FRI - 2G.104 – 1 – HC - 05

BARTTER′S SYNDROME – REVIEW OF LITERATURE AND CASE REPORT[5]

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Abstract: *Bartter's Syndrome is a rare, autosomal recessive disease with variable genetic forms affecting renal tubular structures. The disease may be observed either in prenatal or in newborns, babies, young children, adolescents and adults. The genetic disorder occur as an error of ionic transport through the ascending loop of Henle. As a esult appear a defect in sodium, chloride and potassium transport, metabolic alkalosis, poliuria, dehydratation. These processes result in volume contraction and stimulate the rennin – angiotensin II – aldosteron axis.*

Bartter's syndrome is associated with polyhydramnios, prematurity in the prenatal period. In newborns and later is manifested with dehydratation, failure to thrive, hipokalemic metabolic alkalosis, low levels of sodium and chloride. A special genetic type is associated with sensorineural hearing loss.

The treatment includes a substitution of lacking electrolytes – potassium supplementation, aldosterone antagonist (diuretics), prostaglandin inhibitor.

Keywords: *Bartter's Syndrome, genetic tubular disorder, hipokalemic metabolic alkalosis, dehydratation*
JEL Codes: I 12

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[5] The Paper is Presented in October 27, 2023 at the Scientific Conference RU & SU'23 in the Health Care section. It has been nominated for Publication in Compiled edition of Reports Awarded with “Best Paper“ Cristal Prize’23