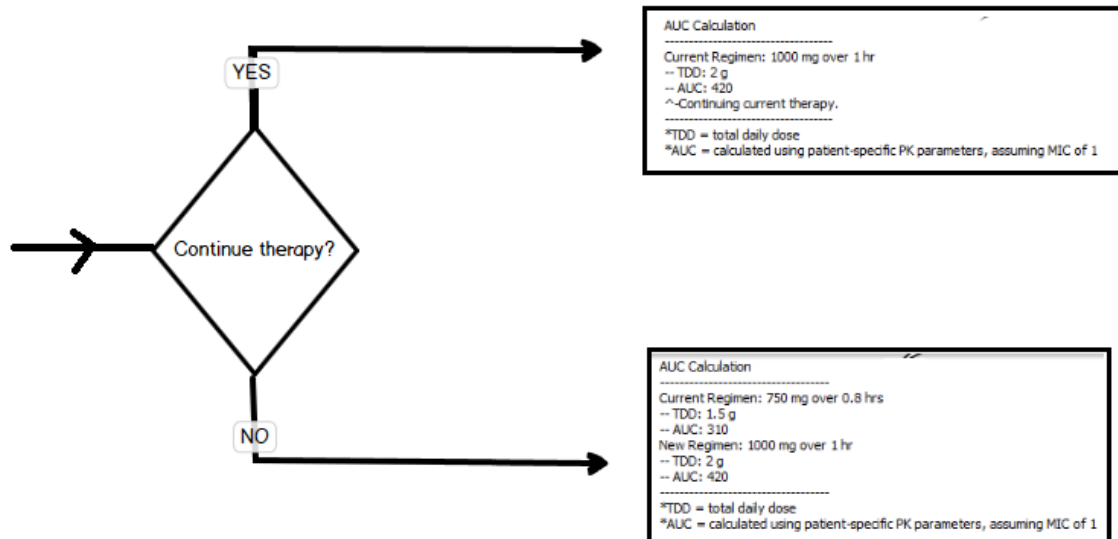


Aug-5th Follow up

☒ Removed population AUC from calculator to prevent confusion in Progress Note.

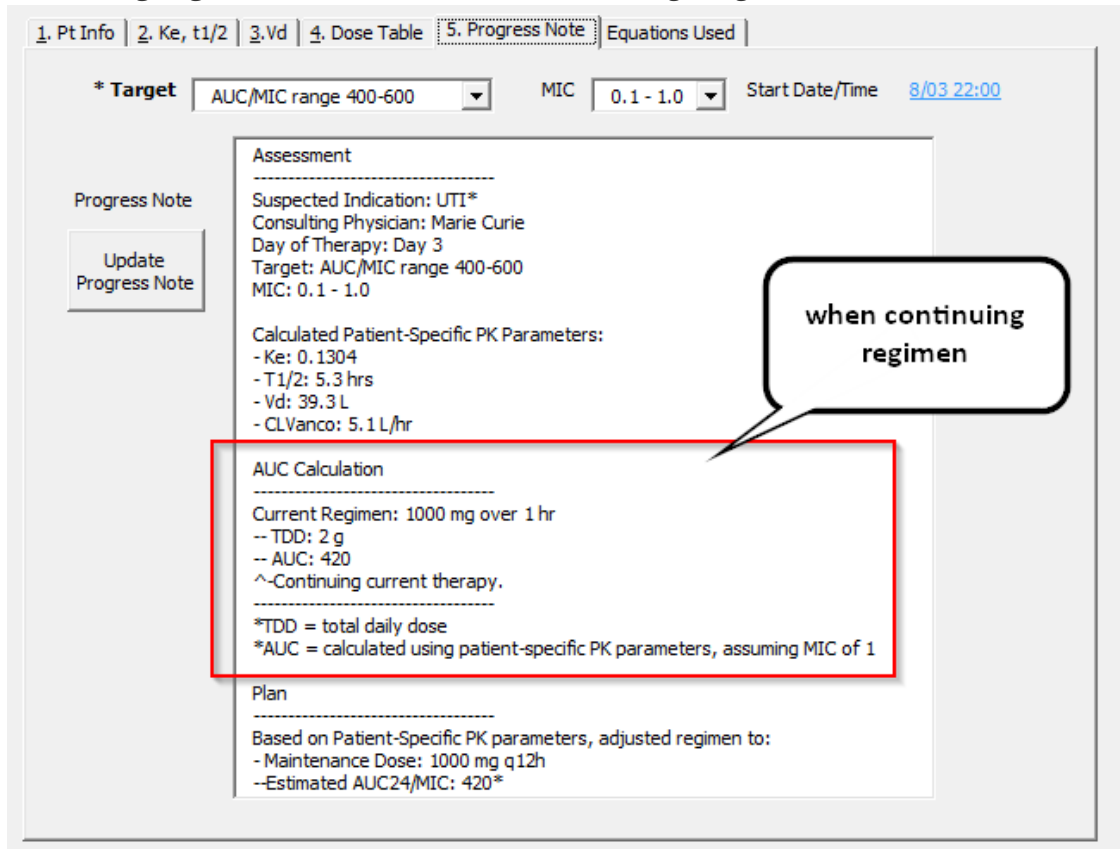
Branch point:



1. **New Regimen:** What it looks like when a new regimen is selected.

The screenshot shows the "Progress Note" tab of a clinical calculator. The "Assessment" section contains patient information: Suspected Indication: UTI*, Consulting Physician: Marie Curie, Day of Therapy: Day 3, Target: AUC/MIC range 400-600, and MIC: 0.1 - 1.0. Below this, "Calculated Patient-Specific PK Parameters" are listed: Ke: 0.1304, T1/2: 5.3 hrs, Vd: 39.3 L, and CLVanco: 5.1 L/hr. A red box highlights the "AUC Calculation" section, which shows the current regimen (750 mg over 0.8 hrs, TDD: 1.5 g, AUC: 310) and the new regimen (1000 mg over 1 hr, TDD: 2 g, AUC: 420). A speech bubble points to this section with the text: ☒ removed population AUC from calculator to prevent confusion in Progress Note. The "Plan" section at the bottom states: "Based on Patient-Specific PK parameters, adjusted regimen to:". The top navigation bar includes tabs for "1. Pt Info", "2. Ke, t1/2", "3. Vd", "4. Dose Table", "5. Progress Note", and "Equations Used".

2. Continuing Regimen: What it looks like when continuing a regimen.



1. Pt Info | 2. Ke, t1/2 | 3. Vd | 4. Dose Table | 5. Progress Note | Equations Used

* Target: AUC/MIC range 400-600 MIC: 0.1 - 1.0 Start Date/Time: 8/03 22:00

Progress Note

Update Progress Note

Assessment

Suspected Indication: UTI*
Consulting Physician: Marie Curie
Day of Therapy: Day 3
Target: AUC/MIC range 400-600
MIC: 0.1 - 1.0

Calculated Patient-Specific PK Parameters:
- Ke: 0.1304
- T1/2: 5.3 hrs
- Vd: 39.3 L
- CLVanco: 5.1 L/hr

AUC Calculation

Current Regimen: 1000 mg over 1 hr
-- TDD: 2 g
-- AUC: 420
^Continuing current therapy.

*TDD = total daily dose
*AUC = calculated using patient-specific PK parameters, assuming MIC of 1

Plan

Based on Patient-Specific PK parameters, adjusted regimen to:
- Maintenance Dose: 1000 mg q12h
--Estimated AUC24/MIC: 420*

As always, I'm open to feedback on language used, style of what's defaulted!

☒ Evaluated if monitoring form can automatically calculate CrCl

I'm working on it!! I don't have a deliverable for this week!

Next Steps

Working on..

- ☐ **Monitoring Form**: Solution for combining Genevieve's monitoring form, functionality of calculated CrCl in monitoring form.

Still thinking about ...

- ☐ **PostLevels**: Levels/Labs helper after inputting levels
- ☐ **PatientList**: Day of therapy / Timeout to Patient List - Need to add logic for Timeout (48-72 hrs?)
- ☐ **User Guide**: Edit guide to update information
- ☐ **NewConsult**: Add "Transfer to DMC Calculator" for **New Consult** userform