

Registration No.	Number 00112		
Registration Date	September 11, 2012	Registration Category	Category 1

Name (Model, etc.)	Whole body CT scanner Model TCT-900S FLEET
Location	Otawara City, Tochigi Pref
	Toshiba Medical Systems Corporation
Owner (Custodian)	Toshiba Medical Systems Corporation
Manufacturer (Company)	Toshiba Corporation
Year Manufactured	1991
Reason For Selection	The helical CT scanner was the first high-speed continuous rotating scan system capable of scanning at one rotation (= one scan) per second, as well as the first helical scanning machine. It ushered in a new era for CT, leading to continuous helical scanning, next generation multi-slice CT and volume CT scanning. The new imaging technique of helical scanning was made possible by the advent of continuous rotating scanning. The combination of high-speed scanning and faster table movement led to a spectacular improvement in multi-slice imaging speeds and also paved the way for other developments such as high-output X-ray tubes, high-performance solid-state detectors, slip rings, nutate-rotate imaging and rapid calculation.
Registration Standard	1 - B

Open/Closed to Public	Open to Public
Photo	
Other useful information	