



Practical skills and their application by IVth year students in Oncology course

Organizational and methodological

1. Filling up of documents of evidence for oncology patients
 - Notification of oncology patients of primary diagnosis
 - Follow-up chart
 - Abstract from clinical chart
 - Filling up records for oncology patients with advanced disease (stage IV)
2. Organization of medical conferences for advanced stage disease oncology patients

Diagnostic skills

1. General inspection of skin and nutritional state (cachexia) to exclude skin cancer, melanoma, cancer of the lip, thyroid gland and soft tissue tumors.
2. Inspection of the oral cavity to exclude cancer of the oral cavity
3. Breast palpation, palpation of peripheral lymph nodes (to exclude hematological malignancies and metastases, i.e. Virchow metastasis)
4. Palpation and percussion of the abdomen to exclude intraperitoneal (stomach, colon, liver, gall bladder), retroperitoneal (pancreas, kidney, adrenals) malignancies, liver metastases, peritoneal canceromatosis, ascites
5. Percussion and auscultation of the thorax in pulmonary and mediastinal malignancies
6. Rectal digital examination to diagnose rectal cancer and Blummer-Schnitzler metastases in gastric cancer
7. Vaginal manual examination to diagnose Cruckenbergl metastases in gastric cancer

Interpretation of laboratory data

1. Blood count anemia, leukopenia, increase in ESR that change in most tumors but are not pathognomonic for some localizations. Changes in protein metabolism (hypo- and disproteinemia in pyloric stenosis, dysphagia in cancer of the cardia and esophagus). Changes in water and saline metabolism in the above mentioned GI disorders and renal cancer.
2. Interpretation of X-ray films in pulmonary, gastric, esophageal and colon cancer.
3. Interpretation of mammograms.
4. Interpretation of urograms, angiograms, pneumocystograms and polycystograms.
5. Interpretation of scintigraphy of the liver, spleen, kidney, thyroid gland.
6. Interpretation of section tomography and CT.
7. Interpretation of ultrasound examination.

8. Interpretation of thermography
9. Performing fine needle biopsies of visual tumors (thyroid gland, breast, peripheral lymphatics) for cytology evaluation.
10. Brush biopsies for visual tumors with destruction (skin, breast, lip, oral cavity)

Tactical skills

1. Determining the clinical group and treatment tactics for the patient.
2. Evaluation of blood count results and therapy for patients with chemotherapy-related complications.

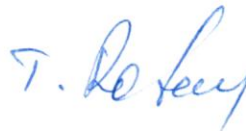
These clinical skills are discussed and practiced by students during their seminars in clinical conditions (in-patient or out-patient). The degree of knowledge is evaluated during the learning process.

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The chief of Educational Chair



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