مستشفى الملك فيصل التخصصي ومركز الأبحاث
King Faisal Specialist Hospital & Research Centre
Gen. Org. مؤسسة عامة

All Committed to Improve 2018
Performance Improvement Project Charter

Strategic Priority: SP3- Organizational Sustainability

Project Name

Enhancing post thaw viability of cord blood units

Site	Department
Riyadh	Pathology And Laboratory Medicine- Stem Cell Cord Blood Bank (SCCBB)

Project Status	Project Start Date	Project End Date
Completed	02-05-2017	02-25-2018

Problem: Why the project was needed?

Recently, Stem Cell Cord Blood Bank noticed an incident in which data showed a low percentage of viability of post thaw cord blood unit. Therefore, this project was selected, to increase the viability of thawed cord blood units after reviewing evidence based literature.

Aims: What will the project achieve?

To increase the percentage of viability of thawed cord blood units at stem cell cord blood bank from 54% to at least 70% by the end of February 2018.

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

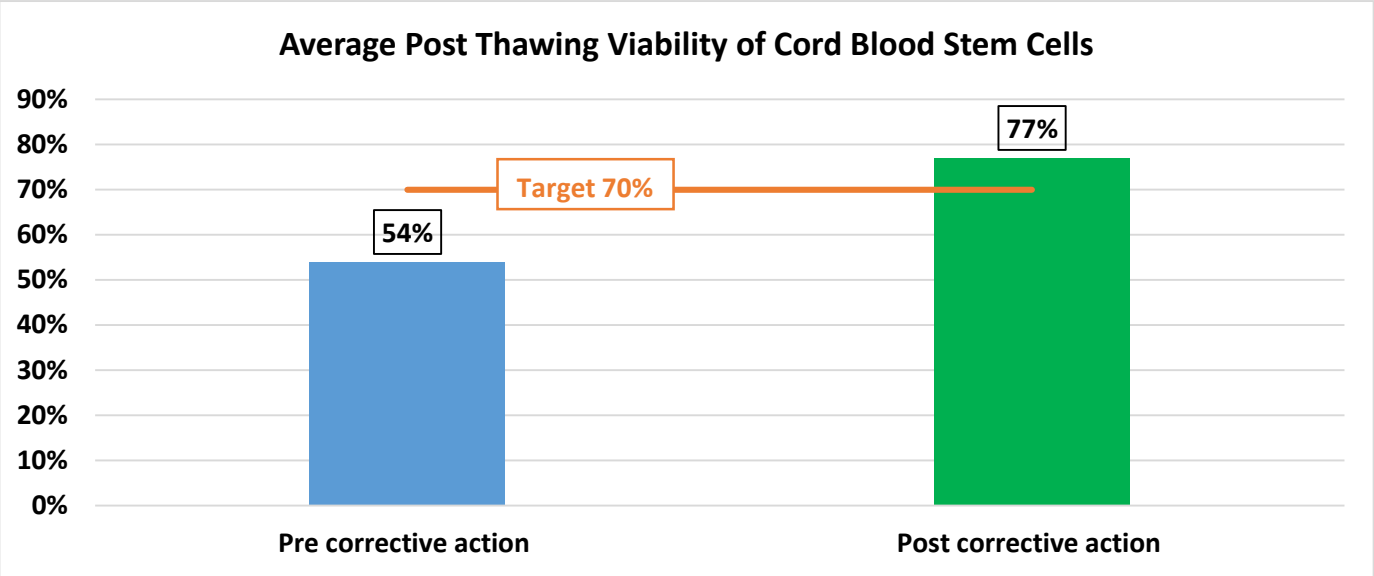
Measures: Performance metrics to be evaluated	**Targets:** Expected outcomes
Percentage of Viability of thawed cord blood units	At least 70%

Interventions: Overview of key steps/work completed

- Collect data on Stem Cell Cord Blood.
- Do Root Cause Analyse to understand and to close the gap.
- Identify the root cause of low percentage viability.
- Review literatures.
- Suggest / brainstorm corrective action.
- Implement corrective action.
- Update the stem cell cord blood policy based on the newly approved methodology.
- Educate staff on the new policy/procedure.
- Collect new data.
- Monitor the success and increase in the post thaw viability percentage.

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

	Pre corrective action	Post corrective action
Average Post Thawing % Viability	54 %	**77%**



Project Lead	Team Members
Name *(person accountable for project)* Dr. Hind AlHumaidan	**Names** *(persons involved in project)* Sahar AlAlem Mohammed Badawi Manal Yaghmour