

Everyone's Smart University

Project (Spring 2021)

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Section

Master

Date

Thursday

18 / 03 / 2021.

Course Code

(PMG510)

Project Risk Management

Instructions:

- اخر موعد للتسليم هو يوم السبت 2021-05-08 في تمام الساعة ٩ مساءً.
- الإجابة متاحة باللغة الإنجليزية أو اللغة العربية مع مراعاة أن تكون المصطلحات العلمية باللغة الانجليزية.
- يتم تسليم المشروع في صيغة ملف . pdf مع الالتزام نموذج الجامعة ولن تقبل أي مستندات أخرى.
- يجب مراعاة أقسام البحث الرئيسية (مقدمة Introduction، دراسات علمية سابقة Literature Review، طريقة البحث Methodology، النتائج والمناقشة Results and Discussion ، وأخيراً المراجع References . وان كان هناك ملحقات Appendices يتم إضافتها)
- يجب الالتزام بـ Theme موحد كما يلي:
- حجم الخط 12.
- نوع الخط Arial.
- لون الخط أسود.
- المسافة بين الأسطر 1.5 line spacing
- عدد صفحات البحث (لا يقل عن ثلاث صفحات ولا يزيد عن ست صفحات).

Instructor's Name: Eng. Mosaab M. Hamed

Project Title: Therapeutic Suit Program

Introduction:

Sultan Bin Abdulaziz Humanitarian City (SBAHC) is one of the non-profitable projects of Sultan Bin Abdulaziz Al Saud Foundation, under the patronage of the late HRH Crown Prince Sultan Bin Abdulaziz Al Saud, "peace be upon his soul" SBAHC is a 511-bed Rehabilitation Hospital and Medical Centre which started its operation in 2002, providing Physical Rehabilitation and Medical Care to both inpatients and outpatients. SBAHC's Services are designed to assist in restoring health and function of people with disabilities whether in-born or following an acute illness, and to allow for a safe return to a home-based family. SBAHC is accredited by National and International Accrediting Bodies such as Saudi Central Board for Accreditation of Healthcare Institutions (SBAHI), Joint Commission International (JCI) standards, The International Federation for the Surgery of Obesity and Metabolic Disorders (IFSO), and Commission on Accreditation of Rehabilitation Facilities (CARF) wherein 8 of their Specialty Rehab Programs are accredited.(1)

Through the system of elastic rubber bands, a patient's body is aligned to as close to normal as possible. This restoration of the posture and proper function of postural muscles allows the patients to learn (or relearn) proper patterns of movement. The patient's body is loaded with very specific and unique pressure that restores deep proprioception from joints, ligaments and muscles. The TheraSuit provides external stabilization to the trunk and therefore allows more fluent and coordinated movement for both upper and lower extremities Fine and gross motor skills improve in 94% of patients. Speech productivity and fluency is noted in 64%. But the major improvement occurs in the vestibular system. (2)

Identifying Risks:

After we got the acceptance to initiate the project, we called for a meeting with different stake holders to brainstorm possible risk we may encounter, and then discussed which one we really need to address and consider in our risk management plan.

The following schedule identifies the Risks in relation to their Magnitude, likelihood and our overall rating of the Risk.

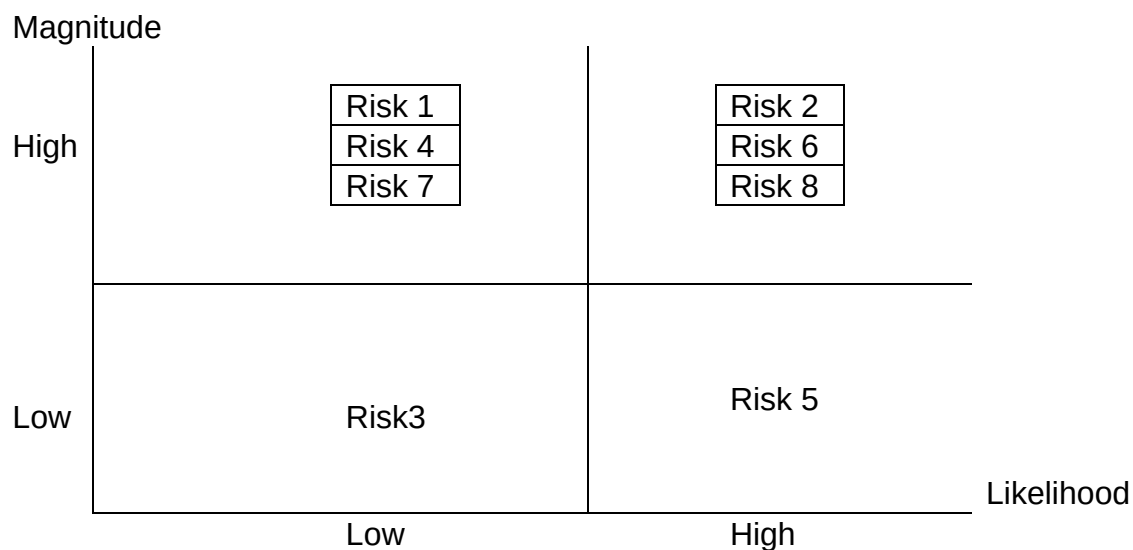
	Risk	Description	Magnitude	likelihood	overall impact
1	Lose the key person	key person responsible of teaching and tutoring	High	Low	High
2	Staff turnover	Staff who got training resign	High	High	High
3	Patient and family by in	Patient and family did not like these treatment approach	Low	Low	low
4	Equipment malfunction	Equipment malfunction	High	Low	High
5	Equipment storage	Location of storage and managing tools	Low	High	low
6	Communication	Communication between team member	High	High	High
7	Staff compliance	In using Thera suit with patient	High	Low	High
8	Bringing other therapy methods related to the suit	Opportunity	-----	-----	-----

For each risk we did an analysis on how it will affect our plan and out comes as follow:

Risk	Risk analyses
1	It will affect the cost (course Fees cost and Allowance), schedule will be paused until another staff get trained
2	It will affect schedule to train new members
3	It will affect repetition
4	Schedule will be affected until equipment and tools are fixed, cost for repair or replacing if needed
5	Low effect, it might affect the operation by slow it down

6	Proper communication and documentation are important to make sure program are running smoothly following stated schedules, documentations and reporting will be important to the higher management to see how the program are running
7	It will affect the program if it not running as expected, and the reputation as well
8	If the initial reports of the program reflect good outcomes then we can ask the higher management for budget to get another approach related to the same thearasuit school

And we developed the Risk Matrix



Results and discussion of Risk management plan:

Based on the previous outcome we will do the following:

Tolerate Risk #3: we will monitor if there is official family complain then will treat this risk.

Treat Risk #5: by monthly reporting from therapist aid via email to operational manager, C.c Project manager stating storage situation and any finding.

Transfer Risks# 1, 4 & 7:

Risk #1 transfer to director office to rearrange staff extra duties to delegates it to other members.

Risk #4: transfer it to purchasing to start a campaign for guarantee deal.

Risk# 7: transfer it to Human capital department for non compliant staff management.

Terminate Risks# 2,6 & 8:

Risk#2: due to current situation, we set a plan to education around 15 therapist first until the become competent then we will education another 15, Minimum number of staff we need to run the program is 4 therapist, by this even if we will have turnover our program will be running smoothly.

Risk# 6: Communication and documentation in the healthcare field is important to represent and protect our plan, we will set detailed plan with all stake holders on how to communication.

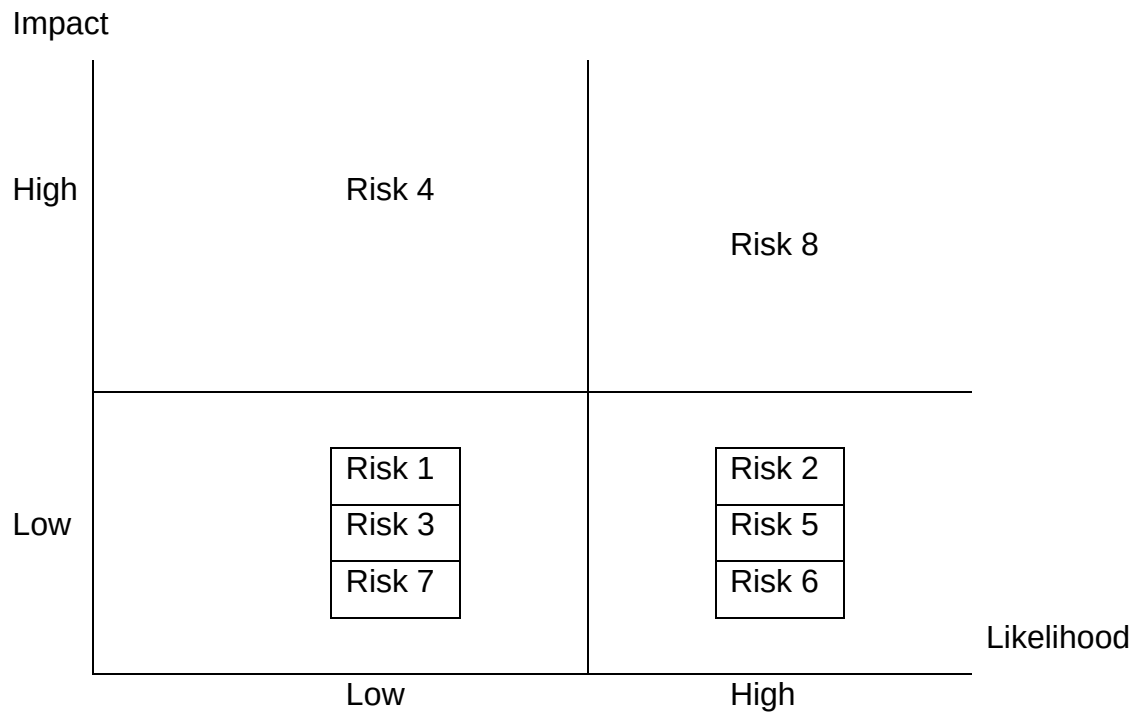
Risk # 8: If the initial reports of the program reflect good outcomes then we can ask the higher management for budget to get another approach related to the same therasuit school

So, the following schedule identifies the Risks in relation to their Impact, likelihood and our overall rating of the Risk, after our initial action:

	Risk	Description	Impact	likelihood	overall impact
1	Lose the key person	key person responsible of teaching and tutoring	Low	Low	Low
2	Staff turnover	Staff who got training resign	Low	High	Low
3	Patient by in	Patient and family did not like these approach	Low	Low	Low
4	Equipment malfunction	Equipment malfunction	High	Low	High
5	Equipment storage	Location of storage and managing tools	Low	High	low
6	Communication	Communication between team member	Low	High	Low
7	Staff compliance	In using Thera suit with patient	Low	Low	Low

8	Bringing other therapy methods related to theasuit	Opportunity			
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And the risk matrix show transfers of risk



References:

- 1) <https://sbahc.org.sa/en-us/AboutUs/Pages/About-us.aspx>
- 2) <https://storage.googleapis.com/production-mydomaincom-v1-0-2/402/574402/rqGsk2BJ/ed3be649de1f4e13a08ea3dbc0f536bd?fileName=TheraSuit%20Article.pdf>