

Registration No.	Number 00032		
Registration Date	October 6, 2009	Registration Category	Category 2

Name (Model, etc.)	Transversal Planigraphic Apparatus (Upright Position)		
Location	Hirosaki City, Aomori Pref		
	Hirosaki University Graduate School of Medicine		
Owner (Custodian)	Hirosaki University Graduate School of Medicine		
Manufacturer (Company)	Shinji Takahashi, etc. , Shimadzu Corporation		
Year Manufactured	1953-1957		
Reason For Selection	<p>Shinji Takahashi was a pioneer in building a prototype transversal planigraphic apparatus in 1953 that captured cross-sectional images of the human body for the first time in the world. Incorporating refinements and improvements based on a prototype and theoretical study, this is an actual working system that was used in a clinical setting. The image is created by x-rays from a fixed x-ray source while rotating the patient and the film, and was a breakthrough in diagnostic radiology that opened the way to present-day computed tomography. Takahashi's importance is acknowledged in scientific journals by referring to this approach as Takahashi tomography.</p>		
Registration Standard	1 - C		

Open/Closed to Public	Closed to Public
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Other useful information	
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