Project Name

Develop virtual cross-match software for Deceased donor transplantation

Site	Department
Riyadh	Department of Pathology & Laboratory Medicine

Project Status	Project Start Date	Project End Date
Completed	01-01-2017	08-31-2017

Problem: Why the project was needed?

Due to high number of highly immunized risk patients waiting for kidney transplant, identifying best match patient for every offered organ is almost impossible to be done in a manual manner. Therefore, HLA laboratory team did a literature and market review and came up with a need to develop a software with a support of free-lancer that enable us to achieve the goal which is transplanting the highly sensitized patients

Aims: What will the project achieve?

To decrease the waiting list for high risk immunized kidney transplant patients at least 10% by the end of 2017; this decrease will be on-going and will show better results by time.

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)

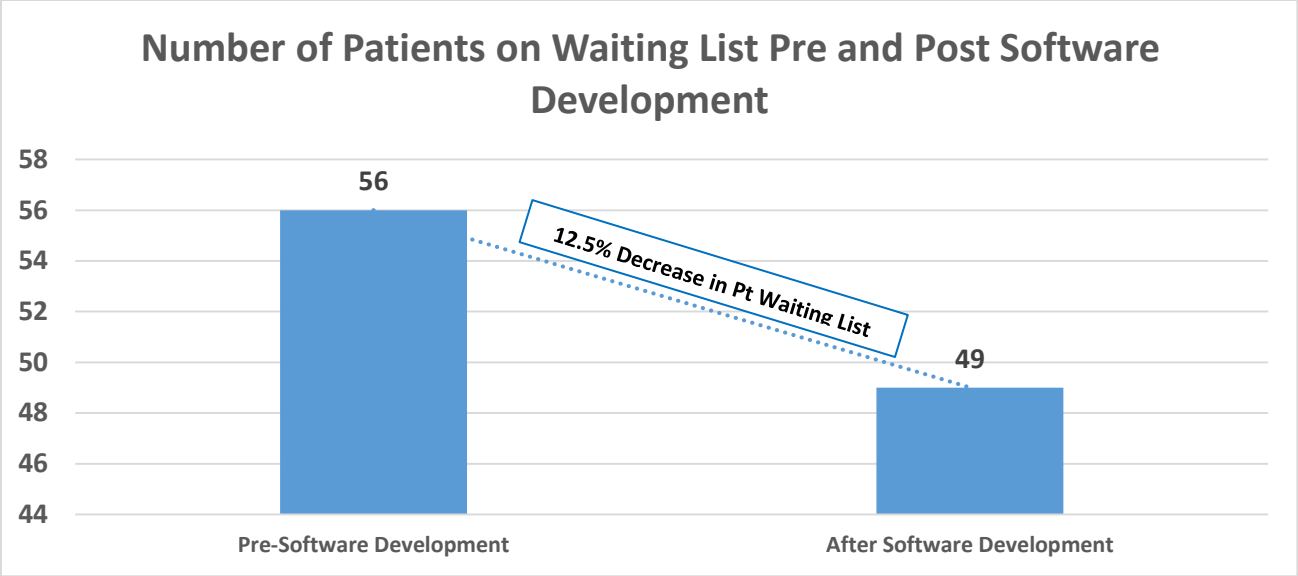
Patient Centred

Measures: Performance metrics to be evaluated	**Targets:** Expected outcomes
Patient on Waiting List (Number)	10% decrease

Interventions: Overview of key steps/work completed

- Development of software program
- Performing data validation on the software on fake patients
- Implementation and Go Live

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



Project Lead	Team Members
Name *(person accountable for project)*	**Names** *(persons involved in project)*
Fadi Al-Zayer, HLA Laboratory Supervisor	- Dr. Moheeb Al-Awwami, Senior Clinical Scientist, HLA Laboratory - Sahar Sandoodah, Senior HLA Technologist - Ahmad Al-Madan, Student