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  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% | |
| **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 Almoeen  Shaima Alolabi |