INMP ASSESSES NEW ROBOTIC TELE-ECHOGRAPHY TECHNOLOGY

A pregnant woman and her baby in critical risk could be cared in a timely manner by highly skilled professionals from the prestigious National Perinatal Maternal Institute (INMP) without leaving their city. The expected impact due to the immediate attention and the resulting cost savings could contribute significantly to an improvement in Quality of Care for the mother - Child. This type of care is evaluated between June 7th and 14th by INMP in its mission to offer better health services to the various regions of the country and in the framework of cooperation between INMP and Health Technopole CENGETS of Pontifical Catholic University of Peru (PUCP). Notably Intercontinental Experience is the result of a joint initiative between the PRISME Laboratory of University of Orleans and CENGETS (PUCP).

For the progress made by INMP Specialized Consultation Telemedicine via High resolution teleconferencing systems with six cities in Peru, this option of care is added based on cutting edge technology such as Robotic Tele-ultrasound. Transcontinental Experience of Robotic Tele-ultrasound applied to Maternal Perinatal Diagnosis is achieved through the intervention of Health Technopole CENGETS of PUCP, in the context of scientific and technological cooperation that develops over several years INMP and who at the joint initiative with PRISME Research Laboratory at University of Orleans France that develops Robotic Tele-Echography for 15 years, has convened the French manufacturer of Tele-echography robotic devices Adechotech. Likewise CENGETS has convened gladly in this experience the involvement of project partner institution with INMP-Lima Maternity: University of Vermont, USA.

The experience consists of making Sono-echographic exploration with specialists' attendance from:

- INMP Hospital;
- Burlington, USA;
- Cyprus;
- Bourges, France;

They, from their respective locations, will perform the diagnostic procedure in patients located in remote locations. In Peru, they will be diagnosed those patients located at Regional Honorio Delgado Hospital in Arequipa and Lima.

Robotic Tele-Echography uses a small manipulator from the ultrasound transducer (robot) where the patient is. His orientation is controlled by the remotely located specialist, allowing scanning/exploration. Additionally it will use Tele-ultrasound system to provide a smooth communication environment with audio and video.
The tests will be held at the NICU of INMP:

- Friday June 8th: 9:30am to 12:30pm between: Lima; University of Vermont, Burlington, USA; University of Cyprus in Cyprus; and University of Orleans in France;
- Monday June 11th: 10:00am to 12:00 and from 02:00pm to 03:30pm between: Lima; Arequipa; Cyprus; and Bourges, France;
- Tuesday June 12th: 10:00am to 12:30pm and from 02:00pm to 03:00pm between Lima; Arequipa; Cyprus; and Bourges, France.