

Corrected Calcium Formula

Patient information

Patient name:

Date of birth:

Medical record number:

Laboratory values

Total serum calcium (mg/dL):

Serum albumin (g/dL):

Calculation

1. Calculate the Correction Factor (CF) using the formula: $CF = 4.0 - \text{Serum Albumin (g/dL)}$.

2. Calculate the Corrected Calcium Level (CCL) using the formula: $CCL \text{ (mg/dL)} = \text{Total Serum Calcium (mg/dL)} - \text{Correction Factor (CF)}$.

Interpretation guide

- If the Corrected Calcium Level falls within the normal range (8.4 - 10.2 mg/dL), it suggests that the patient's calcium status is appropriate.
- If the Corrected Calcium Level is lower or higher than the normal range, further evaluation may be needed to address potential hypocalcemia or hypercalcemia, respectively.

Clinical considerations