

Contributed to infection countermeasures and blood collection efficiency in medicine

Registration No.	Number 00263		
Registration Date	September 10, 2019	Registration Category	Category 1

Name (Model, etc.)	Sterile syringe JINTAN SYRINGE 5mL
Location	Nakai-machi Ashigarakami-gun, Kanagawa
	Terumo Corporation
Owner (Custodian)	Terumo Corporation
Manufacturer (Company)	Jintan Taionkei Corporation (now Terumo Corporation)
Year Manufactured	1963
Year first appeared	1963
Reason For Selection	Japan's first domestic disposable plastic syringe tube was made available commercially in 1963 by Jintan Taionkei Corporation, and the accompanying disposable injection needle was made commercially available in January the following year by Jintan Terumo Corporation (the company name having been changed in December 1963). The company realized that a disposable product was needed to prevent the numerous hepatitis infections occurring in Japan and developed the product based on information of medical instruments being developed in the U.S.A. at the time. They also adopted the ribbon pack packaging (film and a paper ribbon) for ethylene oxide gas sterilization and the elimination of residual gas and continued to develop the product. Due to the 'mottainai' culture of Japan perceiving it as wasteful, widespread adoption took ten years. However, it prevented infection and provided a great advantage in streamlining blood collection, and it is valuable in having contributed to the rapid development of today's blood test technologies.
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.) 2-C (Show an important event or phenomenon in the relationship between society and culture on the one hand and science and technology on the other.)

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Photo	
Other useful information	