

LOW COST DEVICES AND TELEMEDICINE HELP REDUCING HEALTH DISPARITIES

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Individual health is one of the basic human rights and improving the conditions to maintain and improve this health is one of the basic duties of all responsible governments. In the 21st Century, the era of information technology when health news are instantly distributed all around the world by multimedia, it became generally known that developing countries are paying for their lack of resources with more lives lost and with worse living conditions in comparison with the developed countries. Globalization of the information distribution is only making this disparity more visible and delaying of clear policy on how to reduce it could cost developed countries much more than sophisticated programs to reduce such a disparity between people based on the difference of the resources in their living areas. Global Health and M-Health Initiatives are offering such programs. Based on the concept on using modern communication technology between remote point-of-care (sites at any place in the world where health professionals are delivering their services to the members of the local communities) and the highly specialized medical centers in the developed countries, the promoters of this program are expected to provide worldwide healthcare systems that will be more accurate, faster and less expensive than the current medical practices delivered on the site of medical needs. Our poster will present the MarkPap® System for low-cost global cervical cancer screening (cancer detection and diagnostics in service of global cancer control) based on M-Health and telemedicine devices integrated into web-based networking available for all areas where the Internet and cellphone connections are active.

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