

Case Study Using ICF Model (Ben)

Health Condition

Endocarditis s/p aortic valve replacement
 Middle Cerebral Artery Stroke
 Sepsis
 Substance Abuse Disorder
 Human Immunodeficiency Virus

Body Structures/Function (Impairments)

- Decreased PROM R shoulder, R wrist and R elbow
- Decreased motor control in RUE
- Decreased motor control in RLE- weakness in hip, knee and ankle
- Decreased strength in LLE/LUE and trunk
- Decreased sensation RUE and RLE to light touch and proprioception
- Decreased coordination RLE, absent coordination RUE
- Hypotonicity RUE and RLE
- Decreased ability to communicate
- Decreased ability to follow 2 step commands
- Decreased vision in L eye due to ptosis- possible R field cut
- Cardiovascular deconditioning
- Pain- appears worse in R shoulder and elbow
- Mild edema R hand
- Dysphagia

Activity (Functional Tasks)

Abilities	Limitations
<ul style="list-style-type: none"> • Able to roll to R with supervision • Able to sit statically without UE support • Able to reposition RUE with cues • Able to tolerate upright sitting for ½ hour • Able to perform basic hygiene in sitting after set up 	<ul style="list-style-type: none"> • Decreased ability to roll to L • Decreased ability to transition from supine<> sit • Decreased dynamic sitting balance • Decreased ability to transition from sit<> stand • Decreased static and dynamic standing balance • Decreased ability to transfer from bed<>chair • Decreased ability to ambulate with device • Decreased activity tolerance • Decreased ability to wash, dress, hygiene

Participation (Life)

Abilities	Restrictions
<ul style="list-style-type: none"> • Intact functional object use • Able to use call bell 	<ul style="list-style-type: none"> • Unable to engage in community ambulation • Unable to perform household tasks • Unable to grocery shop • Unable to perform financial management • Unable to play guitar • Unable to drive

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Contextual Factors			
Internal (Personal) Factors		Environmental Factors	
Positive	Negative	Positive	Negative
<ul style="list-style-type: none"> • Young age • Prior level of function independent • Improving medical condition • Supportive father • Supportive girlfriend • Engages in therapy 	<ul style="list-style-type: none"> • Substance abuse disorder • Poor premorbid coping skills • Possible premorbid untreated depression • Presence of infection • Sternal precautions- restrictions for using BUEs functionally • Low confidence and trust in medical community • Unemployed • Low health literacy • Decreased socioeconomic status 	<ul style="list-style-type: none"> • Home to return to • Currently has 24-hour monitoring in acute care hospital and access to professionals 	<ul style="list-style-type: none"> • Multiple stairs in home environment • Insurance constraints • Current environment is noisy, intimidating and leads to lack of sleep