

TABLE 4

**SURGERIES FOR THE PREVENTION OF CANCER**

| Genetic Mutation                         | Cancer                                  | Technique  | Removes  |
|--|---|--|--|
| <i>APC</i>                               | Colon cancer                            | Colectomy  | Colon/large intestine  |
| <i>BRCA1</i> or <i>BRCA2</i>             | Breast and ovarian cancers              | Mastectomy and salpingo-oophorectomy               | Breasts, and ovaries and fallopian tubes                       |
| <i>CDH1</i>                              | Breast and stomach cancers              | Mastectomy and gastrectomy                         | Breast and stomach   |
| Mutations associated with Lynch syndrome | Colon, endometrial, and ovarian cancers | Colectomy, hysterectomy, and salpingo-oophorectomy | Colon/large intestine, uterus, and ovaries and fallopian tubes |
| <i>RET</i>                               | Medullary thyroid cancer                | Thyroidectomy                                      | Thyroid  |

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