2017 Performance Improvement Report

STRATEGIC PRIORITY

 3. Improve efficiency and decision-making

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| **Project Name** |
| Streamlining Allergy Documentation between ICIS & Pharmacy systems |
| **Site** | **Department** |
| Riyadh | Pharmaceutical Care Division |
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| **Project Status** | **Project Start Date** | **Project End Date**  |
| Completed | 10-01-2017 | 11-12-2017 |

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| **Problem:** Why the project was needed?Cerner Health Information System uses a perpetual drug coding system called “Multum” while ScriptPro™ Pharmacy Management System is using an open license-based drug library called “First Data Bank (FDB)”; this resulted in exchanging an un-codified data between both systems, which was not recognized by ScriptPro™ Pharmacy Management System. The data exchange was recognized only as a free-text which endanger patient lives because systems cannot deal with free-text and no allergy decision support rule could be triggered. | **Aims:** What will the project achieve?To documented all allergy across different drug prescribing systems; also to codify 80% of medication allergy nomenclatures in ICIS and interface them in real-time with the outpatient pharmacy management system (ScriptPro™) by the end of 4Q 2017. |
| **Benefits/Impact:** What is the improvement outcome?*(check all that apply)*[ ]  Contained or reduced costs[ ]  Improved productivity[x]  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)***Safe** |

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| **Measures:** Performance metrics to be evaluated | **Targets:** Expected outcomes |
| 1. Documented allergy across all different drug prescribing systems (%).
2. Codified medication allergy (%).
 | 1. 100%
2. 80%
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| **Interventions:** Overview of key steps/work completed* Update all patients’ allergy profile in a codified format
* Codify 1471 Multum drugs and the rest were sent as others to ScriptPro™
 |
| **Results:** Insert relevant graphs and charts to illustrate improvement pre and post project*(insert relevant graphs, data, charts, etc.)* |

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| **Project Lead** | **Team Members** |
| **Name** *(person accountable for project)* | **Names***(persons involved in project)* |
| Ahmed Aljedai | Abdulgader AlmoeenShaima Alolabi |