

Activity Report of Asia-Pacific Medical Network Project in Kyushu University Hospital : Vol.2

Shimizu, Shuji
Kyushu University Hospital

Nakashima, Naoki
Kyushu University Hospital

<https://doi.org/10.15017/8302>

出版情報 : 「超高速ネットワークを利用したアジア遠隔医療プロジェクト」 TEMDEC活動報告. 2, pp.1-95, 2006-04. AQUA事務局
バージョン :
権利関係 :

1. Preface

We are pleased to release the 2nd volume activity report of the Asia-Pacific Medical Network Project in Kyushu University amidst a period of significant technological and collaborative advances. The number of international teleconferences is increasing at a good pace, by approximately twice per month, having reached 58 times by the end of March 2006. Through close collaboration with APAN (Asia-Pacific Advanced Network), we have established new lines to Shanghai Jiaotong First People's Hospital, Taiwan National University Hospital, Taichung General Veterans Hospital, National University of Singapore, Mahidol University Siriraj Hospital in Bangkok, and Flinder's University Hospital in Adelaide, Australia. In technical aspect, we are proud to announce that we successfully established an internationally compatible security system, using IPsec among multiple stations, to protect patient privacy by abolishing the problems of import limitation in some countries. More excitingly, we succeeded in simultaneously connecting as many as 10 stations by DVTS (digital video transfer system) to meet the increasing demands of connecting more than 4 stations with conventional system. Please refer to our newly released homepage for detailed information regarding these activities

Although we have made commendable advances in the past year, we must continue to work together to address further concerns. One primary issue is to establish an appropriate team or official group in each medical institution to work on our activities. Although the situation may differ, it is essential that the system should be well organized where medical staff and engineers can efficiently cooperate. At the same time, with APAN as a core organization, it is important to organize a task force to build up an association with Asia-Pacific Medical Network and to assign a definite role and responsibility for each country. Technically, NTSC and PAL, which are both utilized within the Asia-Pacific region need to communicate freely with their quality preserved, while transmission of high-definition images should be continuously improved to obtain even better quality. Appropriate care on sound or monitors and simplicity of the total system are always primary usage considerations.

Based on the success of the Kyushu area, we hope to accelerate our activity in Asia and further extend our medical network to the whole world, in harmony with domestic expansion. It is our great pleasure to share our experience with you.

March 2006

Kyushu University Hospital
Shuji Shimizu, MD. PhD