Supplemental File S1. Codes and Main Themes that Emerged from Data Analysis

Codes	Themes and subthemes
1. Nursing shortage	
2. Living in rural areas	
3. Lack of instructions and trainings	
4. Long hour shifts	
5. The structure of intra-organizational technologies	
6. Registered Nurses playing their roles based on the various tasks defined in the organization	**1.** Registered Nurses' views on using technology in their nursing practice
7. Extra workload	
8. Various organizations; various structures; different technologies	
9. Assimilating the RNs, especially the newcomers	1a. The integration between technology and nursing
10. The effects of Information and Communication Technologies on RNs' workload	1b. Registered Nurses' expectation of future technologies for reducing their workload
11. Registered Nurses' experiences working with Information and Communication Technologies	1c. Registered Nurses' attitude towards learning a new technology
12. The effects of E-learning on RNs' workload	
13. Registered Nurses' experiences working with Information and Communication Technologies	
14. Registered Nurses' attitudes towards Steadiwear gloves	
15. Registered Nurses' experiences working with E-learning	
16. The effects of mHealth on RNs' workload	
17. The effect of Steadi-One gloves on the independence of essential tremors patients	**2.** Factors affecting technology use by RNs
18. The effects of E-communications on RNs' workload	
19. Registered Nurses' experiences	2a. Decision making based

working with E-communications	→	on urban setting
20. The effects of Assistive Devices on RNs' workload	→	2b. Technology resources
21. Registered Nurses' experiences working with Assistive Devices	→	2c. Suitable training and support for using technology
22. Registered Nurses' experiences working with mHealth		