Cancer-related anorexia-cachexia syndrome (CACS) is an under-recognized component of accelerated mortality and morbidity in patients with advanced cancer. The lack of desire to eat also can create tension and conflict between patients and their families. Advanced practice nurses play a vital role in ensuring early assessment and interventions for patients with CACS.

Mrs. T was a 60-year-old gravida 2, para 2 Caucasian patient with stage IIIC endometrial cancer who presented for her fifth cycle of paclitaxel and carboplatin chemotherapy. She was ambulating with a walker because of unsteady gait and reported nausea, fatigue, weakness, and decreased appetite. Mrs. T had occasional heart palpitations and reported dizziness and lightheadedness. She said that her sisters and husband were distressed and sometimes angry over her loss of appetite and desire to eat. Mrs. T feels guilty when she has difficulty or inability to eat food they have prepared for her. She has lost 6.6 kg since her last visit four weeks ago.

Mrs. T presented to her local hospital in May 2009 with complaints of weakness, decreased appetite, and right-side abdominal pain for three weeks. Computed tomography scan of her chest, abdomen, and pelvis revealed abnormal bilateral mediastinum and hilar nodes. Parenchymal, pre-, and infracervical nodes; significant abdominal ascites; peritoneal caking with metastasis to the ovaries, omentum, colon, terminal ileum mesentry, and appendix mesentry. Mrs. T was prescribed six cycles of carboplatin at 175 mg/m^2 and an area under the curve of 6. Review of symptoms was negative, except for as stated previously.

In the past, Mrs. T had been diagnosed with metastatic endometrial cancer, diabetes mellitus type II, and open reduction and internal fixation of the left hip and ankle in 1983 after a motor vehicle accident. Her current medications included hydrochlorothiazide and triamterene, oxycodone and acetaminophen, docusate sodium, senna, pegfilgrastim, aprepitant, lorazepam, a multivitamin, metoprolol succinate ER, and promethazine. She had no known drug or food allergies. She has been a walker because of unsteady gait and accidents.

Surgical pathology report noted International Federation of Gynecology and Obstetrics grade 3, stage IIIC, undifferentiated endometrial adenocarcinoma with metastasis to the ovaries, omentum, colon, terminal ileum mesentry, and appendix mesentry. Mrs. T was referred for evaluation and treatment.

Mrs. T had exploratory laparotomy, total abdominal hysterectomy, bilateral salpingo-oophorectomy, omentectomy, appendectomy, posterior enterotomy, anterior resection of the rectosigmoid with primary anastomosis, and left pelvic lymph node dissection. Surgical pathology report noted International Federation of Gynecology and Obstetrics grade 3, stage IIIC, undifferentiated endometrial adenocarcinoma with metastasis to the ovaries, omentum, colon, terminal ileum mesentry, and appendix mesentry. Review of symptoms was negative, except for as stated previously.

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Mrs. T was on disability for inability to perform job duties because of frailty at the time of study. She previously had smoked 0.25 packs of cigarettes a day for two years but quit in 1970. She occasionally consumed alcohol and denied recreational drug use. She lived in a two-story private home with her husband of 42 years. She had two adult children who no longer lived at home.

Mrs. T exhibited no signs of acute distress. She was awake, alert, oriented, and cooperative, and her speech was clear and appropriate. She had moist and pink lips and oral mucosa, healthy gums, and a normal palate. Her posterior pharynx appeared normal. Mrs. T's respiration rate was normal as well, with no wheezing. Her lungs were clear bilaterally. Her heart rate and rhythm were regular with no extra sounds, and no heart murmur was appreciated. Her abdomen was symmetric with no visible herniations. Her abdomen was warm and healthy, and a midline scar had healed. She had positive bowel sounds. Her abdomen was scaphoid, soft, nontender, and nondistended, with no palpable abdominal masses or hepatosplenomegaly. Mrs. T's external genitalia were normal, with no discharge at introitus. Her urethral meatus was normal. Blood was not noted in her vaginal vault. Her cervix, uterus, and adnexa were surgically absent. Bimanual examination revealed no palpable masses or tenderness. She had no visible or palpable cervical, supraclavicular, subclavicular, or axillary lymphadenopathy.