

**Study on a Primary Conservation System for Sustainable Access and Preservation of the Cultural Heritage in Museums**

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**【Outline of survey】**

It is the purpose that this research does the study and development about a primary care system which are the new conservation technique of the cultural heritage which put the base on the viewpoint of clinical science. By integrating clinical conservation and the data generated from the activity, it is enabling the safe exhibition and the preservation which controlled the risk to the minimum.

It becomes possible to control the interactions such as climate control, a degradation phenomenon of a cultural heritage, and management of man efficiently by the research. Access and control to a cultural heritage attract attention as a contemporary subject. This research has its original view point of creating the theory and the structure of the system for detecting the optimal relations of them.

**【Expected results】**

The research will give very high safety and durability to the conservation and exhibition of the cultural heritage of 120,000 sets of objects of the Tokyo National Museums. Next, by a primary conservation system, the conservation philosophy and the methodology for establishing safe exhibition and the optimal preservation are offered under the situation such as a high risk exists in museum management today. By raising a next-generation preservation system, a museum will inherit a cultural heritage in the future, and will continue as a core place which aims at communication with society.

**【References by the principal researcher】**

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- Kamba, N., 'Primary Care and Practice of Conservation', International Symposium Proceedings of Practice of Conservation in Museums, Ed. Tokyo National Museum, pp104-116, 2007
- Kamba, N., 'The fundamental Principle of Preventive Conservation in the Preservation of Cultural Properties in Tokyo National Museum', MUSEUM, No.594, pp61-77, 2005

**【Term of project】** FY2008—2012

**【Budget allocation】**

**76,200,000 yen** (direct cost)

**【Homepage address】**

<http://www.tnm.jp>