The aging of the population and medical problems of elderly people is a common issue between Japan and China. As the aging progresses, it causes a change in the disease structure, not infectious diseases as in the past, but tends to convert to chronic diseases. Both Japan and China have problems of regional medical disparity, and telemedicine is one of the effective measures. Previous studies on telemedicine in elderly society mainly discuss regional medical inequalities and cooperation with home medical care and telemedicine, but the whole picture on telemedicine and elderly medical care was seen Absent. In this paper, we grasp the current situation of Japan 's aging and telemedicine in Japan by conducting unique questionnaire survey for municipalities, verify the problem in promoting telemedicine using ICT, From Japan's experience, we will try some suggestions for China. What we clarified in the discussion of this paper is as follows. First, although the proportion of municipal hospitals introducing telemedicine is still small, in the municipalities that are introducing it, there is a high probability that telemedicine is adopted for image diagnosis and pathological diagnosis. Moreover, the number of patients who are supposed to require telemedicine by local governments is large, and among them, the needs of elderly people are considered to be high. In addition, the effect of telemedicine introduction to patients and local governments is also fully recognized by local governments. Furthermore, as a result of the survey of the consciousness to local governments, it was found that undeveloped institutional aspects such as legal improvement and medical treatment fee serve as a major obstacle to the spread of telemedicine.