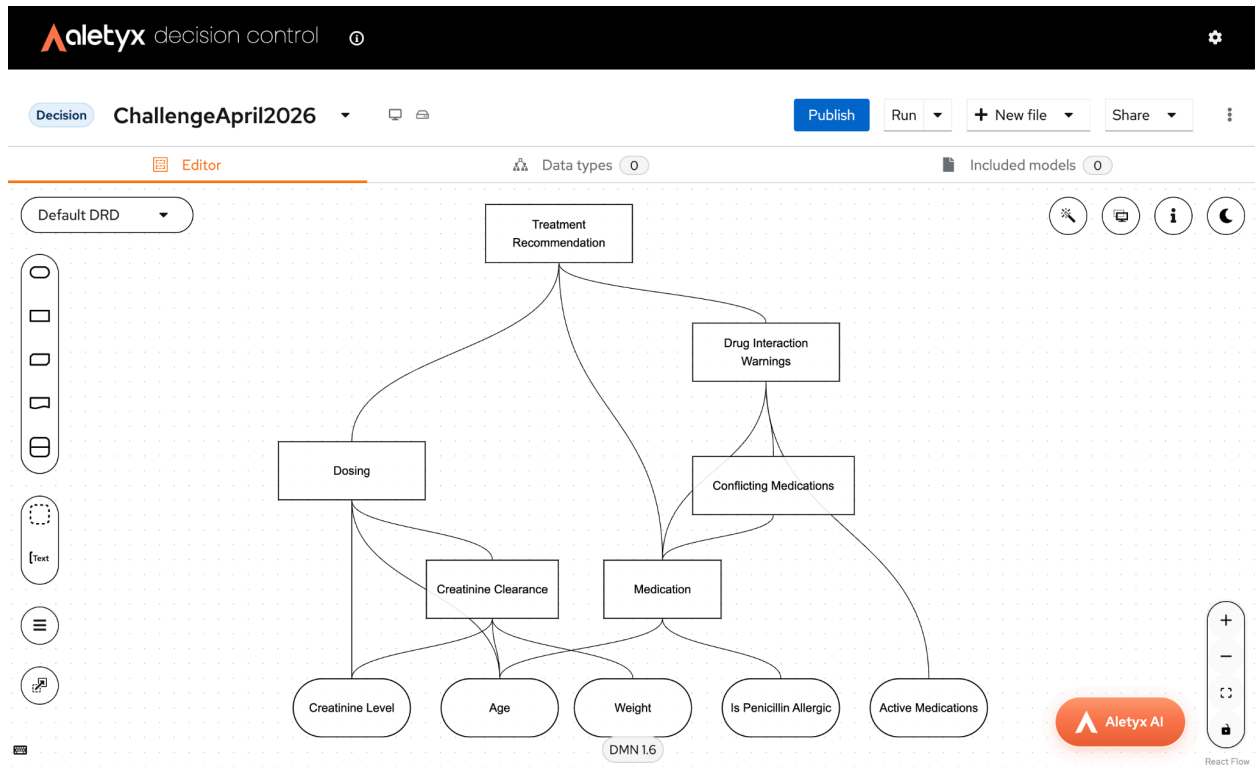


Challenge Apr-2026

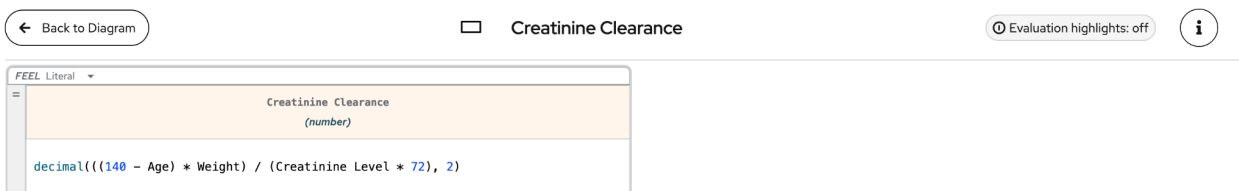
Agentic Medical Services

The following DMN file was fully created by the AI Assistant, video link [here](#), without any additional manual change nor additional prompts.

Link for the Aletyx live playground [here](#).



Decision Nodes



Decision table				
F	Is Penicillin Allergic (boolean)	Age (number)	Medication (string)	Annotations
1	true	-	"Levofloxacin"	
2	false	>= 18	"Amoxicillin"	
3	false	< 18	"Cefuroxime"	

Decision table					
F	Creatinine Level (number)	Creatinine Clearance (number)	Age (number)	Dosing (string)	Annotations
1	> 1.4	< 50	-	"200 mg every 24 hours for 14 days"	
2	-	-	[15..60]	"500 mg every 24 hours for 14 days"	
3	-	-	< 15	"200 mg every 24 hours for 14 days"	
4	-	-	> 60	"200 mg every 24 hours for 14 days"	

Decision table						
C?	Medication (string)	Conflicting Medications (Any)				Annotations
		Medication1 (string)	Medication2 (string)	Interaction (string)	Risk (string)	
1	"Levofloxacin"	"Levofloxacin"	"Coumadin"	"Increases anticoagulant effect"	"Elevated bleeding risk"	
2	"Levofloxacin"	"Levofloxacin"	"Antacids (aluminum, magnesium)"	"Reduces levofloxacin absorption"	"Reduced antibiotic effectiveness"	
3	"Levofloxacin"	"Levofloxacin"	"Calcium supplements"	"Reduces levofloxacin absorption"	"Reduced antibiotic effectiveness"	
4	"Levofloxacin"	"Levofloxacin"	"Iron supplements"	"Reduces levofloxacin absorption"	"Reduced antibiotic effectiveness"	
5	"Levofloxacin"	"Levofloxacin"	"Zinc supplements"	"Reduces levofloxacin absorption"	"Reduced antibiotic effectiveness"	
6	"Levofloxacin"	"Levofloxacin"	"NSAIDs (ibuprofen, naproxen)"	"Increases CNS stimulation"	"Seizure risk"	
7	"Levofloxacin"	"Levofloxacin"	"Antidiabetic drugs (insulin, glipizide)"	"Disrupts blood sugar regulation"	"Hypoglycemia or hyperglycemia"	
8	"Levofloxacin"	"Levofloxacin"	"Antiarrhythmics (amiodarone, sotalol)"	"Prolongs QT interval"	"Serious cardiac arrhythmia"	
9	"Levofloxacin"	"Levofloxacin"	"Antipsychotics (haloperidol, quetiapine)"	"Prolongs QT interval"	"Serious cardiac arrhythmia"	

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Treatment Recommendation

⊙ Evaluation highlights: off

ⓘ

// Context

Treatment Recommendation

(Any)

selectedMedication

(string)

Medication

selectedDosing

(string)

Dosing

warnings

(Any)

Drug Interaction Warnings

<result>

{Medication: selectedMedication, Dosing: selectedDosing, Warnings: warnings}

← Back to Diagram

Drug Interaction Warnings

⊙ Evaluation highlights: off

ⓘ

FEEL Literal

Drug Interaction Warnings

(Any)

{for conflict in Conflicting Medications return if list contains(split(Active Medications, ","), conflict.Medication2) then {ConflictingDrug: conflict.Medication2, Interaction: conflict.Interaction, Risk: conflict.Risk} else null}[item != null]}