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 infiltrative 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.