SUPPLEMENTARY FILE 2: ONLINE SURVEY QUESTIONNAIRE

DEFINITIONS:

OCCUPATION-BASED PRACTICES ARE THOSE THAT EMBRACE OCCUPATION AS ITS CORE, BOTH AS A DESIRED OUTCOME OF INTERVENTION AND AS AN INTERVENTION MODALITY (GUZELKUCUK, DUMAN, TASKAYNATAN, & DINCER, 2007)

OCCUPATIONS ARE "THINGS THAT PEOPLE DO TO OCCUPY LIFE FOR INTENDED PURPOSE, SUCH AS PAID WORK, UNPAID WORK, PERSONAL CARE, CARE OF OTHERS, LEISURE, RECREATION, OR SUBSISTENCE" (CHRISTIANSEN & TOWNSEND, 2010, P. 421).

HOW OLD ARE YOU?

A. **22-30**
B. **31-40**
C. **41-50**
D. **51-60**
E. **61+**

HOW MANY YEARS OF EXPERIENCE DO YOU HAVE?

A. **0-3**
B. **4-15**
C. **16-25**
D. **25+**

IN WHAT SETTING DO YOU WORK ?

A. **ACADEMIA**
B. **PUBLIC HEALTH SECTOR (GOVERNMENT: SPECIFY DIFFERENT LEVELS OF CARE – PRIMARY, SECONDARY, TERTIARY)**
C. **PRIVATE HEALTH CARE SECTOR**
D. **OTHER(SPECIFY) _____**

WHAT IS THE AGE GROUP OF THE MAJORITY OF THE CLIENTS/PATIENTS YOU TREAT?

A. **<18 YEARS OLD**
B. **ADULTS BETWEEN THE AGE OF 18-55**
C. **>55 OLD**

HOW IMPORTANT DO YOU FEEL IT IS TO PROVIDE INTERVENTION THAT DIRECTLY ADDRESS CLIENT/PATIENT OCCUPATIONAL NEEDS?

A. **EXTREMELY IMPORTANT**

B. SOMEWHAT IMPORTANT

C. SOMEWHAT UNIMPORTANT

D. NOT IMPORTANT

HOW OFTEN DO YOU USE OCCUPATION-BASED ACTIVITIES WITH YOUR CLIENTS WITH UPPER LIMB CONDITIONS?

A. 0-25% OF THE TIME

B. 26-50% OF THE TIME

C. 51-75% OF THE TIME

D. 76-100% OF THE TIME

PLEASE SELECT THE ESTIMATED PERCENTAGE OF TIME YOU SPEND ON DIRECT INTERVENTION ADDRESSING EACH DOMAIN OF THE INTERNATIONAL CLASSIFICATION OF FUNCTIONING, DISABILITY AND HEALTH (ICF) WITH YOUR CLIENTS/PATIENTS WITH UPPER LIMB CONDITION OR INJURY.

DOMAIN	ESTIMATED % OF TIME SPENT ADDRESSING THE DOMAIN PER MONTH
IMPAIRMENTS OF BODY FUNCTIONS (THE PHYSIOLOGICAL FUNCTIONS OF BODY SYSTEMS INCLUDING PSYCHOLOGICAL FUNCTIONS) AND BODY STRUCTURES (PROBLEMS IN STRUCTURE AS A SIGNIFICANT DEVIATION OR LOSS) E.G., MUSCLE STRENGTH, SENSATION, RANGE OF MOTION	A. 0-25% OF THE TIME B. 26-50% OF THE TIME C. 51-75% OF THE TIME D. 76-100% OF THE TIME
ACTIVITY LIMITATIONS (DIFFICULTIES AN INDIVIDUAL MAY HAVE IN EXECUTING ACTIVITIES) AND PARTICIPATION RESTRICTIONS (PROBLEMS AN INDIVIDUAL MAY HAVE IN INVOLVEMENT IN LIFE SITUATIONS) E.G., EATING, DRESSING, MOBILITY, WORK, LEISURE.	A. 0-25% OF THE TIME B. 26-50% OF THE TIME C. 51-75% OF THE TIME D. 76-100% OF THE TIME
ENVIRONMENTAL BARRIERS FACTORS (THE PHYSICAL, SOCIAL, AND ATTITUDINAL ENVIRONMENT IN WHICH PEOPLE LIVE AND CONDUCT THEIR LIVES.)	A. 0-25% OF THE TIME B. 26-50% OF THE TIME C. 51-75% OF THE TIME D. 76-100% OF THE TIME

E.G., SOCIAL ENVIRONMENT, HOUSING AND COMMUNITY SERVICES, PRODUCTS AND TECHNOLOGY	

LIST UP TO SIX OCCUPATION-BASED INTERVENTIONS THAT YOU COMMONLY USE

RATE THE FREQUENCY WITH WHICH YOU USE THE FOLLOWING INTERVENTION ACTIVITIES/MATERIALS ON A SCALE OF 1 TO 5 (1 = NEVER, 5 = VERY OFTEN)

INTERVENTION	**1 NEVER**	**2 SELDOM**	**3 SOMETIMES**	**4 OFTEN**	**5 VERY OFTEN**
CARRYING OUT DAILY ROUTINE					
LIFTING AND CARRYING OBJECTS					
FINE HAND USE					
HAND AND ARM USE					
SELF-CARE					
DOMESTIC LIFE					
INTERPERSONAL INTERACTIONS AND RELATIONSHIPS					
WORK AND EMPLOYMENT					

DO YOU USE VIRTUAL REALITY TO PLAY GAMES TO IMPROVE ROM AND STRENGTH, AND SIMULATE OCCUPATION?

A. **YES**

B. **NO**

IF YES, PLEASE DESCRIBE HOW YOU USE VIRTUAL REALITY IN YOUR PRACTICE ?

IF YES, WHAT VIRTUAL REALITY SYSTEM DO YOU USE

_____

HOW WOULD YOU RATE THE SYSTEM THAT YOU USE

A. **VERY SATISFIED**
B. **SATISFIED**
C. **NEUTRAL**
D. **DISSATISFIED**
E. **VERY DISSATISFIED**

HOW DO YOU GRADE THE ACTIVITIES USING THE VIRTUAL REALITY SYSTEM ?

_____

ON A SCALE OF 1 TO 5 (1 = NEVER, 5 = VERY OFTEN), HOW OFTEN DO YOU USE THE FOLLOWING OUTCOME MEASURES?

OUTCOME MEASURES	**1 NEVER**	**2 SELDOM**	**3 SOMETIMES**	**4 OFTEN**	**5 VERY OFTEN**
PATIENT REPORTED OUTCOME MEASURES (E.G. DISABILITIES OF THE ARM, SHOULDER AND HAND (DASH) QUESTIONNAIRE, BOSTON CARPAL TUNNEL QUESTIONNAIRE, MICHIGAN HAND OUTCOMES QUESTIONNAIRE)					
CLINICIAN RATED OUTCOME MEASURES SUCH AS CARRYING, MOVING & HANDLING OBJECTS (E.G., FUNCTIONAL REACH TEST ;					

ACTION RESEARCH ARM TEST ;THE ARM MOTOR ABILITY TEST; WOLF MOTOR FUNCTION TEST)					
CLINICIAN RATED OCCUPATION BASED OUTCOME MEASURES (E.G., SMITH HAND FUNCTION EVALUATION, JEBSEN-TAYLOR HAND FUNCTION TEST)					
CLINICIAN RATED AND/OR PATIENT REPORTED OUTCOME MEASURES OF PERSONAL AND COMMUNITY LIVING INCLUDED BUT NOT LIMITED TO SELFCARE (E.G, BARTHEL INDEX, OBSERVATION OF ACTIVITIES OF DAILY LIVING)					
PATIENT REPORTED SATISFACTION OUTCOME MEASURES (E.G. PATIENT SATISFACTION SURVEYS)					
CLINICIAN RATED BODY FUNCTION AND STRUCTURE OUTCOME MEASURES E.G., GONIOMETRY, MANUAL MUSCLE					

TESTING, MONOFILAMENT TESTING, RANGE OF MOTION ASSESSMENT					

THANK YOU FOR PARTICIPATING IN OUR SURVEY AND FOR CONTRIBUTING TO FURTHERING THE RESEARCH WITHIN THE FIELD OF OCCUPATIONAL THERAPY.