



POTENTIAL FAILURE MODE AND EFFECTS ANALYSIS (PROCESS FMEA)

Process Name Rehabilitation Process

Process Responsibility Dr. Lorelei L. Suarez

Core Team

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Rev 5

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FMEA Date March 05, 2021

Process Function	Potential Failure Mode	Potential Effect(s) of Failure	S e v	Potential Cause(s) / Mechanism(s) of Failure	O c c	Current Process Controls	D e t	R P N	Recommended Action (s)	Responsibility	Target Date	Action Results				
												Actions Taken	S e v	O c c	D e t	R P N
Registration	Inaccurate patient data.	Delay in treatment leading to minor stress to the patients and healthcare workers	2	Typographical error	2	Verification by staff for the accuracy of encoded personal data	2	8	No Action Needed							
				Information given by patient/ caregiver is incorrect	2	Checking of patient's or caregiver's accuracy of personal data	2	8	No Action Needed							
Rehabilitation Intervention	Delayed rehab intervention	Delayed Rehab intervention leading to minor stress to patients and healthcare workers	3	Inadequate number of Physiatrist	4	Review schedule of Physiatrist	4	48	To coordinate with HR to conduct hiring of MO III, MO IV and MS	Department Head	March 2021					



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												Actions Taken	S e v	O c c	D e t	R P N
	Injury	Can worsen condition of patient	4	Inappropriate execution of therapeutic exercises/ activities	1	Monitoring that the prescribed therapeutic exercises/ activities are being properly executed	1	4	No Action Needed							
	Non rehabilitation intervention	Worsening patient's condition while performing prescribed	4	Non disclosure of patient's medical condition or ailment	2	Assessment of patient prior to initiating PT/OT treatment	2	16	No Action Needed							
				Patient has no PPE	2	Checking that patient is wearing PPE	2	0	No Action Needed							
	Fall	Injury or illness	3	Failure to thoroughly and accurately assess patient's strength, sensory perception, balance, coordination, and readiness for gait training	1	Checking of patient's strength, sensory perception, balance and coordination based on checklist	1	3	No Action Needed							
				The floor slippery floor	1	Checking and maintaining clean and dry floor	1	3	No Action Needed							
				Patient can not understand instructions	1	Verification of patient's dialect and assigning a staff who can translate instructions	1	3	No Action Needed							



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												Actions Taken	S e v	O c c	D e t	R P N
				Lack of knowledge of the caregiver in performing transfer	1	PT/OT staff trains and checks the caregiver during transfers of non-ambulatory patients from wheelchair to bed/chair	1	3	No Action Needed							
				Defective wheelchair or chair	1	Routine inspection of wheelchairs or chair prior to use	1	3	No Action Needed							
	Burn	Injury or illness	3	Malfunctioning or damaged equipment	1	Routine inspection of equipment prior to use	1	3	No Action Needed							
				High intensity current delivered through small electrodes	1	Checking that the correct electrode size is being used	1	3	No Action Needed							
				Patient with sensory impairment	1	Inspection and assessment of patient's skin integrity and sensory perception before and during treatment with heat, cold or electric current	1	3	No Action Needed							
				Failure of PT to verify from patient application of topicals prior to initiating treatment	1	Checking and verifying from patient if any topical or lotion was applied	1	3	No Action Needed							
				Hot packs are not adequately wrapped with towels	1	Checking that hot packs are adequately wrapped	1	3	No Action Needed							



Process Function	Potential Failure Mode	Potential Effect(s) of Failure	Severity	Potential Cause(s) / Mechanism(s) of Failure	Occurrence	Current Process Controls	Detect	RPN	Recommended Action (s)	Responsibility	Target Date	Action Results				
												Actions Taken	Severity	Occurrence	Detect	RPN
				IRR is too near the patient's skin	1	Checking that the IRR is placed at a proper distance from the patient	1	3	No Action Needed							
	Electric shock	Injury or illness	3	Malfunctioning equipment	1	Routine inspection of equipment and accessories prior to use	1	3	No Action Needed							
	Skin irritation	Injury or illness	3	Reaction to tape used or the electrical current	1	Checking if patient is allergic to adhesive tapes	1	3	No Action Needed							
	Burning sensation	Discomfort: Mild pain	3	Inadequate amount of gel applied	3	Checking that adequate amount of gel is applied to the area being treated	2	18	No Action Needed							
	Eye exposure to laser	Injury or illness	3	Not using protective goggles	1	Checking that patient and therapist are wearing goggles prior to treatment	1	3	No Action Needed							
	Sprain, strain, vertebral fracture, spinal instability	Injury or illness	4	Incorrect pull applied to patient during traction	1	Checking and verifying that the correct weight is applied	1	4	No Action Needed							
Infection Prevention and Control	Transmission of COVID-19 infection	Death	5	Non-disclosure of travel history, exposure to COVID-19 patient/suspect due to fear or stigma	2	Thorough screening of patients and informing them that it is unlawful to lie or conceal (possible) COVID-19 infection/exposure	2	20	No Action Needed							



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												Actions Taken	Severity	Occurrence	Detect	RPN
				Close and prolonged contact with the patient due to nature of the treatment; multiple areas treated, multiple interventions carried-out	3	Checking/observing social distancing (2 m), wearing PPE, modifying treatment approach to limit exposure to patient, and providing home program	3	45	Reiterate strict implementation of the preventive measures in the workplace, wearing of PPE, modifying treatment approach, and providing patient with home program	PT/OT	August 2020	Reiterated and ensured strict implementation of the preventive measures in the workplace, wearing of PPE, modifying treatment approach, and providing patient with home program. Sept 4, 2020	5	2	2	20
				Improper sanitation and use of contaminated/infected equipment and accessories	2	Checking that the equipment and their accessories are properly sanitized	2	20	No Action Needed							
				Improper utilization of linens and towels; Improper handling of used linens and towels	2	Checking that linens and towels are single-use only and are properly handled after use	2	20	No Action Needed							
				Improper disposal of trash and soiled PPEs	2	Checking that trash are properly segregated for disposal	2	20	No Action Needed							



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												Actions Taken	Severity	Occurrence	Detect	RPN
				Non compliance to health and safety standard protocols set by the DOH and ZCMC	3	Checking/observing social distancing (2 m), wearing of PPE, and avoiding congregating in an enclosed space	3	45	Strict implementation of the preventive measures in the workplace, avoiding congregation in an enclosed space, and reiterate health protocol	Department Head	August 2020	Reiterated and ensured strict implementation of the preventive measures in the workplace and avoid congregating in an enclosed space, Sept 4, 2020	5	2	2	20

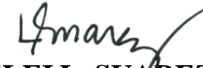
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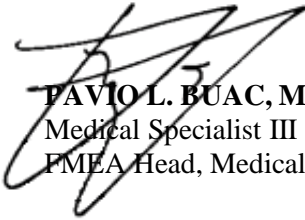


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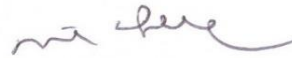
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