

*Western States Regional Genetics Network (WSRGN)*  
**TeleGenetics Trainings/TA Evaluation Plan 2017-2018**

**Project Background and Purpose**

With the ultimate goal of improving access to genetic services, the WSRGN will develop, implement and evaluate at least four training sessions on key components of telemedicine technology for genetic providers. The purpose of the trainings is to increase the number of genetic counselors, medical geneticists or other providers who become sufficiently familiar with telemedicine to implement telemedicine services as part of their practice. The WSRGN team is uniquely positioned to offer trainings because of their decade-long experience in planning, providing and evaluating telemedicine services throughout the region. In addition to providing a minimum of four trainings within the region, the WSRGN team will explore feasibility of providing training to other regions, as well as providing technical assistance both within the Western region and other regions where feasible.

**Methods**

Four Western region training sessions are planned for the August 2017 – May 2018 period. Trainings are developed in conjunction with [\(description of how training locales and participants are recruited\)](#). Administrative Assistant emails post training survey to registrants X days after training and again X months after training. Participants complete an online questionnaire including both forced choice and open-ended questions related to demographics, practice type and locale, knowledge gained, likelihood of participating in telemedicine, actual participation in telemedicine, estimates of medically underserved patients seen if participating in telemedicine, and barriers to telemedicine program implementation.

Project Coordinator and Administrative Assistant work with Evaluator and NCC to develop data collection tools, tracking and reporting procedures. Project Coordinator and Evaluator work with partners to develop data collection procedures based upon partner preferences for ease, efficiency and optimal quality of data collection.

WSRGN staff Project Lead works with project partners, using Logic Model to track PDSA cycles in order to monitor progress on project goals. WSRGN Staff Lead, in conjunction with the Evaluator and Director, monitors overview of Logic Model. For technical assistance and consultation activities, staff who supply TA maintain records of qualitative and quantitative information regarding type of TA and provide this data to Evaluator. Evaluator analyzes data, summarizes findings and prepares reports for HRSA and WSRGN as indicated.

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**Western States Project Results**

Indicators	Data Source	Date Data Collected Time 1	Date Data Collected Time 2	Date Data Analyzed and Reported
1. Number of trainees	Registration forms	Training 1 Training 2 Training 3 Training 4		
2. Training program participant demographic and practice type descriptives	Post training survey – time 1			
3. Increased knowledge of training modular usefulness to practice	Post training survey – time 1			
4. Increased knowledge of feasibility of and barriers to using interactive video-conferencing for genetic visits	Post training survey – time 1			
5. Increased knowledge of training participation association with intent to participate in telegenetics practice	Post training survey – time 1			
6. Indicators of proportion of medically underserved patients served within participants' telegenetics services	Post training survey – time 1, 2			

**HRSA Reporting Requirements and NCC Evaluation Work Group Performance Measures**

Indicators	Data Source	Date Data Collected Time 1	Date Data Collected Time 2	Date Data Analyzed and Reported
<b>Performance Objectives</b>	Training surveys Director report			
1. By May 2020, increase by 20% percentage of clinical sites in WSGN that use telehealth to provide genetic services.				
2. By May 2020, increase by 20% number of medically underserved patients receiving genetic services through telemedicine visits.	Proxy estimated percents from training surveys			
<b>Reporting Requirements</b>	Staff records and training registration forms			
3. Number of technical assistance activities/services provided to genetic service providers.				
4. Number of health care providers receiving education or using RGN resources.	Training registration forms			

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5. Number of clinical sites that use telehealth/telemedicine to provide genetic services.	Post training surveys Director report			
<b>NCC Evaluation Work Group Performance Measures</b>  6. <b>Measure 3:</b> Increase the # of providers that are trained to use telemedicine/teleconsultation for genetic services. (Also addresses reporting requirement No. 3 above)	Training registration forms			

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