



Stewardship app

The Stewardship app is a clinical cost transparency tool for meds, labs, and rads, and suggests lower cost alternatives without disrupting provider workflow.

MEDS
Daptomycin IVPB (\$425.63/day) -> Linezolid IV (\$182.33/day) Daptomycin should be reserved for tx of non-pneumonia Staph or enterococcus when vancomycin MIC is >1.5 or for life-threatening infections with strong suspicion of MRSA or VRE. Linezolid or Vanco may be less costly viable alternatives. <small>UWHealth Daptomycin Guidelines 2013</small>
LABS
Phosphorus (Suggested min interval: normal 7d; abnormal 1d) Phosphorus testing generally should be performed no more frequently than every 7 days unless abnormal <small>Am J Kidney Dis. Vol. 46, No. 4, Suppl 1, Oct 2005</small>

Med Switches	Days	Cost
Daptomycin IVPB → Linezolid 600mg IVPB	x 1	\$243.30
Ketorolac Inject Solution → Ibuprofen Oral Tablet	x 1	\$25.28
Lab Interval Opportunity	Tests	Cost
Phosphorus	x 2	\$12.90
Hemoglobin A1C	x 2	\$26.42

Total Cost Opportunity	\$307.90
Total Med/Lab Spend This Admission	\$923.50



The app displays iatrogenic risk data alongside the wholesale costs of scheduled medications, lab, and radiology tests, giving providers the information they need to give value based care. **On a DRG-adjusted basis, the app has produced a \$170.16-per-admission decrease, on average, in the cost of inpatient medications, labs, and radiology tests.** No negative effects on mortality, readmissions, or length of stay have been observed.

The Ribbon displays the cost of medications (by cost per day of scheduled orders), lower cost and dose-equivalent alternatives (if applicable and on formulary) as well as the increased risk of C. difficile from antibiotics and proton pump inhibitors, risk of adverse drug reactions from polypharmacy and excess fall risk from sedatives and opioids.

Name	Date	Cost/test
XR Chest 1 VM AP Portable	3/2	\$24.61
CT Abdomen/ Pelvis w/ contrast	3/2	341.40
CT Chest w/ contrast	3/2	250.78
XR Knee 4V	3/2	\$43.75

It displays the cost of imaging, but also reveals cumulative medical radiation exposure across patient encounters and estimates the associated cancer risk based on patient-specific factors to frame physics metrics into human terms. In all cases, "costs" means the wholesale supply cost to produce the item and not charges to the patient.