

Competitive capacity of diagnostic medical equipment

Group of diseases	Reliability of early diagnostic* (%)			
	“METATRON”	Ultrasound scanner «Aloka SSD-5000/5500»	Computer tomograph «ItalRay Clinomat»	Magneto-resonance tomograph «Picker- Philips»
Gastroenterology	74-86%	24-28%	19-23%	30-34%
Pulmonology	65-72%	9-14%	10-13%	23-31%
Gynecology	78-82%	16-18%	14-16%	21-25%
Endocrinology	52-65%	7-9%	11-14%	13-16%
Oncology	38-42%	6-8%	12-16%	18-23%
Cost (depending on set)	35.000 – 42.000 USD	150.000 – 300.000 USD	150.000 – 200.000 USD	500.000 – 800.000 USD

* Differing from other methods of hardware diagnostics, “Metatron” system can reveal early stages of pathological processes before pronounced clinical manifestation appear which hardly can be revealed by other methods of diagnostics, such as ultrasound, computer tomography and MRI. The system is safe for the human.

Short description of systems

Name of a system	Metatron-4017	Metatron-4019	Metatron-4021	Metatron-4025
Software	«NutriSoft-Emerald»	«Metapathia GR Practical»	«Metapathia GR Professional»	«Metapathia GR Hunter»
Internal generator frequency	860 MHz	1,4 GHz	4,9 GHz	4,9 GHz
Incoming signal filter	-	+	+	+
Resonance chamber (Writing/Reading)	+	+	+	+
Diagnostics accuracy				
Anatomic structures	70-85%	75-85%	85-90%	85-95%
Histological virtual	50-60%	60-65%	80-85%	85-90%

models				
Cytological and genetic structures	45-55%	55-60%	75-80%	80-90%
PC connecting cable	+	+	+	+
Packing suitcase	+	+	+	+
Registration certificate	7876-4017 TO	7876-4019 TO	7876-4021 TO	7876-4025 TO
User's manual (CD)	7876-4017/CO	7876-4019/CO	7876-4021/CO	7876-4025/CO