Case № 8

Pre- and Perinatal Life Diseases.

Preparation № 1. Microgiria.

The increase of amount of gyrus and diminishment of their sizes takes place in the cerebrum of child. It is a defect behaves to embryophaty.

Preparation № 2, №25. Staggered defect of heart.

In a heart, openings are defects of partition take place in partitions.

Preparation № 3. Anencephalia.

It is the staggered defect of development – embryophatia. There are the absent bones of skull of hemisphere and shell of cerebrum in fetus. It is a defect incompatible with life.


Innate defect of the genitourinary system. Connection of kidneys as the horseshoe of functional violations takes place this defect can not cause. She appears as find during dissection of deceased from the second pathology.

Preparation № 5. Cerebral hernia.

The defect of bones of skull takes place in fetus, which the shells of matter of brain knob through.


In fetus internal organs are outside an abdominal region as a result of underdevelopment of volume of abdominal region and front abdominal wall. This defect is incompatible with life.
Preparation № 7. **Anencefalia and spinal hernia.**

It is the innate defect of development – embryophaty. There are the absent bones of skull of hemisphere and shell of cerebrum in fetus. It is a defect incompatible with life. In to the spine takes place of fissure shells and matter of spinal cord go out in which.

Preparation № 9. **Defect of development of the bone system and umbilical cord.**

The defect of development of the bone system of overhead jaw shows up deformation, bulge, curvature of bones, joints. Cysts, knots, can appear on an umbilical cord.

Preparation № 12. **The Arnolda-Kiari Syndrome.**

It is a defect behaves to the embryophaty central nervous system which is related to deformation of ventricles of cerebrum in combination with hydrocephaly (by the increase of cranium’s volume, atrophy of cerebrum’s tissue).

Preparation № 14. **Unreal knot of umbilical cord round a trunk.**

On an umbilical cord the bulge, thrusting out, is visible in the form of knot, which does not cause violation of blood’s circulation. When the defect of development of umbilical cord as the increase of its length takes place is it brings to encirclement her over round the trunk of fetus and can cause the displays of asphyxia.

Preparation № 15. **Defect of development of hand.**

In this case the phalanx of finger reposes on the fold of skin, as defect the increase of amount of fingers, their accretion is examined.
Preparation № 16. **Plural innate defects of development, maceration of fetus.**

Preparation № 17. **Innate cancer of lungs.**
On lungs of fetus we see the knots of different sizes, grey color.

Preparation № 18. **Additional spleen.**
Next to a spleen there is the small separate knot of tissue of spleen.

Preparation № 19. **Tymomegalia.**
The tymus gland megascopic occupies in a size ½ part of mediastinum.

Preparation № 21. **Spongy kidney.**
Parenchyma of kidney with shallow cavities is the variety of multicyctosis infantile type.

Preparation № 23. **Intraventricularis hemorrhage.**
In the ventricles of brain there is coagulant of blood. They can be as a result of birthtrauma.

Preparation № 24. **Pylorostenosis.**
In the piloricus department of stomach of narrowing due to giperplasia of mucous and muscular layer.

Preparation № 26. **Innate fibroelastosis of the endocard.**
In a heart the bulge of interstinalis is marked endocard. Muddy, yellow-grey color.

Preparation № 27. **Microgiria with innate hydrocephaly.**
In the cerebrum there is increase of amount of girus, they are diminished in a size. Lateral ventricles are extended. It is the display of intraventricularis hidrocephalia.

Preparation № 28. **Hipoplasia kidneys.**

A kidney is diminished in a size, structural components are not broken. If one-sided hypoplasia, the compensating increase of sizes of the second bud takes place.

Preparation № 29. **Innate cancer of liver.**

In parenchyma the knot of tissue of motley kind is visible without clear contours with infiltrationitis growth.

Preparation № 30. **An innate cyst is lungs.**

In parenchyma lungs a cavity is covered by the thin layer of connecting tissue, is contained a transparent liquid.

Preparation № 31. **Hydrocephaly, spinal-cerebral hernia, chondrodyslasia, hematolytic illness.**

For hydrocephaly the increase in the size of skull is characteristic. Atrophy of tissue of cerebrum develops thus. Spinal hernia shows up thrusting out of matter and shells of spinal cord. The display of hematolitic is the morbus- icteric colouring of skin.

Preparation № 32. **Agenesia bones of skull and overhead extremities.**

There is an absent overhead humeral belt in fetus, the bones of skull, lower extremities are deformed, well-kept structure of thigh, shins and feet of wrong structure.