

Chapter 3 Examination on the Relevance of the Project

3-1 Project Effect

(1) Expected direct effects

For each objective facility, inspection equipment necessary for diagnosis in the obstetrics and gynecology departments are procured. The diagnosis capability is enhanced, for example the number of inspection items and number of inspections are increased. The treatment capability is also enhanced by the procurement of medical equipment necessary for operation rooms, delivery room and wards thus improving the services in the obstetrics and gynecology.

(2) Expected indirect effects

As a top referral hospital in the obstetrics and gynecology medical care in Kyrgyz and objective three oblasts, the diagnosis and treatment capabilities are enhanced and difference of diagnosis capability from lower-rank hospitals is made clear, thus contributing to the nationwide referral system.

(3) Forming of result indices

In the evaluation of this project, as result indices of topics (1) and (2), shift of the number of annual ultrasound diagnosis, number of Electrocardiograph inspections, number of X-ray inspections, number of mammography inspections, number of operations, and referral impatient ratio (for details, refer to the preliminary evaluation table in the attached material).

3-2 Recommendations

Success of the project depends on the fact that the word borne by Kyrgyz is executed at an appropriate period. Especially in the Human Reproduction Center, expansion of the obstetrics department and renovation work related to the X-ray inspection room, and removal of existing equipment to be replaced and necessary renovation work in the other facilities, must be complete before carry-in of the necessary medical equipment. For the equipment procured in this project to be operated more smoothly and effectively, the following points are desirable:

- (1) Secure the budget for purchasing necessary reagent, consumables and spare parts in order to continuously use the equipment procured in this project in a better condition.
- (2) Arrange the equipment maintenance system in order to continuously use the equipment procured in this project in a better condition.
- (3) Arrange the continued and periodical training system (including budget process) in order to use the equipment procured in this project more properly and efficiently.
- (4) In the delivery of medical care equipment, technical guidance by the supplier of the equipment is fully in practice as well as provision of the maintenance and inspection manual, operation manual and

circuit drawings. These manual needs to be utilized efficiently in order to effectively execute the maintenance of medical care equipment. Then, grasp the delivery date, use frequency and repair history of the material/equipment to maintain an equipment-based ledger (register book) as well as create a spare parts purchase plan and an equipment renewal plan then form a middle-to-long-term budget plan.

- (5) After the procurement of equipment in the project, it is preferable to prepare an annual report on the operating state of the equipment (number of high-risk deliveries, Caesarean sections, number of ordinary deliveries, number of outpatients/inpatients, number of referral patients, number of ultrasound diagnoses, number of electrocardiograph inspections, number of operations). By preparing this report, it is possible to grasp the operating state of the objective facility and use this report as a reference material for improving the facility operation.