

*Materials of Conferences***ANALYSING LIFE QUALITY OF PATIENTS WITH AN EXTENSIVE FORM OF LUNG CANCER AFTER SPECIAL TYPES OF TREATMENT**

Bukenov A.M., Gizbrecht E.V.,
Orazbayev B.A.

*Karaganda state medical university,
regional oncological center, Karaganda,
e-mail: kargmu_bukenov@mail.ru*

Results of treating 241 patients with diagnosis «lung cancer of stage III^{a-b}» have been analysed. During the initial examination, an extensive form of lung cancer has been established among 97,1% (234) of patients, and remote metastasis have been revealed among 38,6% (93) of patients. Metastasis into regional lymph nodes have been revealed among 81,3% (196) patients. Among those: N₁ – among 28,6% (56), N₂ – among 69,9% (137), bronchopulmonary, N₃ – among 1,5% (3), paratracheal and periesophageal.

After verifying diagnosis of patients considering extent of disease and prediction factors, four variants of treatment have been undertaken: beam therapy – 37,7% (91), surgery – 22% (53), combined approach (beam therapy or neoadjuvant chemical therapy + surgery) – 16,2% (39) and complex therapy – 0,8% (2).

Treatment efficiency has been estimated according to remote results. Five-year rate of survival equaled $22,2 \pm 10,1\%$ per 35 radical surgeries. Survival rate in dependence on surgery volume has been reliably higher ($p < 0,05$) after pneumectomy than after lobectomy. One-year rate of survival equaled $85,7 \pm 9,7\%$ and $57,1 \pm 11,1\%$ correspondingly, three-year – $57,1 \pm 13,7\%$ and $38,1 \pm 10,8\%$ correspondingly. Five-year survival rate was insignificantly higher after pneumectomy than after lobectomy, $28,6 \pm 26,1\%$ and $19 \pm 8,7\%$ correspondingly, the difference is statistically-insignificant.

Analysis of life quality of patients in long time period (from 1 to 5 years) has shown that relapse of bronchus stump cancer emerges among 40% of patients (among 14 of 35 radically-operated), and among 70,5% of patients (170 of 241 treated persons) emerges progression of tumour process with metastasis into the organ department.

Among causes of regress and decrease in life quality of patients with lung cancer in long time periods we can outline the basic ones: relapse of the disease and its further progression for 87,5% (211) of cases, emergence of new metastasis for 86,7% (209) of cases, and for 12,8% (31) of cases adjunction and exacerbation of a competitive pathology can be a cause of regress in a patient's condition. Thus, analysis of life quality has shown that adequate treatment of patient with extensive

form of lung cancer is successful and prolongs life expectancy.

The work is submitted to the International Scientific Conference «Modern high technologies», Dominican Republic, April, 13–22, 2014, came to the editorial office on 05.03.2014.

EDUCATIONAL TECHNOLOGY OF TEACHING PHYSIOTHERAPY AND SPORTS MEDICINE USING ANDRAGOGIC LEARNING MODEL

Gilmutdinova L.T., Gizatullina N.S.,
Sakhabutdinova A.R., Nazarova E.M.,
Iseyeva D.R., Semyonova S.M., Atmagulova E.R.

*Bashkir State Medical University,
Ufa, e-mail: aliya.sahab@gmail.com*

As a result of learning using andragogic learning model, in the Bashkir State Medical University at the Department of Medical Rehabilitation, Physiotherapy and Health Resort of the Institute of Postgraduate Education, people who have successfully mastered the educational program, acquire professional competence, knowledge, abilities, skills on physiotherapy and sports medicine speciality.

At present physiotherapy and sports medicine speciality has integrated into many sections of medicine and outlined a wide range of activities, ranging from preserving the health of healthy people, prevention of diseases to medical rehabilitation at all its stages. Sports medicine plays an important role in training of athletes, maintaining their health, in achieving the highest sports results. Nowadays the experts of physical therapy and sports medicine are demanded in all areas of medical practice.

The main educational program of postgraduate professional education on physiotherapy and sports medicine speciality is the regulatory guidance document, which regulates the content and form of organizational and methodological training of this speciality in postgraduate education of doctors.

Since 2000 in the Bashkir State Medical University physicians have been training on the program of professional education training, general and thematic improvement at the Department of Medical Rehabilitation, Physiotherapy and Health Resort of the Institute of Postgraduate Education in the cycle of «Physiotherapy and sports medicine», «Urgent issues of gymnastics and sports physiotherapy», «Medical rehabilitation». Clinical bases of the department are Republican medical sports clinic, sanatorium «Zelyonaya Roscha» («Green Grove») in Ufa.

Educational and professional activities aimed at building competencies that determine overall professionalism of the doctors.