

Main strategies used



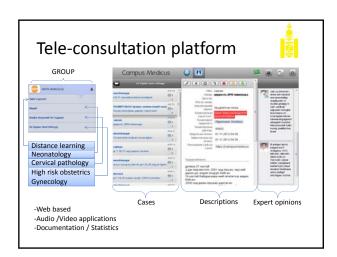
- Setting up fully functional tele-consultation network in remote hospitals
 - High risk obstetrics case management based on patient e-files
 - Prenatal US diagnostics image transfer
 - Newborn complication
 - Cervical pathology screening based on colposcopy and pap-smear imaging
- 2. Staff development and knowledge transfer
 - Facility upgrading with installation of quality diagnostic and treatment equipments
 - Capacity building of service providers on new innovative approaches and techniques using updated clinical reference materials.

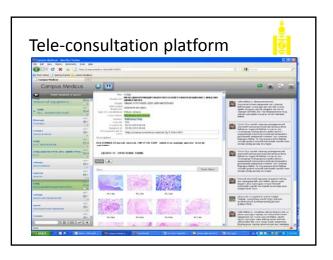
<u>Training more focused on hands –on clinical skills, more in work stations, as a team</u>

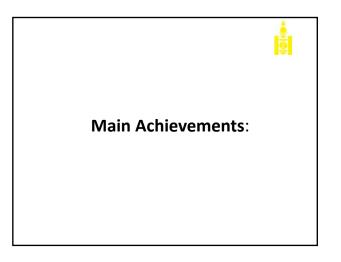
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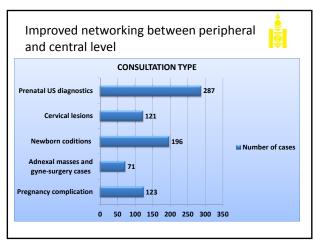


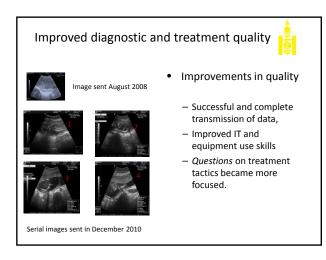
- 3. Setting up multidisciplinary expert team at reference
 - Clinical decision support (Tele-ward round)
 - Distance learning
 - Updating guidebook
 - Support Meetings and Congresses (once a year)
 - Team Spirit
 - Professional networking To reach international standards at central level
 - » McMaster University
 - » Korean hospitals
 - » ISUOG, Asian feto-maternal medicine foundation
 - » Swiss Surgical Team

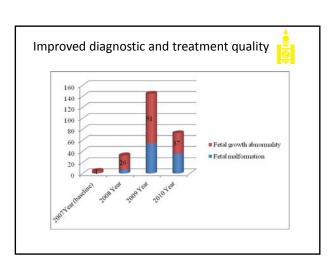


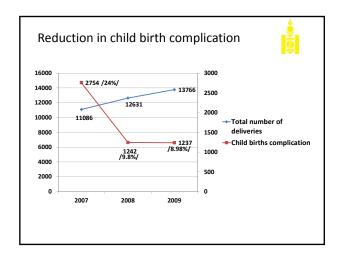


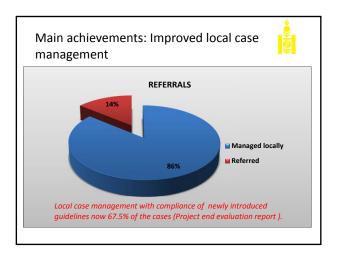


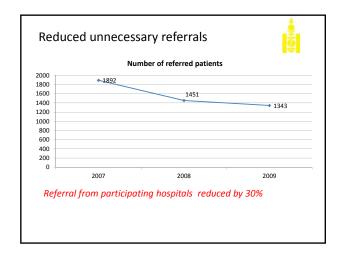














Potential Challenges / Lessons learnt



- Equipment maintenance
 - Electrical fluctuations
 - Biomedical staff
 - Local service agreement
- Internet Issues
 - Trained IT support
 - Speed (94 % store and forward)
 - High cost of internet
- Knowledge transfer
 - TOT model

- Image quality
 - More skills Continuous training
 - High resolution machines
 standardization of
 equipment may be
 essential
- Incentives for expert team
 - International training/conferences
- Financial????

Telemedicine in Mongolia -Sustainability



- Project contributed:
 - For better access to quality specialist services to vulnerable (distance)
- Sustainability
 - Good opportunity for further continuation- growing skills and knowledge of doctors
 - The increasing capacity of provincial hospitals and the progress made in policy level (eHealth strategy, are the valid reasons for project's continuation.

Conclusion



- Telemedicine is an excellent recourse for providing quality clinical management to women at risk of poor pregnancy outcomes in geographically remote areas.
- Efficient utilization of network for timely and appropriate care - can prevent emergency.
- Telemedicine a tool
 - Never replace local health care
 - It only serves as a support and educational mechanism
 - Successful coordination of parties is vital for a positive outcome.



A lucky mother, whose life was saved by telemedicine.

