Pakistan developed a curriculum for training in telemedicine based upon international experience and regional needs. The curriculum was offered to selected specialists across the spectrum of medicine, policy makers and engineer experts. The curriculum was experience based and hands on. Each participant at the end was asked to develop a telemedicine application based upon their area of practice or expertise. Most of the first 30 graduates are currently involved in telemedicine applications in varied and unanticipated areas of contribution. The first graduates also were instrumental in the national and regional response to the earthquake disaster of 2005. The curriculum offering is now being expanded under government sponsorship to a fully national Telemedicine. All trainees completed the course and could demonstrate proficiency in computer use and technical connection to the distant site. All could use the EHR software independently and all produced a proposal for a telemedicine application. These include programs in ophthalmology, psychiatry, pathology, nursing, surgery and a very creative registry program for hemophilia patients. Programs in cardiology, distance learning to Wales, pediatrics otolaryngology, Orthopedics, radiology, emergency medicine and medical informatics followed. The Center has been able to support and see implemented most of the topics proposed and a significant fraction of all proposals. In the year following institution of the course the Pakistani government has committed to a national program with strong funding support and matching funds from the US. Programs for Pakistani Nuclear Agency, Military and other universities are in advanced stages of development or implementation. Conclusions: The program in Pakistan has been successful as determined by tangible outcomes and independent reviewers.