Our Experience in Telecardiology Practice

- R. MIJIĆ¹
- D. DINČIĆ²
- P. SPASIĆ³
- S. OBRADOVIĆ²
- S. MIJUŠKOVIĆ⁴
- S. RISTIĆ⁴
- R. MARKOVIĆ-TESLA⁴

During last several years all branches of telemedicine have been facing the tremendous progress. One of them, Telecardiology, takes the very important place among them. Telecardiology service includes: 1.) Cardiac action images and data transfer, in order to receive specialist's help in diagnostics and treatment of hearth diseases 2.) Help in therapy of the patients having urgent hearth diseases 3.) Informing of the referent cardiologists about the results of the tests 4.) Remote education on national and international level, as well as 5.) Remote insurance and pace-maker devices control.

In our country, the first pioneer steps in telecardiology were made by D.Popovic and P.Seferovic by establishing of the "bridge" between Belgrade and Podgorica. At the other side, the world's first transmission of EKG results was done in 1906.

The goal of our work is to use the outstanding exchange possibilities of the data obtained by the use of modern diagnostic tools and procedures, with telemedicine workstations used by the experts, in order to raise the quality level of the diagnostics and therapy in small health institutions that have a need for any kind of consultation with some of the top cardiology experts.

Our experimental phase showed up that with use of existing computer equipment, minimal financial support and use of our software, the telecardiology practice could be performed successfully in our country.

KEY WORDS: Telemedicine; Telecardiology; Teleconsultations

Address correspondence to:

Dr. Rajko Mijić, Polyclinic of Military Medical Academy, Belgrade, Yugoslavia

Accepted for publication: 20. 04. 2001.

¹ POLYCLINIC OF MILITARY MEDICAL ACADEMY, BEL-

² CLINIC FOR EMERGENCY AND INTERNAL MEDICINE, MILITARY MEDICAL ACADEMY, BELGRADE

³ ACADEMY OF MEDICAL SCIENCE, SERBIAN MEDICAL ASSOCIATION

⁴ DACON, BELGRADE