

systematically examined the effects of day care in some aspects of the demented elderly.

The main functions of day care are to help the elderly become more active and to reduce the load on their relatives as a care for them at home. It is very important to clarify the effects of participating in day care with these functions so that we can have some information to modify the care programs. We need to assess some positive aspects of behaviors in demented elderly persons, to have a common scale to assess them more easily among day care staff or relatives, and to use the method to assess with the observation of behaviors in addition to face-to-face interviews and questionnaires.

We propose to examine the relationship between the day care programs and their effects assessed with some kinds of scales for demented elderly persons as soon as possible. Based on the results, it is very important for us to consider various testing batteries of assessing mental and physical conditions in demented elderly persons.

Emiko SUZUI : The Role of Midwives in Antenatal Examination — Should Midwives Acquire Ultrasound Scanning Techniques ? — 27—33

In Japan, many pregnant women are examined by doctors using ultrasound ; because its use has been rapidly spreading in many countries, this technique is now considered necessary for diagnosis in antenatal examination. Thus, the majority of pregnant women are undergoing a routine ultrasound scanning during pregnancy. On the other hand, influenced by the media they expect the scan routinely. In addition, most pregnant women do not appreciate that antenatal examinations conducted by hospital midwives are still counter-checked by doctors and with scans. Midwives working in consultant units or hospitals have become handmaidens to the doctors.

In my practice I provided an independent antenatal examination and needed to acquire ultrasound techniques to gain my clients' confidence. I found that the scan is useful as an emotional support, provides a wonderful opportunity for health and parent education and is the best diagnosis of abnormalities in babies. If midwives acquire this technique, our practice is more independent, responsible and influential. However, many midwives still do not accept that midwives should acquire ultrasound techniques.

In my study, I explored what role midwives have in ultrasound scanning. In addition, I studied how useful the scan is as an emotional support, and in providing a good opportunity for health and parent education.

Shin MATSUMOTO : Viewpoints of Morphological Analysis — A Case of the Median Artery — 35—41

Several viewpoints of morphological analysis are discussed, illustrating the median artery. This artery exists in about 8% of all human adults, as phenomenon or variation. It is, however, very difficult to prove its formation genetically or mechanically. From the viewpoint of morphogenetic