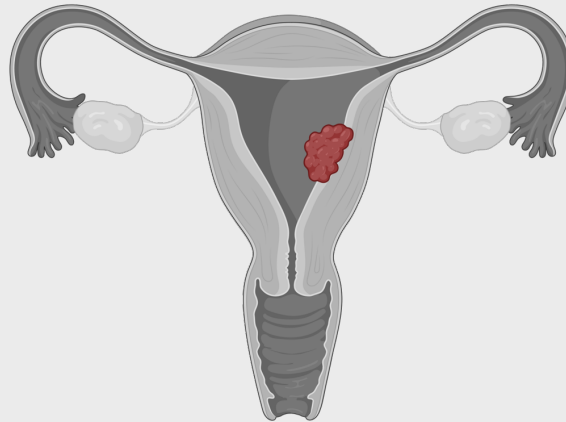
Tumor of origin

- Unclassified

Consultation

- Whole-body CT scan
- PAP smear + transvaginal ultrasound due to vaginal discharge during the diagnostic visit.

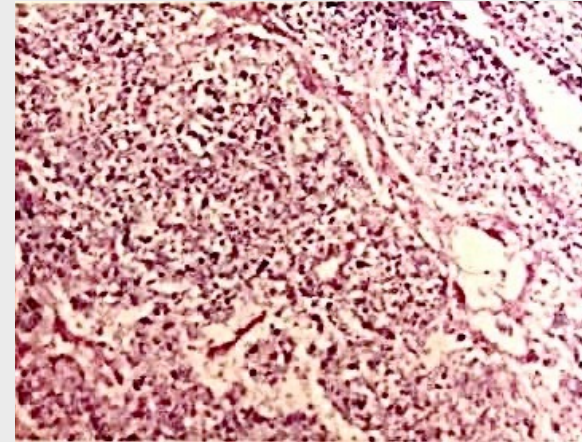
Transvaginal ultrasound



Result:

- The lining thickness of endometrium was about 0.6cm and a mixed structure sized of 1.5x3cm in the uterine.
- Endometrial curettage was performed.

Biopsy Result



Result

- The veins are hyperplastic and the endothelial cells are enlarged. The lymph node capsule and septa are thick and infiltrated with lymphocytes and plasma cells.
- Moderately differentiated endometrial adenocarcinoma, grade 2, with invasion into the outer half of the myometrium, vascular and lymphatic invasion.
- No tumor cells in the lymph nodes.

Conclusion

True positive ctDNA signals with endometrial cancer, stage IB

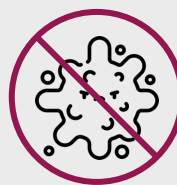
K0582



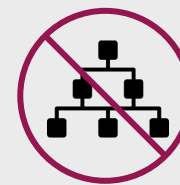
Female



Age



No prior cancer

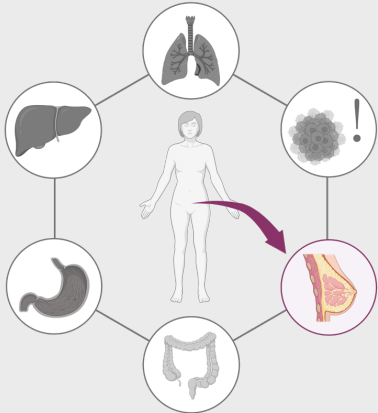


No family history of cancer



Asymptomatic

Cancer Signal Detected



Result Consulted



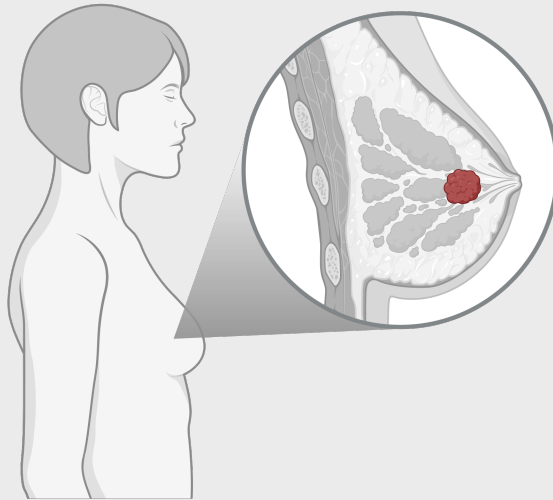
Tumor of origin

- Breast

Consultation

- Breast ultrasound + mammography

Breast ultrasound + mammography

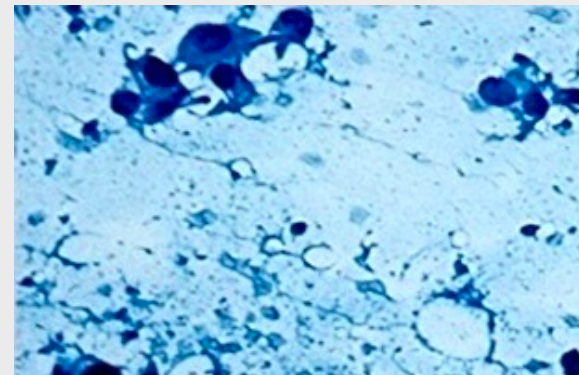
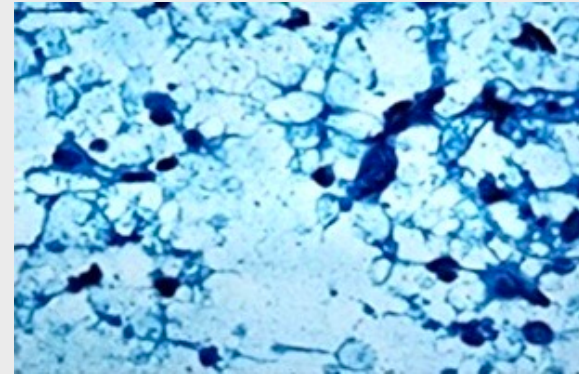


Result

- Right breast had poor echogenicity, D#4.6cm, clearly circumscribed, small multi-arc border, many calcifications, no increased blood perfusion.

➔ Core biopsy

Biopsy Result



Result

- Ductal mammary carcinoma.

Conclusion

True positive ctDNA signals with breast cancer, stage IIA.

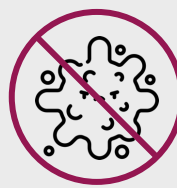
K0339



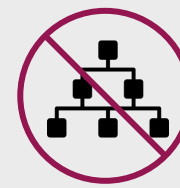
Male



Age



No prior cancer

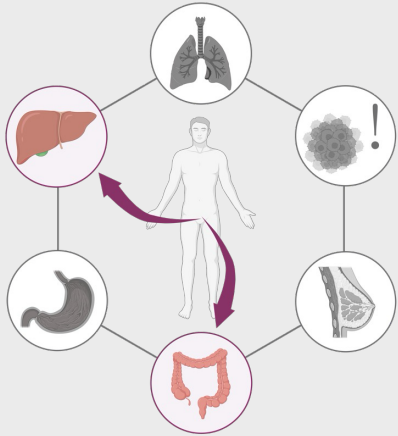


No family history of cancer



Asymptomatic

Cancer Signal Detected



Result Consulted



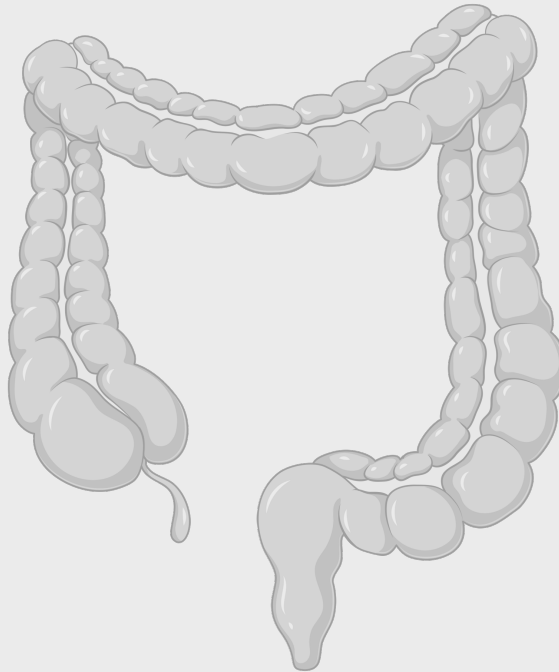
Tumor of origin

- Liver, colorectum

Consultation

- 3-phase abdominal CT scan
- Colonoscopy

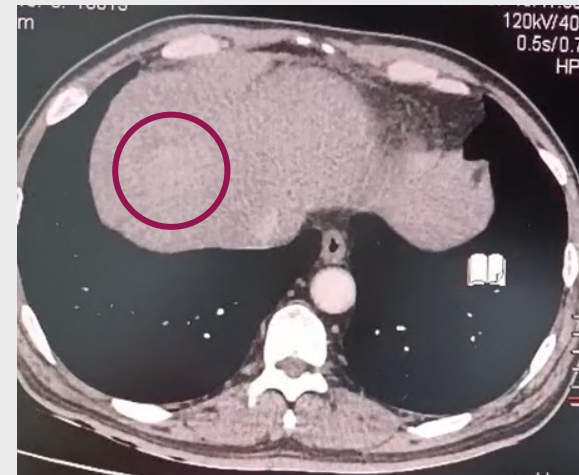
Colonoscopy



Result

- No lesions detected in the colorectum.

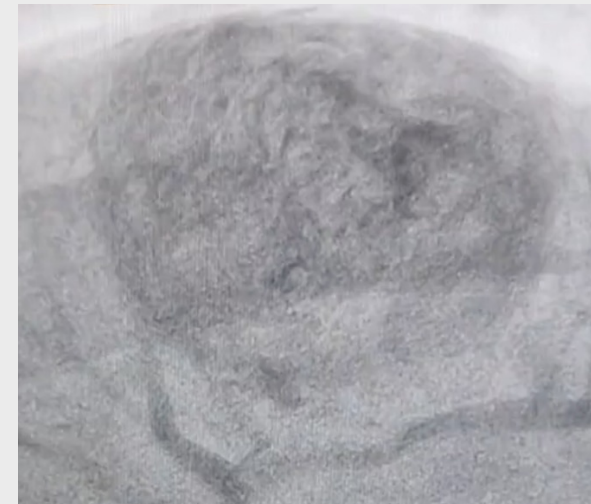
3-phase abdominal CT Scan



Result

- Lesion occupying subsegment VIII, D#3.2x3.8cm, well-circumscribed, irregular margins, low and intermediate attenuation, moderate contrast enhancement, arterial phase inhomogeneity, mild post-phase washout, had a capsule border with late contrast enhancement, consistent with hepatocellular carcinoma - HCC.

TACE + RFA Treatment



Results

- Liver tumor after TACE, completely absorbed lipiodol.

Conclusion

True positive ctDNA signals with hepatocellular carcinoma, stage IB.

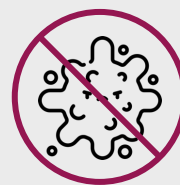
K9023



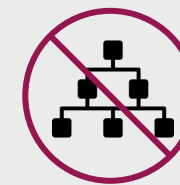
Female



Age



No prior cancer

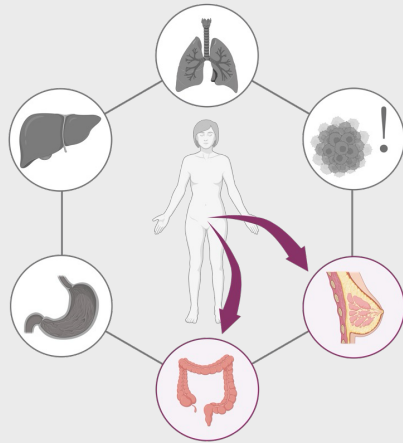


No family history of cancer



Asymptomatic

Cancer Signal Detected



Result Consulted



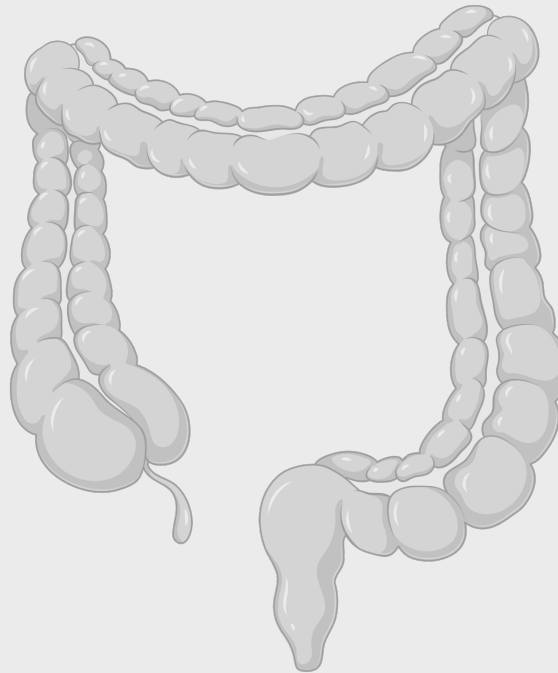
Tumor of origin

- Breast, colorectum

Consultation

- Breast ultrasound + mammography
- Colonoscopy

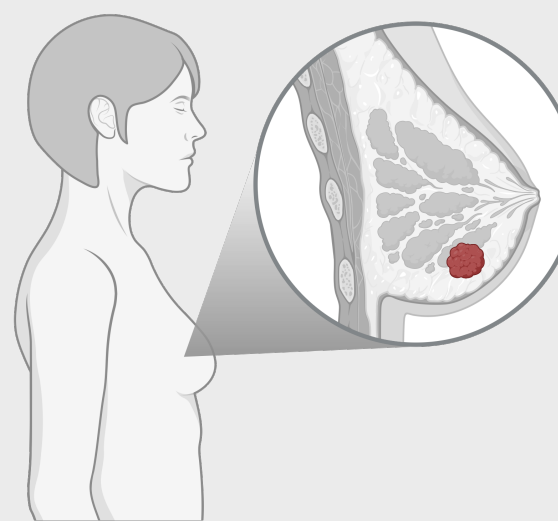
Colonoscopy



Result

- No lesions detected in the colorectum.

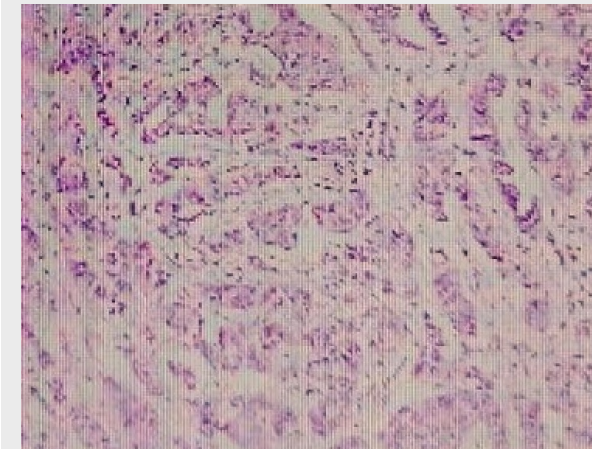
Breast ultrasound + mammography



Results

- Right breast had poor echogenicity D#3.3cm, suspected of malignancy.
- ➔ Core biopsy

Biopsy Result



Results

- Breast adenocarcinoma.

Conclusion

True positive ctDNA signals with breast cancer, stage IIA.

K9024



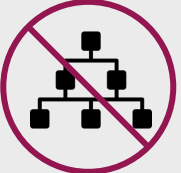
Female



Age



No prior cancer

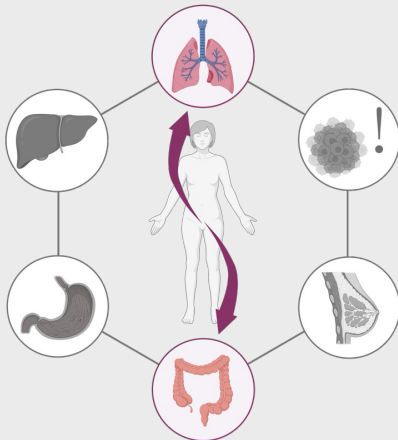


No family history of cancer



Asymptomatic

Cancer Signal Detected

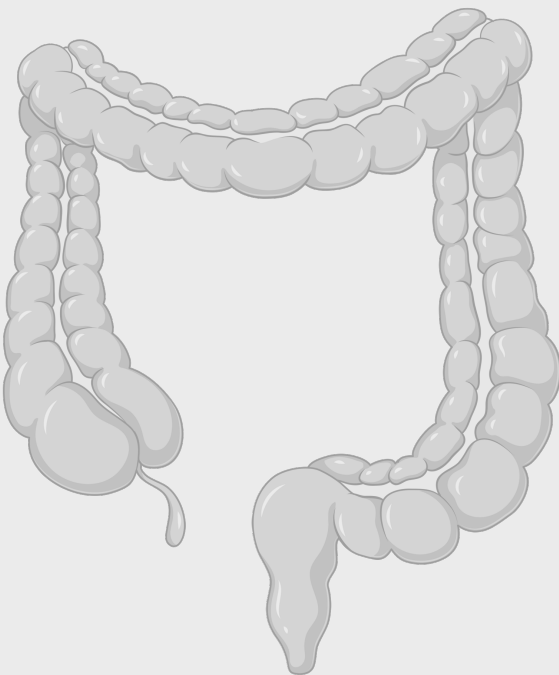


Result Consulted



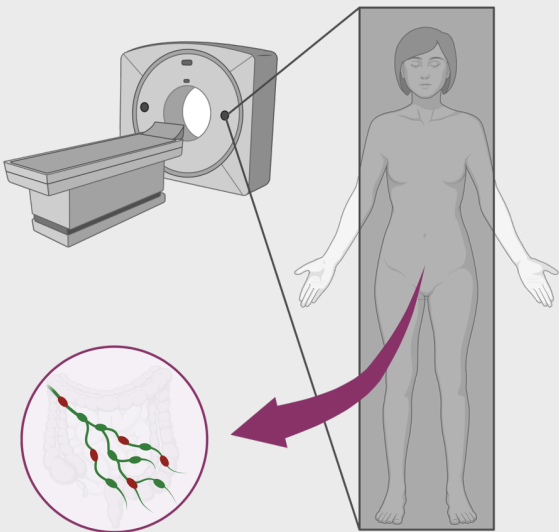
- Tumor of origin**
- Colorectum, lung
- Consultation**
- Colonoscopy
 - Whole-body CT scan (self-opted)

Colonoscopy



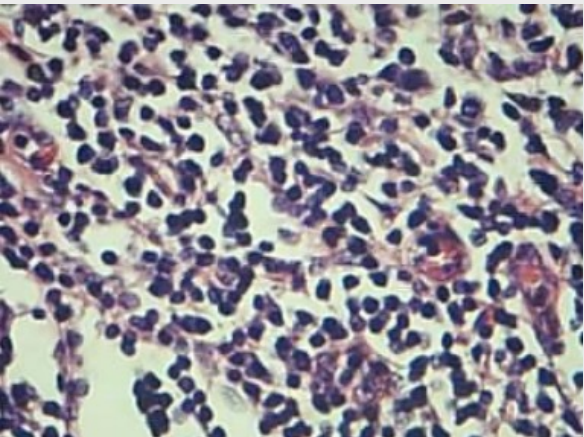
- Result**
- No lesions detected in the colorectum.

Whole-body CT scan



- Result**
- Multiple lymph nodes along the mesenteric vascular bundle, D#3cm, suspected of malignancy, suspected of lymphoma.
- ➔ Biopsy by laparoscopy

Biopsy Result



- Result**
- Jejunal mesenteric lymphoma (Follicular lymphoma, grade 1).

Conclusion

True positive ctDNA signals with follicular lymphoma, stage II.

K2409



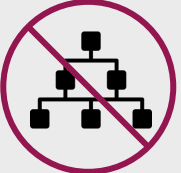
Male



Age



No prior cancer

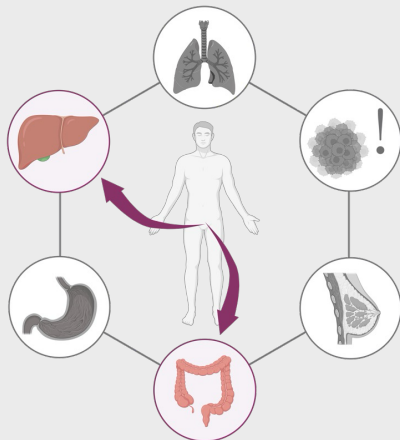


No family history of cancer



Asymptomatic

Cancer Signal Detected

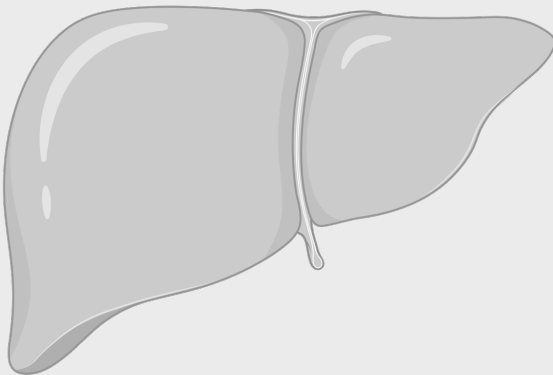


Result Consulted



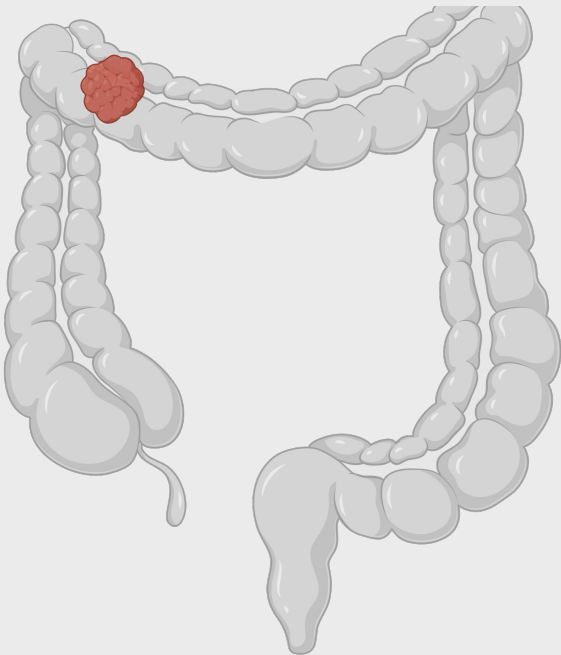
- Tumor of origin**
- Colorectum, liver
- Consultation**
- Colonoscopy
 - 3-phase abdominal CT scan

3-phase abdominal CT scan



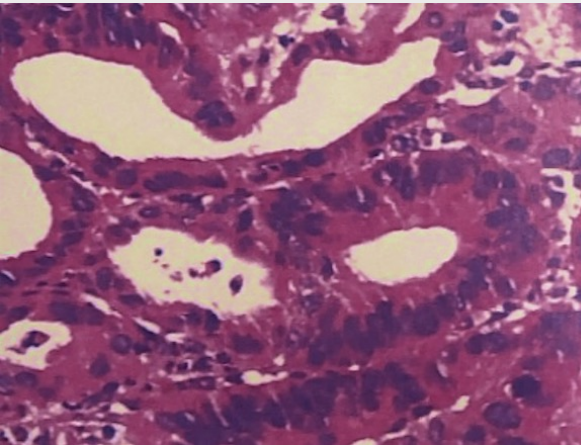
- Results**
- No lesions detected in the liver.

Colonoscopy



- Results**
- Transverse colon, near the hepatic flexure: a rough tumor, causing narrowing of the colon, suspected of malignancy.
- ➔ Biopsy

Biopsy Result



- Results**
- Colon adenocarcinoma.

Conclusion

True positive ctDNA signals with colon cancer, stage IIB.

K4101



Female

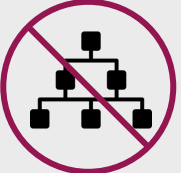


45

Age



No prior cancer

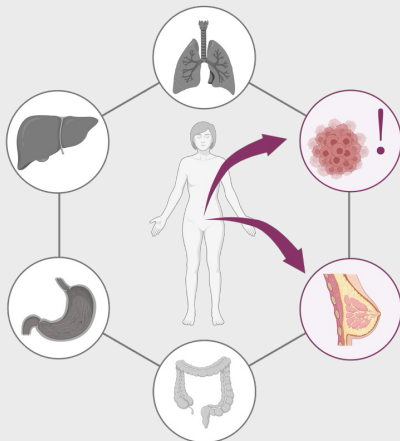


No family history of cancer



Asymptomatic

Cancer Signal Detected



Result Consulted



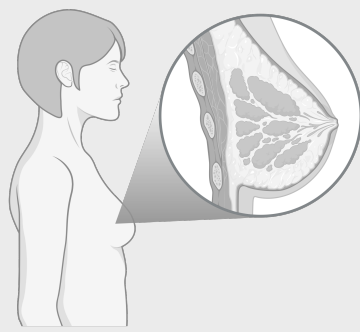
Tumor of origin

- Breast, unclassified

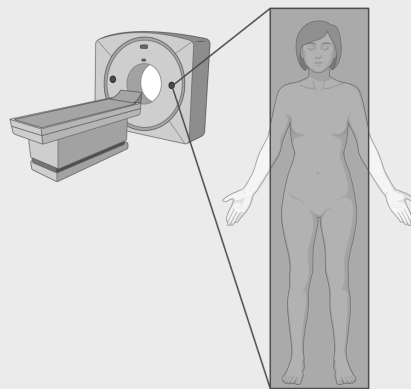
Consultation

- Breast ultrasound + mammography
- Whole-body CT scan
- PAP smear + transvaginal ultrasound due to vaginal discharge during the diagnostic visit.

Breast ultrasound + mammography



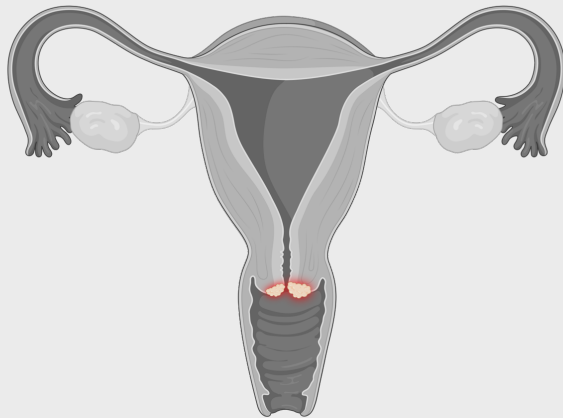
Whole-body CT scan



Results

- No lesions detected.

PAP smear + transvaginal ultrasound

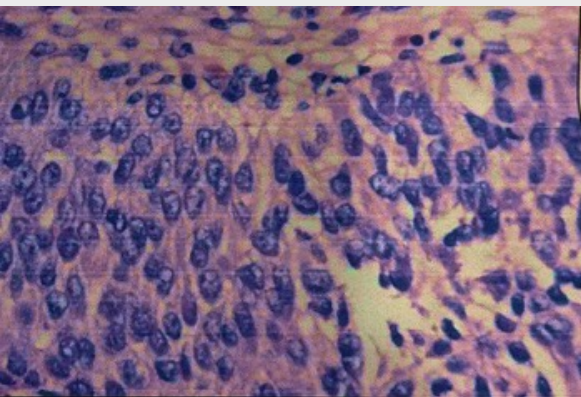


Results

- PAP: CIN - Cervical Intraepithelial Neoplasia 1

➔ LEEP - Loop Electrosurgical Excision Procedure

Biopsy Result



Results

- Non-keratinizing squamous cell carcinoma.

Conclusion

True positive ctDNA signals with cervical cancer, stage IA.

K9012



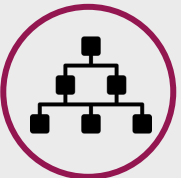
Female



Age



No prior cancer

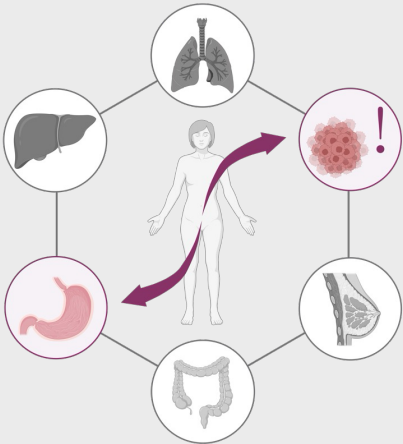


Family history of cancer



Asymptomatic

Cancer Signal Detected

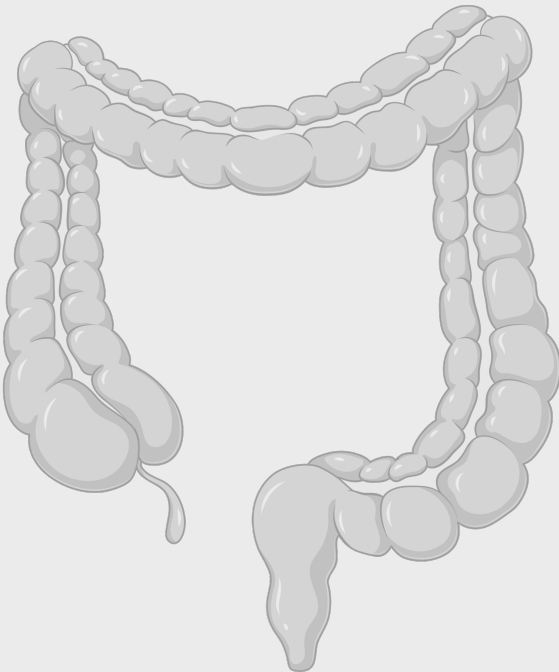


Result Consulted



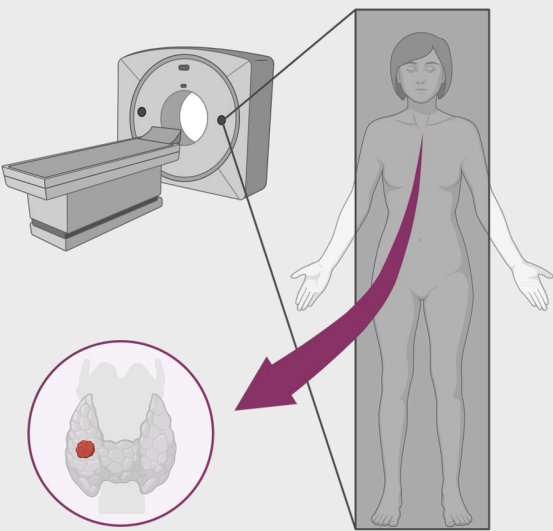
- Tumor of origin**
- Gastric, unclassified
- Consultation**
- Gastroscopy
 - Whole-body CT scan

Gastroscopy



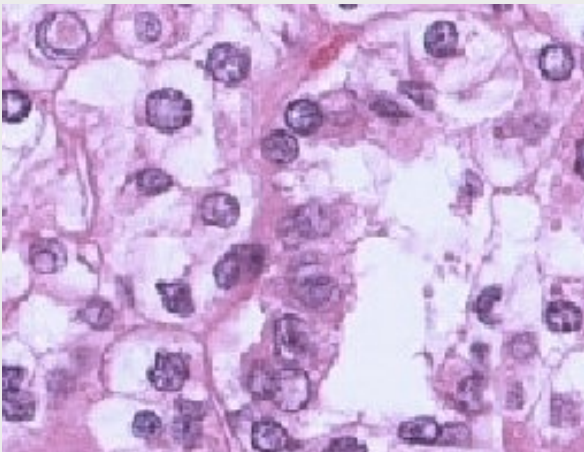
- Results**
- No lesions detected in the gastric.

Whole-body CT scan



- Results**
- Lesions suspected of thyroid cancer, D#1.5cm.
- ➔ Biopsy

Biopsy Result



- Results**
- Papillary thyroid carcinoma.

Conclusion

True positive ctDNA signals with thyroid cancer, stage I.

K6582



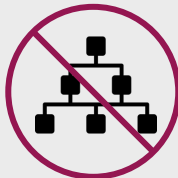
Female



Age



No prior cancer

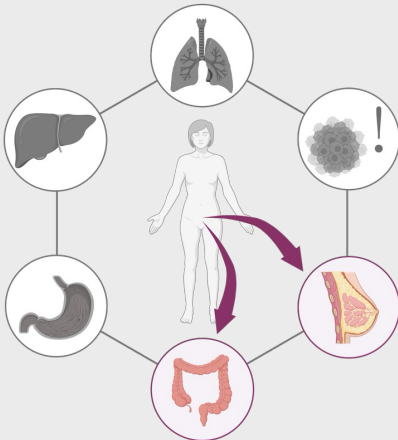


No family history of cancer



Asymptomatic

Cancer Signal Detected

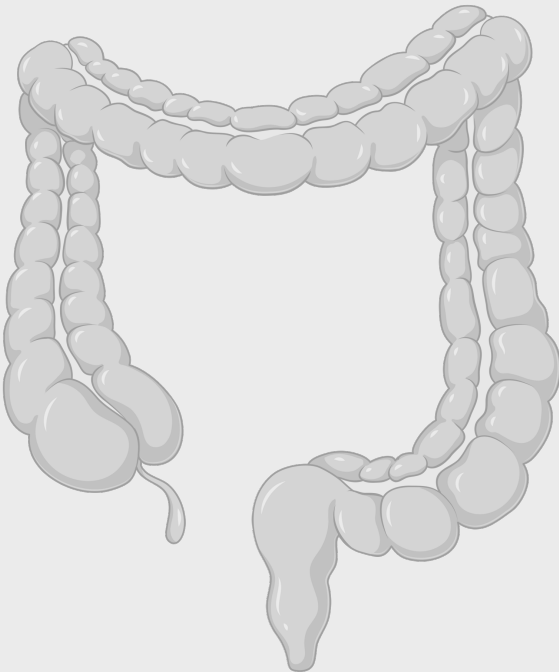


Result Consulted



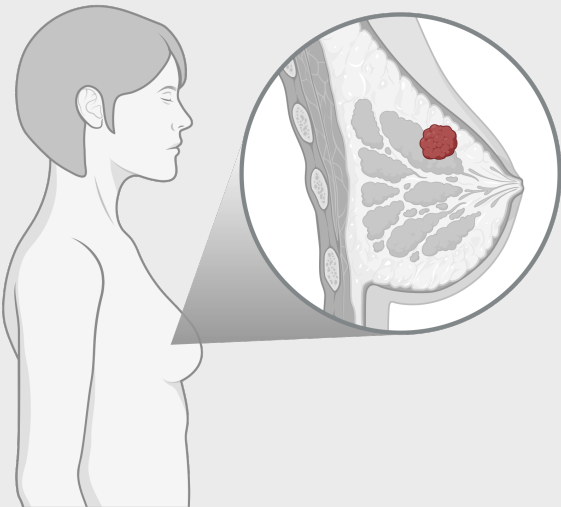
- Tumor of origin**
- Breast, colorectum
- Consultation**
- Breast ultrasound + mammography
 - Colonoscopy

Colonoscopy



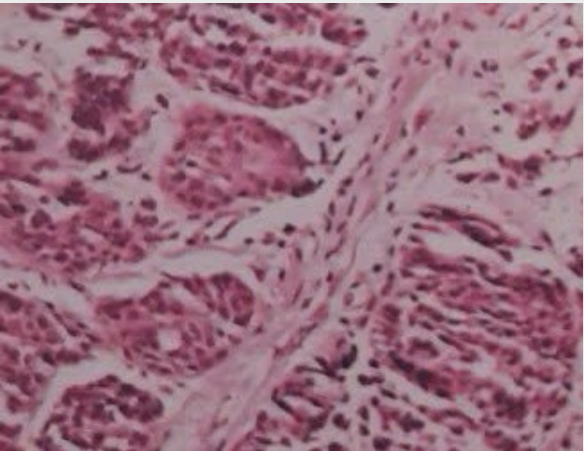
- Results**
- No lesions detected in the colorectum.

Breast ultrasound + mammography



- Results**
- Left breast had poor echogenicity D#1.8cm, suspected of malignancy.
- ➔ Core biopsy

Biopsy Result



- Results**
- Breast adenocarcinoma.

Conclusion

True positive ctDNA signals with breast cancer, stage IA.