

Zastosowanie lasera Nd-Yag w leczeniu guza tchawicy w przebiegu mukopolisacharydozy u dziecka

The use of Nd-Yag laser in the treatment of tracheal tumor in 14 years old child with mukopolisacharydosis type II

Józef Mierzwiński, Aleksander Zwierz, Artur Jaworski, Ryszard Redziński, Władysław Bandrowicz, Krzysztof Dalke, Paweł Burduk



Summary

Hunter's Syndrome (MPS II) is a class of hereditary disorder characterized by a deficiency of specific enzyme - iduronate sulphatase required to break down mucopolisacharides and occurs in Poland in one of 100-150 thousand male live births. MPS II may be lethal in the second decade of life as a result of infiltrativ cardiomiopathy leading to irreversible heart failure or upper airway obstruction caused by infiltration, granulation and deformation in trachea or larynx. We report a case of 14-year-old male with Hunter Syndrome who developed tracheal obstruction and was treated with Nd-Yag laser. We discuss the possibility of treatment and our results - improvement in patient's symptomatic and functional status.