

P19043

8-29-2018

Use Scenario: Tester tells patient to sip water, patient lifts cup, device traces movements, transmission becomes noisy from external source, signal displays noise inconsistent with tremors, check is incorrect, we filter external noise, we feed forward correct data

Needs Refinement:

CR#	Importance	Description	Status
1	1	must accurately collect desired motion w/ sufficient resolution in time & Amplitude	
2	1	must accurately collect essential tremor motion w/ sufficient resolution in time & Amplitude	
3	1	must collect EMG signals from desired motion w/ sufficient resolution	
4	1	must collect EMG signals from tremors w/ sufficient resolution	
5	1	Data available for Real Time display	
6	1	must be lightweight	
7	2	Must be easy to use	
8	1	must be safely usable on multiple patients	
9	1	EMG & motion data must be correlated	
10	1	should require no external connections	
11	1	Data must be in a standard format & transferable to team P19045	
12	1	System should last at least 8 hours	

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