

ADAPTIVE NEURAL SYSTEMS LABORATORY

#15800646.4

Neural Enabled Prosthesis for Upper Limb Amputees

Research Study Contact Information:

Ranu Jung, Ph.D. Principal Investigator ANSIab@uark.edu 479-718-2390



ANS-NEPH System

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ANS-NEPH Participation Timeline

Pre-implant sessions				Duration	
Informational meeting (Location(s): A, B, or D)				~2 hrs	
Informed consent (Location(s): A or D)				~2 hrs	
Myoelectric prosthesis eligibility and fitting (Location(s): B)				~2 hrs/session (1-3 sessions)	
Neurological assessment (Location(s): C)				~2 hrs	
Surgical assessment/planning (Location(s): D/E)				~4 hrs	
Functional assessment – baseline (Location(s): A)				~10 hrs over several sessions	
System implantation (Location(s): A/B/D/E)					i i i i i i i i i i i i i i i i i i i
Implant session: pre-op, surgery, post-op (Location(s): D/E)				~8 hrs	
Post-implant observation (Location(s): D/E) (within 3-5 days post-surgery)				½ hr	
Post-implant fitting of myoelectric prosthesis (Location(s): A,B)				~10 hrs over several sessions	
Experimental sessions (Location: A)					
Phase	Time period		Frequency of sessions	Total Sessions	Duration per Session
1	Week 1 - 12		Set of 3 sessions every week	36	2-3 hrs
2	Week 13 - 24		Set of 3 sessions every 4 weeks	9	2-3 hrs
3	Week 25 - 104		Set of 3 sessions or* 1 session every 6 weeks	30	2-3 hrs
Locations:					
A		Research Site			
В		Prosthetic Practice			
С		Neurological Practice			
D		Surgical Practice			
E		Surgical Implantation			

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