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Currently there are about 4,000 physicists in China working in various fields related to medical and clinical areas, in universities, medical schools, hospitals, and clinics. The Chinese Society of Medical Physics (CSMP) has eight committees covering the major medical physics fields. Since late 1980, several international meetings on medical physics in China helped to define the field and established the profession of medical physics. Several training programs began to form in China. One of the driving forces is from radiation oncology departments. The number of Radiation Oncology Centers increased almost 400% in the last 20 years. There are about 1200 radiation oncology physicists in China in 2006, and at least double the number is needed. Medical Imaging and Nuclear Medicine also need medical physicists. There are only four academic institutions that have degree programs in medical physics. The number of graduates will not be able to supply the demand. On the job trainings may produce some medical physicists who will help ease the pressure of demand. To ensure quality of the work force, certification process is urgently needed.