

Transdisciplinary study on external and internal diseases due to earthquakes (2) world-wide research activities

Yutaka Ohta[1]; Maki Koyama[2]

[1] Tono Res Inst Earthq Sci; [2] TRIES

<http://www.tries.jp/>

As the continuation work of bibliometric analysis for elucidating the expanse and the depth of earthquake-related diseases, we first retrieved 600 original articles, employing 2 search words of earthquake and humans, from the world's most known medical DB, PubMed (National Medical Library, USA) and we secondly conducted various data processings in terms of text-mining. Some of what we found are as follows.

Intensive study on earthquake-related diseases seems to have started at 1988 Armenian earthquake so to cover both of immediate surgical diseases as casualty and acute-to-protracted diseases as those in internal and physiological medicines. Therefore one can give this earthquake as the reference event to sound the scope of earthquake-related diseases and to know the character of diseases due to the other major earthquakes in these decades.

Compared major earthquakes with Armenian earthquake were 1989 LomaPrieta and 1994 Northridge in California, 1995 Kobe in Japan, 1999 W. Turkey, 1999 Chi-Chi in Taiwan, 2004 Indian Ocean Tsunami and so on and we succeeded to accumulate working knowledge for better reduction strategy of earthquake-related diseases in wider range.

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