



Figure 3. TEE images of prosthetic mitral valve after thrombolytic and antibiotic treatment. Initial images of vegetations were disappeared completely after medical treatment

TEE - transesophageal echocardiography

inside of vegetation more easily.

In conclusion, thrombolytic treatment is not medical fault in the atypical cases of PVE in which differential diagnosis from thrombus could not be done. Rarely, thrombus coat can accompany vegetation in PVE cases and combined therapy with thrombolytics and antibiotics could yield complete cure without any need of surgery.

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Nuclear leakage and hypertension: Is there any relationship?

Nükleer sızıntı ve hipertansiyon: Herhangi bir ilişki var mı?

Editor, the present global public health concern is on radioactive contamination from nuclear electricity plant leakage in Japan after the Japanese biggest Tsunami. Generally, there are many possible health effects on the affected population to the nuclear leakage and an interesting question is on hypertension. The relationship between hypertension and nuclear detonation is of interest. Focusing on the problem of the hypertension, there are some interesting reports. Based on the data from the well-known nuclear leakage episode in 1986, Chernobyl case in Russia, the increased in rate of hypertension among the affected population is noted. In the acute situation, it is noted that high blood pressure might be partly due to the psychological reactions to the accident (1, 2). However, some reports show the long-term effect of radioactive contamination exposure on hypertension. Cardiac contractile dysfunction induced hypertension was proposed (3). Of interest, Alexanin et al. (4) also reported for "positive correlations between the grade of hypertension and the level of chromosomal aberrations". The relationship between hypertension and nuclear detonation is the topic of interest and should be the future focus in following up of the present nuclear crisis originating from Japan.

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