



Strategic Priority: **SP2- KFSH&RC Experience**

Project Name

Enhancing Physical Therapy Outreach Program for brachial plexus pediatric patients

Site

Riyadh

Department

Physical therapy

Project Status

Completed

Project Start Date

04-01-2018

Project End Date

11-30-2018

Problem: Why the project was needed?

Patients undergoing brachial plexus surgery need extensive physical therapy post/surgery, which is proven to enhance the full recovery of the arm function, according to the evidence based study (1&2 reference), Brachial plexus surgeons and pediatric PT team experience. The physical therapy in collaboration with patient parents were able to manage these cases successfully, in restoring patients function and improving quality of life. However, Lack of parent's compliance in adherence to Home Exercise Program (HEP) that was given by the therapist, can have long term disabling effect on the patient's life.

Aims: What will the project achieve?

To increase post surgical outcomes - Quality of life, in relation to brachial plexus injury up to 50% by November 2018 in order to be able to manage those cases

Benefits/Impact: What is the improvement outcome?

(check all that apply)

- Contained or reduced costs
- Improved productivity
- Improved work process
- Improved cycle time
- Increased customer satisfaction
- Other (please explain)
Click or tap here to enter text.

Quality Domain: Which of the domains of healthcare quality does this project support?

(Select only one)

Patient Centred

Measures: Performance metrics to be evaluated

% post surgery Improved Outcomes

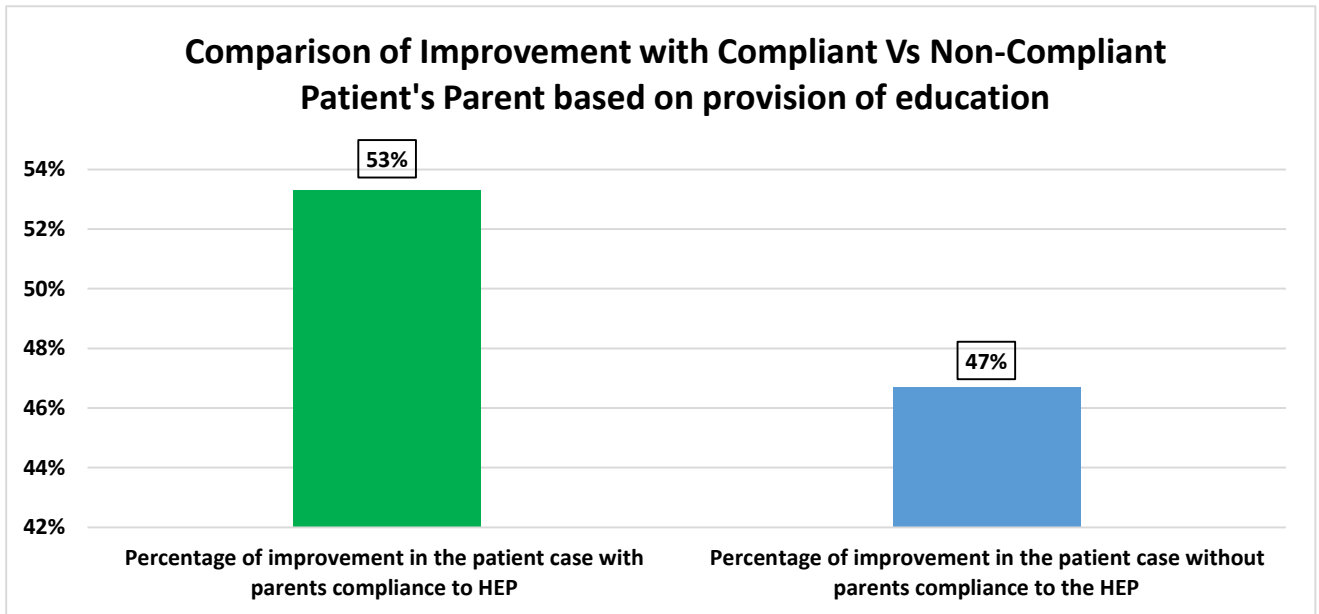
Targets: Expected outcomes

Up to 50%

Interventions: Overview of key steps/work completed

- Provide education to the family about the proper home exercise program, in order to Improve Joint range of motion, muscle strength and activities of daily life.
- Providing written Home exercise with pictures and logo to the parents to register the type and frequency of each exercise

Results: Insert relevant graphs and charts to illustrate improvement pre and post project
(insert relevant graphs, data, charts, etc.)



Project Lead

Name

(person accountable for project)

Samah Alharbi, Senior pediatric Physical Therapist

Team Members

Names

(persons involved in project)

Dr Nezar Hamdi, consultant, orthopedic surgery.
Lujain Bukhari, junior pediatric physical therapist