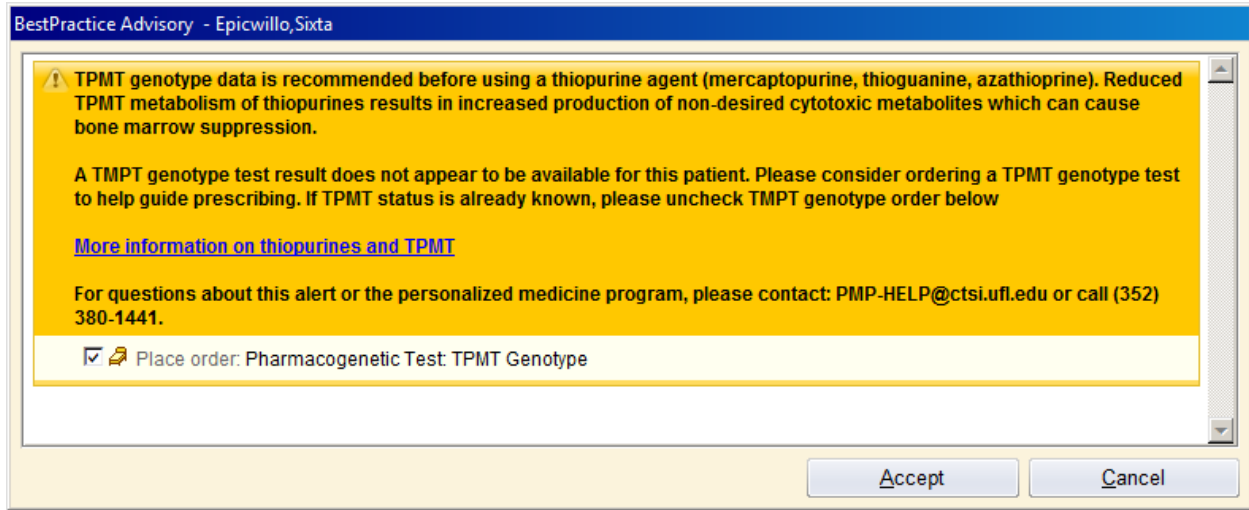
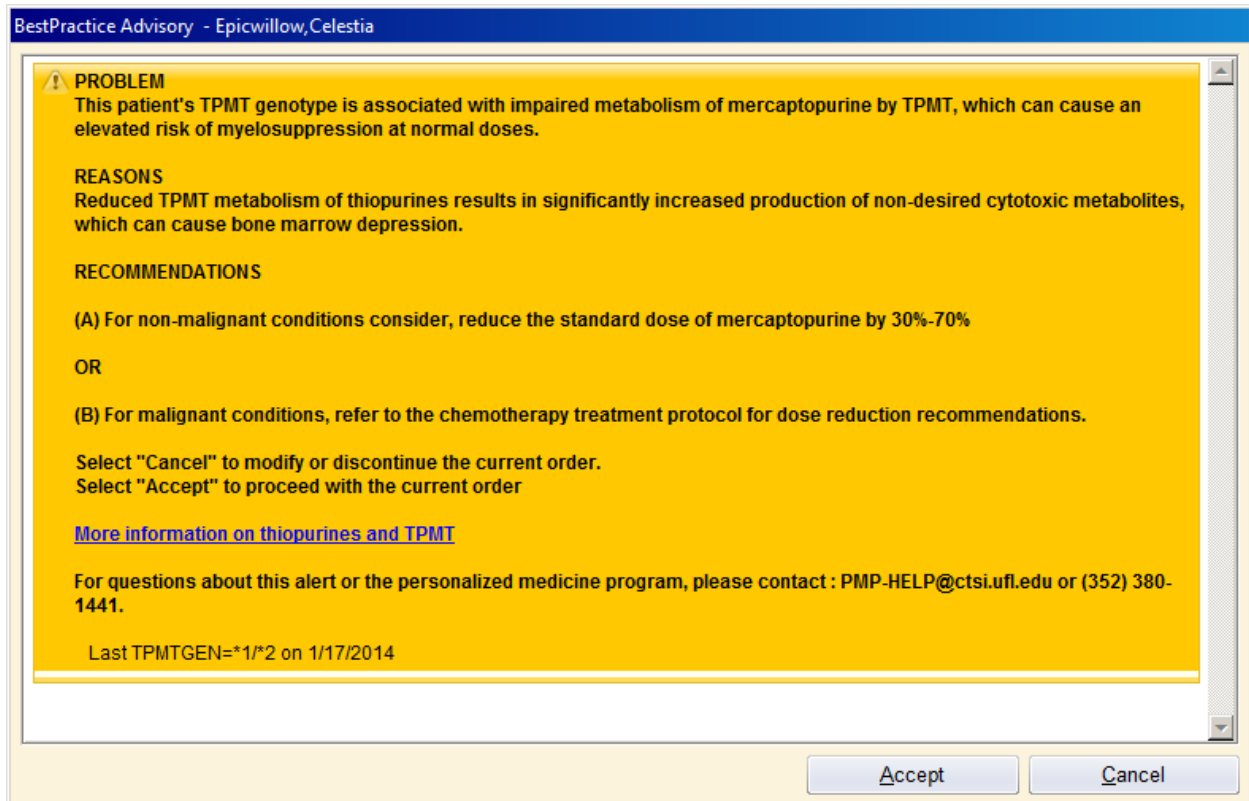


TPMT BPA SCREENSHOTS

1. BPA if TPMT drug ordered for a patient with no reported TPMT genotype:



2. BPA for Heterozygous TPMT genotype when TPMT drug ordered



3. BPA for Heterozygous TPMT genotype when TPMT drug ordered

PROBLEM

This patient's TPMT genotype is associated with very impaired metabolism of mercaptopurine by TPMT, which can cause an elevated risk of myelosuppression at normal doses.

REASONS

Reduced TPMT metabolism of thiopurines results in significantly increased production of non-desired cytotoxic metabolites, which can cause bone marrow depression.

RECOMMENDATIONS

(A) For non-malignant conditions consider alternative non-thiopurine immunosuppressant therapy

OR

(B) For malignant conditions, refer to the chemotherapy treatment protocol for dose reduction recommendations.

Select "Cancel" to modify or discontinue the current order.

Select "Accept" to proceed with the current order

[More information on thiopurines and TPMT](#)

For questions about this alert or the personalized medicine program, please contact : PMP-HELP@ctsi.ufl.edu or (352) 380-1441.

Last TPMTGEN=*2/*3A on 1/17/2014

Accept

Cancel