



Care of the Cholangiocarcinoma Patient

Clinical Practice Guideline:

CARE OF THE PATIENT RECEIVING PROTONS ON A CLINICAL TRIAL

GOALS/OUTCOMES:

Patient will verbalize and/or demonstrate outcomes below:

1. Understanding of the meaning and process of being treated on a clinical trial
2. Understanding of the proton radiation treatment process including treatment field, number of treatments, treatment positioning, length of treatment, and possible side effects.
3. Maintenance of nutrition including importance of protein intake, maintenance of high calorie diet and nutrition counselling.
4. Understanding and managing of nausea through use of anti-emetics with nausea onset, and/or premedication prior to radiation.
5. Understanding the importance of skin integrity through adhering to instructions for daily skin care, and understanding radiation dermatitis is expected to occur.
6. Energy conservation measures to minimize fatigue such as optimizing sleep at night, and pacing activities.
7. Signs and symptoms requiring the need for medical attention.

ASSESSMENT/INTERVENTIONS

A. Assessment findings with associated reference numbers and evidence based rating:

1. Documentation of patient/caregiver understanding of clinical trial participation including definition of experimental treatment, risks, benefits, appointment and imaging commitment, and choice to stop clinical trial at any time. 6,V-B
2. Documentation of patient's overall ability to tolerate proton radiation. 5,IV-A
3. Documentation of weekly weight and vital sign assignment, including weight loss and nutrition status, or referral to dietitian. 2,IV-A; 3,IV-A
4. Documentation of management of nausea or need for premedication prior to proton radiation, or alternative therapies such as acupuncture. 1,IV-A; 3, IV-A; 4,IV-A
5. Documentation of fatigue and ability to perform activities of daily living. Assessment of anemia. 1,IV-A; 3,IV-A; 5,IV-A
6. Documentation of psychosocial issue including anxiety, need for support, or referrals, or consideration of alternative therapies. 3,IV-A; 4,IV-A
7. Documentation of skin integrity in treatment field, current skin care regimen, and grading of radiation dermatitis. 5,IV-A; 7,IV-A

B. Interventions related to assessment findings above with associated reference numbers and evidence based rating:

1. Patient /caregiver education of proton radiation through discussion and use of institutional patient education materials. 5,IV-A
2. Patient/caregiver education of clinical trial through periodic review of informed consent and clinical trial treatment process as outlined by the institutional review board of the institution. 6,V-B
3. Discussion of dietary interventions through discussion and use of institutional patient nutrition handouts and weekly weight assessment. Referral to dietitian if needed. 2,IV-A; 3,IV-A
4. Assessment of nausea weekly or as needed with interventions focusing on prevention, such as premedication prior to treatment. Offer alternative therapies such as acupuncture. 1,IV-A; 3,IV-A
5. Assess for anemia, sleep patterns, activity level. Teach energy conservation measures. 1,IV-A; 3,IV-A; 5,IV-A
6. Offer anticipatory guidance, chaplaincy or social worker referral. Alternative therapies such as massage, acupuncture, or relaxation training. 3,IV-A; 4,IV-A
7. Review skin care including washing and recommendation of products improved by institution 5,IV-A; 7,IV-A



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