

Information is Power Family History Classification-Updated March 24, 2021

Strong	Not Strong/Some	No Relevant Family History
<p>Personal or family (1<sup>st</sup> or 2<sup>nd</sup> degree) history of</p> <p>Breast cancer ≤45  Breast cancer 45-50 w/ another breast cancer  Triple neg breast cancer ≤60  Ovarian cancer  Pancreatic cancer  Metastatic prostate cancer  Colon cancer &lt;50  Other GI cancer &lt;50  Uterine cancer &lt;50  Brain cancer &lt;20  Kidney &lt;50  Eye cancer</p> <p>High suspicion of cancer syndrome  -3+ Lynch-related on same side of family  -Breast cancer 46-50 with another breast at any age  -2+ kidney 50+ on same side  -sarcoma &lt;45 plus other</p> <div data-bbox="90 1128 686 1435" style="border: 1px dashed black; padding: 10px; margin-top: 20px;"> <p><i>Call patient if personal history of:</i></p> <p><i>Breast cancer &lt;45</i>  <i>Ovarian cancer</i>  <i>Breast and ovarian cancer</i>  <i>Colon cancer &lt;49</i>  <i>Uterine cancer &lt;49</i>  <i>Known familial mutation</i></p> </div>	<p>Presence of these cancers (in 1<sup>st</sup> or 2<sup>nd</sup>), not strong</p> <p>Breast cancer  Uterine cancer  Colon cancer  Non-metastatic Prostate cancer  Sarcoma  Other GI cancer  Kidney  Brain  Leukemia  Melanoma</p> <p>3<sup>rd</sup> who would meet strong</p>	<p>Lack of “strong” or “not strong” criteria</p> <p>Lymphoma/myeloma  Liver cancer  Bladder cancer  Thyroid cancer  Lung cancer  Oral cancer  Cervical cancer  Testicular cancer  Skin cancer (basal or squamous included)</p>

## Information is Power Cancer Syndrome Appendix

<p>High Cancer Syndrome Suspicion if they mention:</p> <ul style="list-style-type: none"> <li>• Adrenocortical tumor</li> <li>• Rhabdomyoma</li> <li>• Male breast cancer</li> <li>• Pheochromocytoma/paraganglioma</li> <li>• Hemangioblastoma</li> <li>• Sertoli cell tumor</li> <li>• Wilms tumor</li> <li>• 10+ polyps</li> </ul>	<p>Lynch syndrome (NCCN)</p> <ul style="list-style-type: none"> <li>• Cancers: colon, endometrial, ovarian, stomach, sebaceous adenoma, urinary tract, small bowel, brain, pancreas, prostate, hepatobiliary</li> <li>• Personal history 2+ Lynch cancers</li> <li>• Personal colon/endometrial + 1° or 2° relative with LS-related &lt;50</li> </ul>
<p>HBOC (NCCN)</p> <ul style="list-style-type: none"> <li>• Cancers: breast, ovarian, prostate, pancreatic</li> <li>• 2 primary breast cancers</li> <li>• More than one 1° or 2° relative with breast cancer + breast cancer &lt;50 or other HBOC cancer</li> </ul>	<p>MEN1 (GeneReviews)</p> <ul style="list-style-type: none"> <li>• Tumors: parathyroid, pituitary, gastro-entero-pancreatic tract</li> <li>• At least one 1° relative with at least one of the tumors</li> </ul>
<p>MEN2 (GeneReviews)</p> <ul style="list-style-type: none"> <li>• Tumors: Medullary thyroid carcinoma, pheochromocytoma, parathyroid adenoma</li> <li>• 2+ tumors in single person or 1° and 2° relatives</li> </ul>	<p>Gorlin syndrome (ACMG)</p> <ul style="list-style-type: none"> <li>• 5+ BCC &lt;30</li> <li>• BCC &lt;30 + 1° relative with 5+ BCC &lt;30</li> </ul>
<p>Cowden/PTEN (NCCN)</p> <ul style="list-style-type: none"> <li>• Cancers: breast, endometrial, thyroid, colon, renal cell carcinoma</li> <li>• Relative with diagnosis + breast, endometrial, thyroid</li> </ul>	<p>FAMMM (ACMG)</p> <ul style="list-style-type: none"> <li>• 3+ relatives with melanoma and/or pancreatic cancer</li> <li>• 3+ primary melanoma in same person</li> <li>• Melanoma and pancreatic cancer in one person</li> </ul>
<p>Familial Adenomatous Polyposis (NCCN)</p> <ul style="list-style-type: none"> <li>• Desmoid tumor, hepatoblastoma, cribriform thyroid cancer</li> </ul>	<p>Xeroderma Pigmentosa (GeneReviews)</p> <ul style="list-style-type: none"> <li>• Skin cancer &lt;10</li> </ul>
<p>Li-Fraumeni (NCCN)</p> <ul style="list-style-type: none"> <li>• Cancers: breast, brain, sarcoma, osteosarcoma, adrenocortical carcinoma, leukemia</li> <li>• 1° relative cancer &lt;45y + 1° or 2° with cancer &lt;45 or sarcoma</li> </ul>	<p>BAP1 (GeneReviews)</p> <ul style="list-style-type: none"> <li>• Cancers: uveal melanoma, mesothelioma, melanoma, renal cell carcinoma, BCC</li> <li>• 2+ BAP1 cancers</li> <li>• Personal history + 1 BAP1 tumor in 1° or 2° relative</li> </ul>
<p>Peutz-Jeghers</p> <ul style="list-style-type: none"> <li>• Cancers: breast, colon, stomach, pancreatic, lung, ovarian and tests (sex cord/Sertoli cell tumors), testes</li> <li>• Criteria: 2+ PJS hamartomatous GI polyps + family history</li> </ul>	<p>Hereditary leiomyomatosis and renal cell cancer (ACMG)</p> <ul style="list-style-type: none"> <li>• Leiomyoma + renal cell carcinoma</li> </ul>