

Case Report 2

Case Report in Oncology Pharmacy

Adjuvant treatment of carcinoma of the sigmoid colon

Objectives:

1. Side effect profile of oxaliplatin
2. Supportive care at FOLFOX

► Literature

SmpC Eloxatin®, September 2004

SmPC Fluorouracil-GRY®, 2003

Guideline for colorectal carcinoma of the German Society for Digestive and Metabolic Diseases.

<http://www.uniduesseldorf.de/awmf/ll/021-007.htm>

Manual Gastrointestinal Tumors, Tumour Centre Munich, W. Zuckschwerdt Verlag, 7 Edition 2006

NCCN Clinical Practice Guidelines in Oncology, Antiemesis, as of 1/5/2007

► Author

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Patient EL, 48 years at the beginning of treatment, 169 cm, 76 kg, BSA 1.87 m²

Subjective data / comments (general description)

- a) The patient suffered from abdominal pain in 2005, also pain above the ileo-sacral joint and was often constipated. In May 2005, severe stomach cramps occurred in connection with cold sweats, which had been treated with Buscopan®, Lefax® and warmth. After that time she was without symptoms until September 2005. In September, the patient discovered blood in the stool. She was alarmed and visited her doctor.
- b) Tingling in her hands occurs at the first cycle of chemotherapy. Repeatedly, yogurt was found to cause cramps to the whole mouth. Walking barefoot in the apartment, resulted in discomfort to both feet.
- c) After the 4th cycle, the patient complained of severe agitation on days of chemotherapy. She felt she had consumed excessive amounts of coffee - actually tired, but inwardly agitated and restless. She feels very sleepy and tired.
- d) After the 8th cycle, the patient suffered from severe cramp-like discomfort in the lumbar and pelvic area.
- e) On day 2 of 9th Cycle, the patient complained of pain in the heart and chest area. The pain in the lumbar region is present, but not as painful as before.
- f) During the 10th cycle the patient complained about changes in taste – she had a strong metal taste. The numbness has not increased and cramps were not present.
- g) Three weeks after the treatment, the abnormal sensations in her hands and feet have increased in intensity and became locally more intensive.

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<p>Antiemetic therapy</p> <p>Other side effects</p>	<p>the muscles. Aggravated by cold (cold yogurt, barefoot).</p> <p>Neurological disorders caused by oxaliplatin are usually reversible. The regression of the symptoms can persist in individual cases up to three years. An increase in symptoms after the treatment is not described in the literature.</p> <p>Moderately emetogenic chemotherapy on Day 1, Day 2 low emetogenic potential</p> <p>Severe back pain is also often occurs as an adverse reaction of oxaliplatin.</p> <p>Pain in heart and chest area can indicate a heart attack, a rare adverse effect of 5-FU</p> <p>Taste disorders are very common at oxaliplatin administration</p> <p>Development of thrombocytopenia from the 5th Cycle</p> <p>Development of leukopenia after 7th Cycle</p>	<p>increasing depending on the cumulative dose.</p> <p>Report sent to Sanofi-Synthelabo GmbH for documentation of an adverse drug reaction. Keltican® to promote neurological Regeneration</p> <p>Antiemetic therapy with a 5-HT3 antagonists and dexamethasone on d1 +2</p> <p>Taking a strong analgesic (which?)</p> <p>Exclusion of a heart attack by ECG and troponin test</p> <p>No treatment is necessary, since reversible</p> <p>Shift of the therapy / dose reduction</p> <p>Neupogen® till normalized white blood cell count</p>
<p>Control parameters</p>	<p>Laboratory values: platelet count, WBC Imaging: CT</p>	
<p>Advice</p>	<p>Patient</p> <ul style="list-style-type: none"> • avoid cold stimuli on the day of chemotherapy with oxaliplatin • put on gloves before taking food from the fridge • in cold winter air put a scarf over her mouth to prevent laryngo- or broncho-spasm • to alleviate the agitation described a pharmacist recommends Coffea-D12 2x daily tablets 	