

Strategic Priority: **SPI- Medical, Research, Academic Research**

**Project Name**

National Hip Dysplasia Program (NHDP)

**Site**

Riyadh

**Department**

Orthopedics Department and health outreach services  
Department

**Project Status**

Completed

**Project Start Date**

11-01-2016

**Project End Date**

10-31-2018

**Problem:** Why the project was needed?

Following to KFSH strategic objective, we are seeking to improve the quality of care provided to children suffering from Hip Dysplasia problem on a national basis. Hip dysplasia is a very common musculoskeletal problem in the country that requires a specialized care which is lacking in several regions of the kingdom. This project targets delivery of effective and specialized care to hip dysplasia children with reduced waiting time to treatment and possibly reduced cost while maintaining the same KFSH and international standards of care.

**Aims:** What will the project achieve?

To decrease the waiting time for surgical treatment from the time of diagnosis until seen by MD from 10 to 2 months by October 2018 and sustain it over the coming years.

**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)

**Efficient**

<b>Measures:</b> Performance metrics to be evaluated	<b>Targets:</b> Expected outcomes
1. Waiting Time-from the time of diagnosis)	1. 2 months.
2. Percentage of treated patients in Program	2. At least 45%.
3. Patient satisfaction	3. 80%
4. Cost of DDH at KFSH	4. At least 2 million.

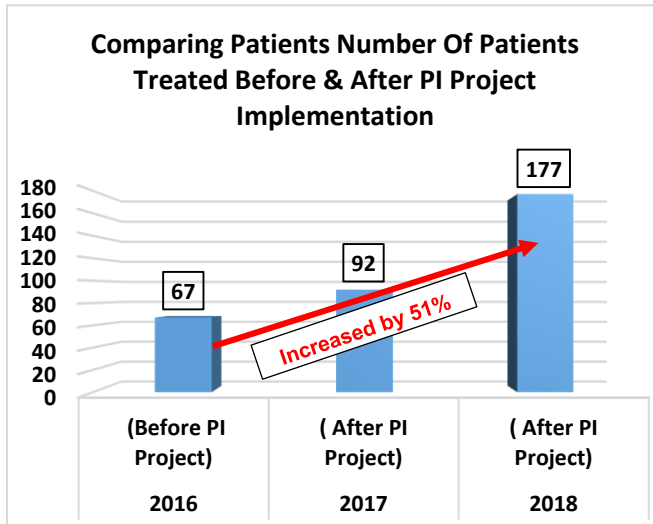
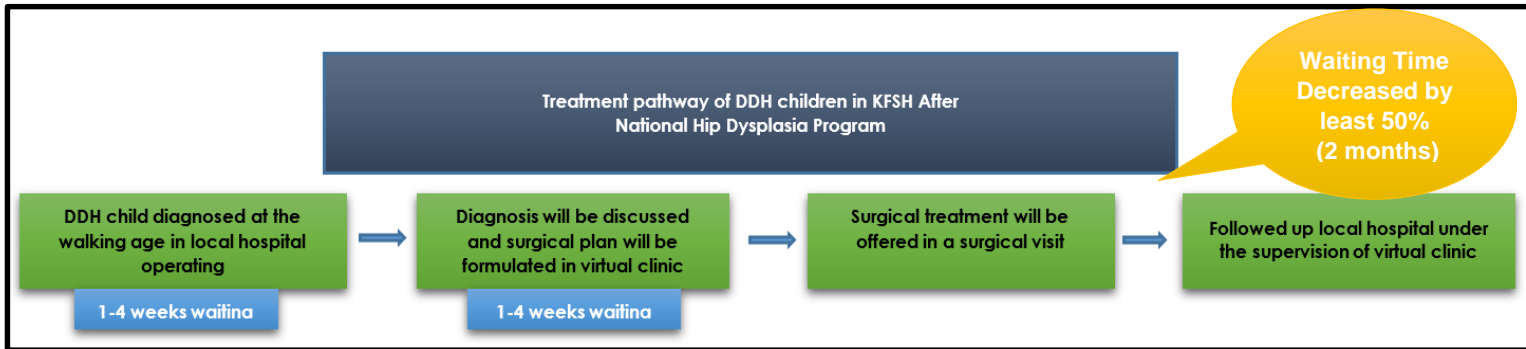
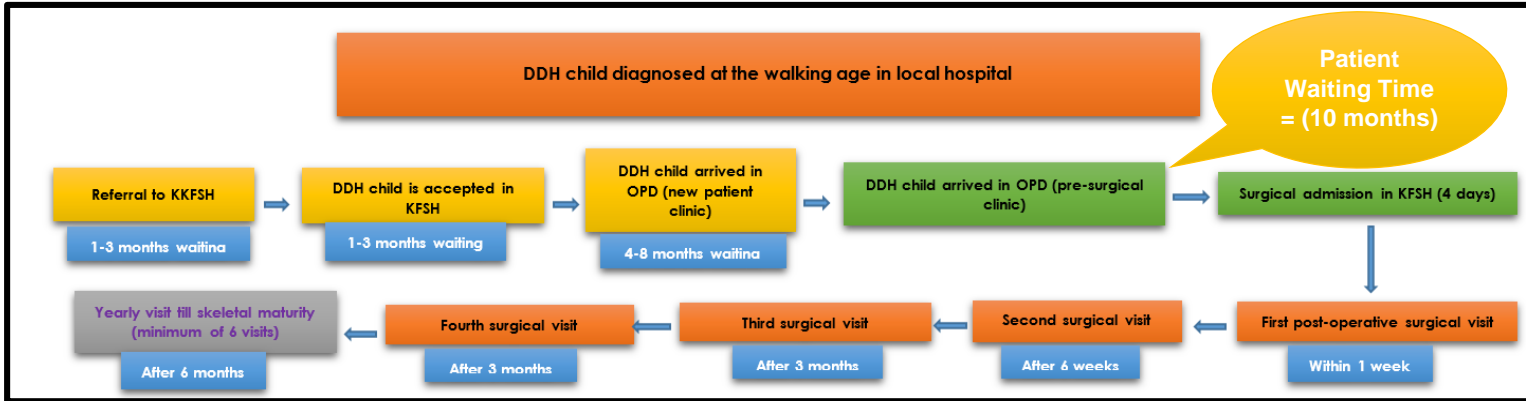
**Interventions:** Overview of key steps/work completed

- Re-design the process of diagnosing patients with DDH in the KFSHRC Hospital by increasing the accessibility of care, decreasing waiting time and cost.
- Assess and treat patients while they are in their home region instead of coming physically to the KFSH&RC hospital.
- Eliminate the unnecessarily repeated investigation.
- Provide education to health care professionals in the regions to manage this type of patients adequately.
- Provide expertise consultation and recommendation for the management plan even for not DDH patients.
- Initiate Virtual Clinic to assess patient treat in timely manner

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

**Total Cost for DDH Surgery Per Patient = 69,757**

Total Number of DDH –Operation Outside KFSH&RC Before & After Project					
Year	Q1	Q2	Q3	Total	KFSH Cost Saving
2016 (Before PI Project)	0	0	0	0	
2017 (After PI Project)	9	9	27	42	SAR 2,929,794.00
2018 (After PI Project)	42	32	42	116	SAR 8,091,812.00



**Patient's satisfaction survey**

4.2 Post-Operative Services	Very Good	Good	Fair	Poor	Very Poor	Positive Score Rating
a. How would you rate the nursing services?	36	9	6	1	0	87%
b. Response to concerns/complaints made during your visit	42	5	1	4	0	90%
c. Overall rating of the education you received	40	6	3	2	1	88%
d. How would you rate the Cast services provided by the Orthopedic technician?	37	8	6	1	0	87%

**Project Leader**

**Name**  
Dr. Thamer Alhussainan

**Team Members**

**Names**  
 Dr. Feras Alfraih  
 Ms. Alam Elnemair  
 Ms. Badawiyah Abdo  
 Ms. Hanan Aleissa  
 Mr. Naif Alharby  
 Mr. Abdulrahman Albadrani - Al Ras General Hospital:  
 Mr. Aied Alenazy - Arar Central Hospital:  
 Mr. Raed Alnooman - Prince Muteb Hospital :