

Second HTTG Workshop on Medical Imaging requirements for Health Stations in Developing Countries

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HEALTH TECHNOLOGY TASK GROUP

HTTG

Set up by IUPESM in 2006

Objectives:

- **Investigate rural health priorities so as to improve medical care for the majority, rather than expensive high technology for the few.**
- **Ascertain the health technology and training needs in a developing country.**
- **Determine the appropriate technology and training to satisfy those needs.**
- **Obtain funds for demonstration units.**

Sponsors

- **International Organisation for Medical Physics (IOMP)**
- **International Federation for Medical and Biological Engineering (IFMBE) &**
- **International Union of Physical and Engineering Sciences in Medicine (IUPESM)**

Needs

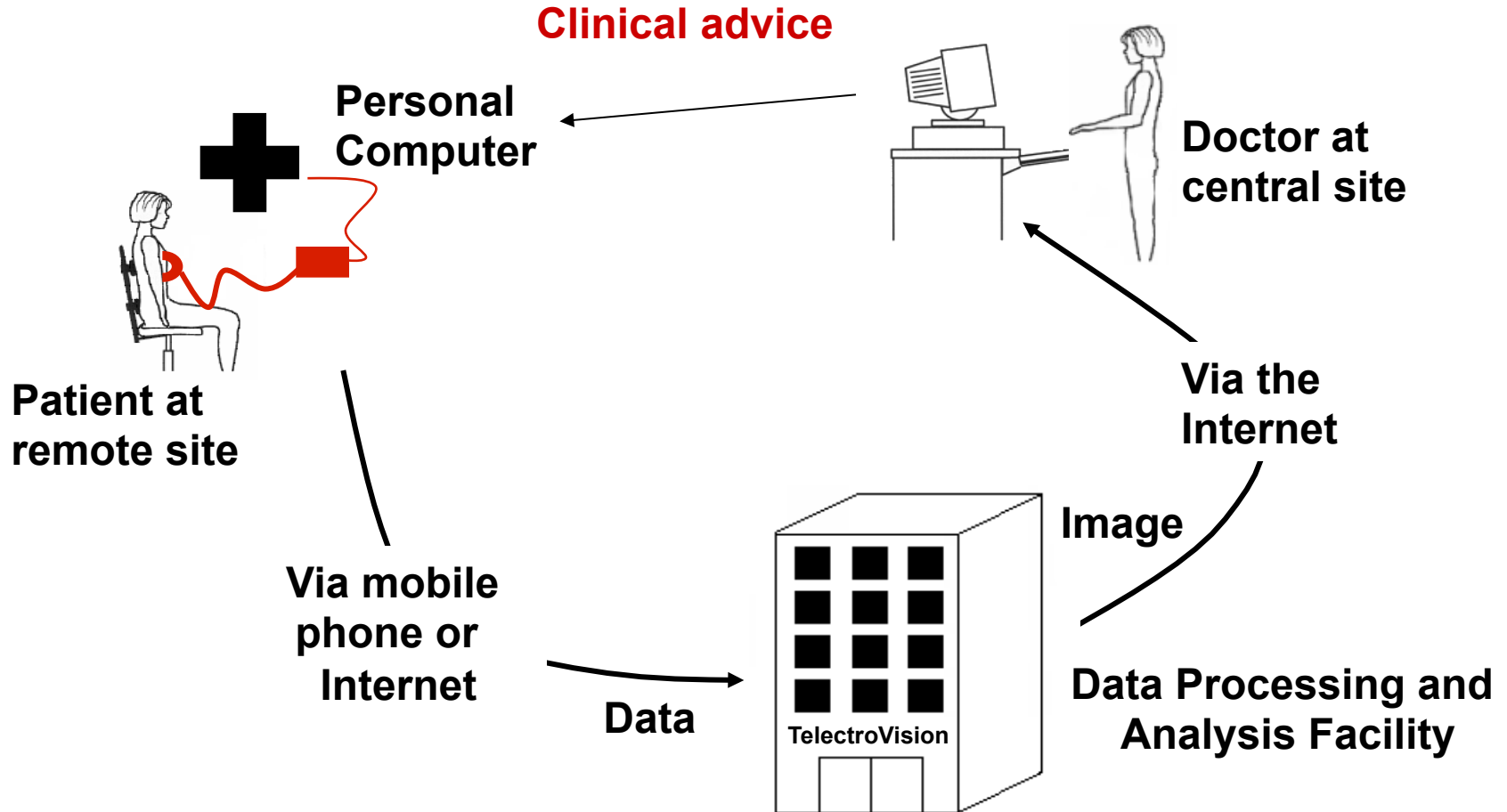
On site reviews of rural health technology in the Mekong Delta, Vietnam, the Philippines and in Vanuatu, made it abundantly clear that the rural populations of these countries would continue to be denied superior medical care unless a change of philosophy was introduced.

Telemedicine

This is an essential technology to bring higher levels of expertise and service to the rural areas in developing (and developed) countries.

- Via mobile phones and internet.**
- City hospital skills can be translated to rural health centres.**
- Support palliative care centres in the provinces**

Remote Management System



Program

The objective of this workshop is to define:

- Medical Needs for a Health Station
- Appropriate Imaging Modalities
- Planning a medical imaging department
- Operational considerations

After each section we will strive to achieve a set of recommendations.

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Part 1: Draft Recs on Needs

- R&D to focus on the needs of Health Stations in DCs.
- Major need is to overcome the isolation of rural communities.
- Robust & appropriate low cost imaging and diagnostic medical devices are required.
- Rapid access to referral hospital expertise is required.

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Part 2: Draft Recs on Modalities

- Clinical deeds
- Specifications

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Part 3: Draft Recs Imaging Unit

- Procurement
- Training
- Telemedicine

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Part 4: Draft Recs - Operations

- Quality control
- Radiation protection
- Referral protocols