

**Status of proton stereotaxis therapy  
at PNPI synchrocyclotron  
1975 – 2004 гг.**

Table 1

<b>1. Pituitary irradiation</b>	<b>773</b>
1.1. Pituitary adenoma	449
1.2. Ophthalmopathy, diabetic retinopathy	54
1.3. Mammary gland and prostatic cancer	270
<b>2. Brain irradiation</b>	<b>484</b>
2.1. Asteriovenous malformation, arterial aneurisma	479
2.2. Epilepsy	5
<b>Total number of irradiations : Number of repeated proton therapy</b>	<b>1257 142</b>

Data on may 01, 2004  
**Results of proton therapy**

Table 2

<b>Pituitary adenoma</b>	Clinical remission is stated in (85-100)% of patients
<b>Ophthalmopathy, diabetic retinopathy</b>	Positive clinic effect is observed at the majority of patients
<b>Mammary and prostatic cancer</b>	Prolongation of patient`s life is acheived, at metastazas in the bone the analgezium effect is observed in the case of 90% of patients
<b>Arteriovenous malformations (AVM) of the brain</b>	At the volume of AVM less than 8 cm <sup>3</sup> positive effect is acheived for 74% of patients, the complete recovery was obtained in 55% of the cases.