



**Results:** Corrective lessons are conducted every day, except weekend. Duration of a lesson is 15 minutes, which includes 3 min of instrumental vision correction and 12 min of eye gymnastics and special vision developed games. In inspected specialized preschools for kids with visual disorders more often are used corrective instrumental methods to improve visual acuity, to develop binocular vision and retinal receptors sensitivity, squint treatment. They are: synoptophore, convergentrainer, bvisotrainer, maculostimulator, maculotester, panorama, laser, ophthalmological vacuum massage apparatus (OVMA-2M), ophthalmological spectrological apparatus (OSA-02U), reflecting ophthalmoscope, "Rucheyok" (accommodation training apparatus).

**Conclusions:** the most of apparatus for corrective help has 30-40-years using term and needs the modernization and renewal; using of computer corrective programs for preschool children is scanty.

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**EPSTEIN- BARR VIRUS LESIONS OF THE CENTRAL NERVOUS**  
**SYSTEM DURING HIV INFECTION**

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**The aim.** To analyze the morbidity of CNS lesion by Epstein Barr virus in HIV patients with mortal outcome, who were treated in RIDH in 2009-2011 years.

**Materials and methods.** HIV patients, age 28-32 years, with CNS lesion (DNA of VEB was founded in SCF in all cases), autopsy material from dead HIV positive patients with CNS lesion (meninges and brain tissue). Hematoxylin and eosin stain, by Nysle.

**Results.** Analyzing clinical manifestations of a severe course of VEB infection with the background of immunodeficiency caused by HIV, we observed that the severity of the disease was connected not only to the intoxication and meningeal syndromes, but to the encephalitic syndrome as well. It was expressed by pathological reflexes, strabismus, anisocoria, mydriasis, symptoms of pyramidal deficiency of extremities. In the terminal period we observed the cerebral herniation in the foramen magnum in all died patients. First of all it was expressed by worsening of the consciousness disorders, tachycardia, blood pressure drop, breathing rhythm disorders and respiratory standstill.

**Conclusion.** According to RIDH data the main opportunist which cause CNS lesion in HIV patients is Epstein-Barr virus (40%). The disease progresses like meningoencephalitis with the development of edema -swelling of the brain which is the direct cause of death.

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**ANTIVIRAL EFFECTS OF NEW FLUORENE COMPOUNDS ON A**  
**PHAGE-BACTERIA MODEL**

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**Introduction.** For the prevention and treatment of viral diseases that compose a large percentage share of infectious diseases of man, use a small arsenal of drugs. A