

eviQ Carboplatin Calculator

A free online calculator that determines the precise carboplatin chemotherapy dose using the Calvert formula and various kidney function inputs.

<https://example.com/1762583716457>

Overview

The eviQ Carboplatin Calculator is a critical, freely available online resource for oncology health professionals, developed and maintained by the Cancer Institute NSW (Australia). It is designed to calculate the total carboplatin dose (in mg) using the **Calvert formula**: $Dose (mg) = target AUC \times [Kidney function (mL/min) + 25 (mL/min)]$.

Key Features and Capabilities: The calculator supports three primary options for kidney function input: Directly Measured GFR (mGFR), Body Surface Area (BSA) Adjusted eGFR CKD-EPI, or Creatinine Clearance (CrCl) calculated via the Cockcroft-Gault equation. It calculates Body Surface Area (BSA) using either the Mosteller or Dubois Dubois equations. The tool is integrated into the comprehensive eviQ drug treatment protocols and adheres to the ADDIKD guideline recommendations, ensuring calculations are based on the patient's actual body weight and follow specific rounding rules for the final dose.

Target Users and Use Cases: The calculator is intended for oncology health professionals, including medical officers, nurses, and pharmacists, involved in cancer care. Its primary use is to ensure accurate and safe chemotherapy dosing for carboplatin, particularly in clinical situations where estimated kidney function may be unreliable, such as in patients with extremes of body size or muscle mass. eviQ is endorsed by all Australian states and territories as a preferred source of evidence-based cancer treatment information and is used by over 60,000 users per month globally.

Key Features

- Carboplatin dose calculation (Calvert formula)
- Supports mGFR, eGFR CKD-EPI, and CrCl inputs
- BSA calculation (Mosteller/Dubois Dubois equations)
- Integrated into eviQ treatment protocols
- Adherence to ADDIKD guideline recommendations

- Uses actual body weight for dosing

Pricing

Model: free

Freely available online resource provided by the Cancer Institute NSW (Australia) to support health professionals globally.

Target Company Size: small, medium, enterprise

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