

Child Protection Team Telemedicine Network



Telemedicine refers to the use of electronic communication and information technologies to provide or support clinical care at a distance.

The doctor or nurse practitioner is some distance from the patient with some means of communications existing between the two sites so the examiner can see, hear, and access the patient.

The telemedicine network provides for performance of child assessments via information and computer technologies between “hub” sites and “remote” sites. Hub sites are comprehensive medical facilities with a wide range of medical and interdisciplinary staff. A physician or Advanced Registered Nurse Practitioner (ARNP) is located at the hub site and responsible for directing the medical exam. Remote sites are smaller medical facilities with limited diversity in medical and non-medical expertise. The CPT patient is seen at a remote site and a registered nurse assists with the medical exam.

Telemedicine is beneficial to many different groups, including:

- Victims of child abuse

- reducing travel time to get medical assessments
- improving access to medical expertise
- expediting child safety decisions

- Members of the community

- reducing travel time to access professional expertise
- increasing number of children receiving expert medical care in the community
- promoting partnerships

- Professionals

- reducing travel time
- increasing number of patients seen
- increasing training opportunities

Telemedicine includes **special equipment** designed to allow the transmission of live assessments between hub and remote sites. Special camera features allow professional staff viewing assessments at different locations to see external and internal physical examinations. Using this approach, the child abuse expert becomes the examiner of the record.

Network: Secure Integrated Services Digital Network operating at 384kbps transmission speed

Hardware: Tandberg Intern - with integrated computer and software for hub sites;
Tandberg Intern for remote sites

Peripherals: AMD General Exam Camera with 50x magnification; Welsh-Allyn or Leisegang colposcope

Software: Second Opinion Professional or Image Quest



For more information on telemedicine, visit www.cms-kids.com.