

Present Calculator Benchmarks

Question: [Patient Note] What is the patient's Creatinine Clearance using the Cockcroft-Gault Equation in terms of mL/min?

Answer: 141.04 mL/min



- Direct instruction
- Single Step
- Static case data



MedMCP-Calc Example

Question: I am evaluating a patient presenting to the emergency department with acute chest pain and dyspnea. First, I need an objective assessment of overall acuity, integrating oxygen requirements and mental status. Then, I aim to stratify near-term coronary event risk using ECG findings and initial troponin levels. For moderate- to high-risk patients, I will quantify ischemic risk to guide the choice between early invasive and conservative management. For subsequent catheterization, I will evaluate contrast-associated acute kidney injury risk based on baseline renal function and hemodynamic status.

- Aligned with realistic scenarios

Fuzzy Task Description

mimics natural, ambiguous clinician queries

Multi-step Scenarios

mirrors complex multi-stage clinical requirement

Interactive EHR Data

Enables dynamic EHR information retrieval

MCP Tool Augmented

Integrates physician-aligned decision tools

[Patient Note]

PostgreSQL Executor

Google Search

Python Executor



MCP Server

Answer: NEWS 2: 10; HEART Pathway: 10; GRACE Score: 163; Mehran Score: 9