

**SUPPLEMENTAL TABLE 3**

**SURGICAL AND RADIOTHERAPY TREATMENTS FOR CANCER**

| SURGICAL TREATMENTS   |   |
|---|---|
| Used to Treat   | Procedure   |
| breast cancer   | Mastectomy  |
| breast cancer   | Lumpectomy  |
| testicular cancer   | Orchiectomy   |
| multiple head, neck, and chest cancers  | Video-assisted thoroscopic surgery (VATS)   |
| variety of abdominal cancers  | Laparoscopic surgery  |
| sarcoma and other cancers   | Reconstructive and limb-sparing surgeries   |
| kidney cancer   | Partial nephrectomy   |
| pancreatic cancer   | The Whipple/modified Whipple procedure  |
| stomach-sparing pancreatic surgery for pancreatic cancer                                      | Pancreatoduodenectomy   |
| rectal cancer   | Total mesorectal excision   |
| prostate cancer   | Nerve-sparing prostatectomy   |
| rectal cancer   | Transanal endoscopic microsurgery (TEM)   |
| testicular cancer   | Modified retroperitoneal lymph node dissection  |
| breast, melanoma, and colorectal cancer   | Sentinel lymph node biopsies  |
| breast cancer, laryngeal cancer, and anal/rectal cancer                                       | Neoadjuvant chemotherapy  |
| multiple cancers  | Robotic or computer-assisted surgeries  |
| RADIOTHERAPY TREATMENTS   |   |
| Used to Treat   | Procedure   |
| prostate, cervical, and other cancers   | Brachytherapy   |
| multiple cancers  | Image-guided radiation therapy (IGRT)   |
| multiple cancers  | Intensity modulated radiation therapy (IMRT)  |
| brain metastases  | Stereotactic radiosurgery   |
| liver and lung cancers  | Stereotactic body radiation therapy   |
| multiple cancers  | Neoadjuvant and adjuvant radiotherapy combined with radiation therapy                         |
| head and neck cancers   | Radiation therapy combined with molecularly targeted therapy (cetuximab)                      |
| prostate cancer   | Radiation therapy combined with androgen deprivation  |
| prostate cancer   | Adjuvant radiotherapy   |
| pediatric cancers   | Proton therapy  |
| inoperable glioblastoma, lung cancer, head and neck cancer, esophagus cancer, pancreas cancer | Concurrent chemotherapy and radiation therapy   |
| anal cancer, head and neck cancer   | Radiation with chemotherapy can produce cure with organ preservation                          |
| breast cancer   | Radiation and surgery (with or without chemotherapy) can produce cure with organ preservation |