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| **Razlog napotitve** | **Izbran panel genov**  |
| **Sindrom dednega raka dojk in jajčnikov**  | *ATM, BRCA1, BRCA1\_5UTR, BRCA2, BRCA2\_5UTR, BRIP1, CDH1, CHEK2, EPCAM, MLH1, MSH2, MSH6, NF1, NBN, PALB2, PMS2, PTEN, RAD51C, RAD51D, STK11, TP53 .* |
| **Sindrom Lynch** | *APC, BMPR1A, CHEK2, EPCAM, GALNT12, MLH1, MSH2, MSH3, MSH6, MUTYH, NTHL1, POLD1, POLE, PMS2, PTEN, SMAD4, STK11, TP53 .* |
| **Sindrom Li-Fraumeni** | *TP53* . |
| **Sindrom Cowden** | *PTEN* . |
| **Sindrom Peutz-Jeghers** | *STK11* . |
| **Dedni difuzni rak želodca**  | *CDH1* . |
| **Družinska adenomatozna polipoza MUTYH-vezana polipoza ;Polipoza**  | *APC, BMPR1A, CHEK2, EPCAM, MLH1, MSH2, MSH3, MSH6, MUTYH, NTHL1, POLD1, POLE, PMS2, PTEN, SMAD4, STK11, TP53, GALNT12 .* |
| **Juvenilna polipoza**  | *BMPR1A, SMAD4 .* |
| **Maligni melanom** | *CDKN2A, CDK4, BRCA2, BRCA2\_5UTR, MITF, TERT, BAP1*  |
| **Sindrom von Hippel-Lindau** | *VHL* . |
| **Nevrofibromatoza/švanomatoza** | *LZTR1, NF1, NF2, SMARCB1*  |
| **Rak ledvic** | *BAP1, CDC73, FH, FLCN, MET, SDHA, SDHB, SDHC, SDHD, SDHAF2, VHL, TSC1, TSC2*  |
| **Feokromocitom/paragangliom** | *NF1, FH, SDHA, SDHB, SDHC, SDHD, SDHAF2, VHL, MAX, TMEM127, RET*  |
| **Rak prostate** | *ATM, BRCA1, BRCA1\_5UTR, BRCA2, BRCA2\_5UTR, CHEK2, EPCAM, HOXB13, MLH1, MSH2, MSH6, NBN, PALB2, PMS2, RAD51D, TP53* |
| **Primarni hiperparatioridizem** | *CASR, CDC73, CDKN1B, MEN1, RET*  |
| **Rak ščitnice** |  *APC, CHEK2, DICER1, PRKAR1A, PTEN, RET, TP53* |
| **Rak trebušne slinavke -**  | *ATM*, *BRCA1, BRCA1\_5UTR, BRCA2, BRCA2\_5UTR*, *CDKN2A*, *MLH1*, *MSH2*, *MSH6*, *PALB2*, *PMS2*, *SPINK1*, *STK11*, *TP53*  |
| **Multipli primarni tumorji** | *APC, ATM, BAP1, BARD1, BMPR1A, BRCA1, BRCA2, BRIP1, CDH1, CDK4, CDKN2A, CHEK2, EPCAM, FH, FLCN, GALNT12, HOXB13, LZTR1, MEN1, MET, MITF, MLH1, MSH2, MSH3, MSH6, MUTYH, NBN, NF1, NF2, NTHL1, PALB2, PMS2, POLD1, POLE, PTEN, RAD51c, RAD51D, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, SMAD4, SMARCB1, SPINK1, STK11, TERT, TMEM127, TP53, TSC1, TSC2, VHL, RB1, WT1*  |
| **Sindrom Gorlin** | *PTCH1, SUFU* |
| **MEN** | *MEN1, RET, CDKN1B* |
| **Tuberozna skleroza** | *TSC1, TSC2* |