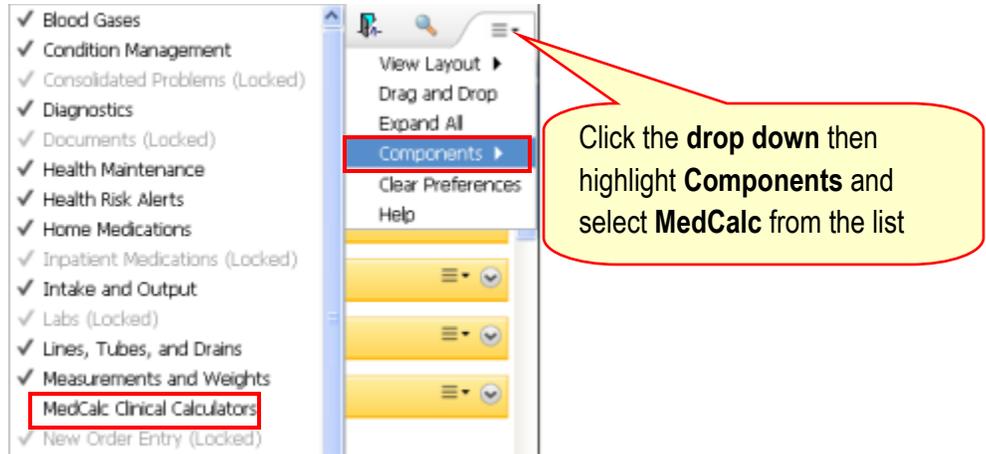


## MedCalc Clinical Calculators MPage Component

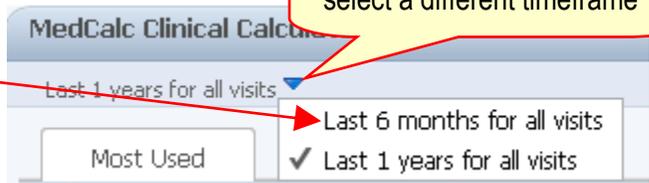
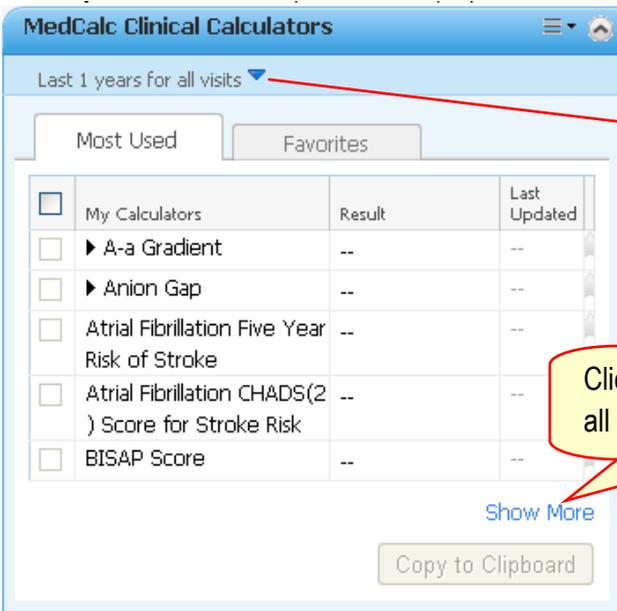
The MedCalc Clinical Calculators provide clinical calculations directly in the chart based on chart values and/or manually entered calculations. Providers can copy and paste the values into their note.

### Adding the MedCalc Clinical Calculators Component from the Ambulatory or Inpatient Viewpoint Pages

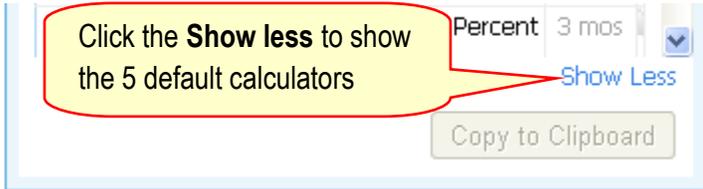


The component will appear in the upper left corner of the mPage.

### General Information

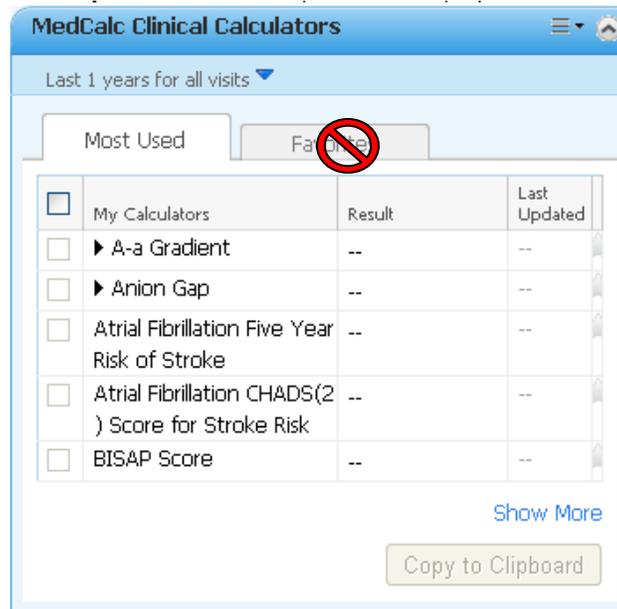


Click the **Show more** to see all available calculators

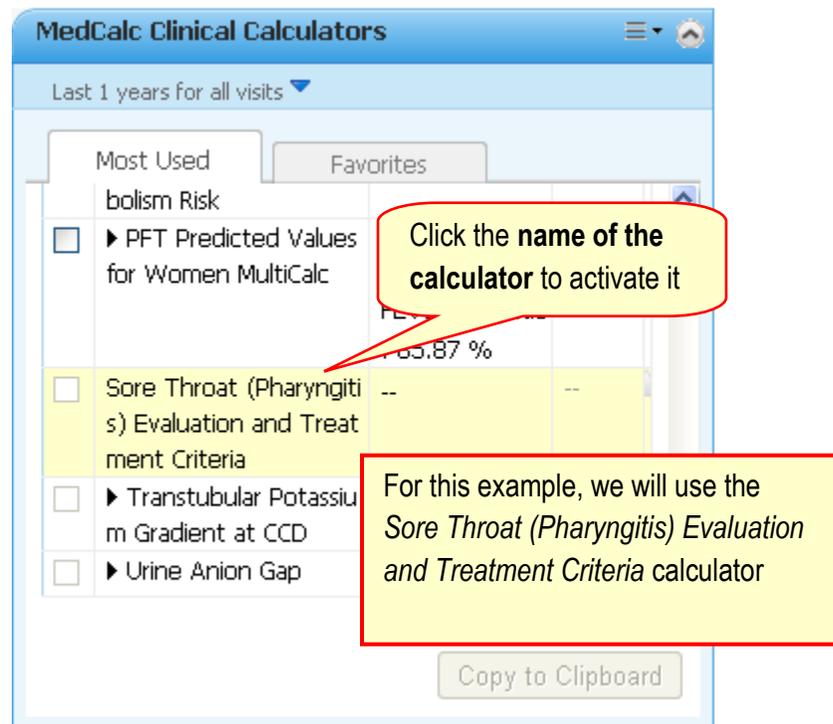


## Adding Calculators to Favorites

Favorites are not currently available but will be available in the future.



## Using the Calculators



MedCalc 3000

### Sore Throat (Pharyngitis) Evaluation and Treatment Criteria (M

Fill in or click on the **desired items**.

**Temperature >38° C**  
 Yes (1 point)  
 No (0 points)

**Cough**  
 Yes (0 points)  
 No (1 point)

**Tender anterior cervical nodes**  
 Yes (1 point)  
 No (0 points)

**Tonsillar swelling or exudate**  
 Yes (1 point)  
 No (0 points)

**Age**  
 3-14 years (1 point)  
 15-44 years (0 points)  
 ≥45 years (-1 point)

Reset Apply Cancel

MedCalc 3000

Total Criteria Point Count:

Scroll down to see the *Sore Throat Score*

### Sore Throat Score

<b>0 points:</b>	2-3% chance of strep; no culture or antibiotics
<b>1 point:</b>	4-6% chance of strep; no culture or antibiotics
<b>2 points:</b>	10-12% chance of strep; culture and treat if positive
<b>3 points:</b>	27-28% chance of strep; culture and treat if positive
<b>4 to 5 points:</b>	38-63% chance of strep; culture and treat with antibiotic on clinical grounds

Click **Apply** to save the calculation

Click **Cancel** to close the calculator

Click **Reset** to clear the calculator

Reset Apply Cancel

## Copy to Clipboard

Click **Copy to Clipboard** to copy all the checked calculators and the results.

The screenshot shows the MedCalc Clinical Calculators interface. It features a list of calculators under 'Most Used' and 'Favorites' tabs. The 'Sore Throat (Pharyngitis) Evaluation and Treatment Criteria' calculator is checked. A 'Copy to Clipboard' button is visible at the bottom. Two callouts provide instructions: one points to the checkbox and another points to the button.

Calculator Name	Result
<input type="checkbox"/> ► PFT Predicted Values for Women MultiCalc	FEV1: 1.72 L FVC: 1.98 L FEV1 FVC Ratio: 85.87 %
<input checked="" type="checkbox"/> Sore Throat (Pharyngitis) Evaluation and Treatment Criteria	4 points
<input type="checkbox"/> ► Transtubular Potassium Gradient at CCD	--
<input type="checkbox"/> ► Urine Anion Gap	--

Click the **checkbox** beside the desired clipboard to enable the *Copy to Clipboard* function. The checkbox is only available when a result is populated in the *Result* column.

Click the **Copy to Clipboard** button to copy all the checked calculators and the results.

MedCalc 3000 Calculations

Note: The following calculation is based on user entered data.

Sore Throat (Pharyngitis) Evaluation and Treatment Criteria - 4 points @ 04/15/14 11:39

**Paste the calculation in your note.** If the data for the calculation is manually entered it will state that in the documentation.

## Data Population

There are two types of calculators: 1) Medical Equation calculators and 2) Clinical Criteria calculators.

### *Medical Equation Calculators*

The Medical Equation calculators pull in discrete data elements from the chart. These calculators have a black arrow beside the name of the calculator allowing you to expand the calculator and manipulate the results of the discrete data elements.

### *Clinical Criteria Calculators*

The Clinical Criteria calculators do not have an arrow next to them and do not pull data from the database. These calculators are accessed by clicking on the name of the calculator. A window will open allowing the user to enter the clinical criteria.

Items with **black arrows** populate data from the chart if it is available during the designated time frame

▶ PFT Predicted Values for Women MultiCalc  
FEV1: 0.14 L  
FVC: 0.21 L  
FEV1 FVC Ratio: 8.587 %

Sore Throat (Pharyngitis) Evaluation and Treatment Criteria  
4 points

**NOTE:** Items with **no black arrows** will hold the calculation until the screen is refreshed. Then that data element disappears.

**NOTE:** Providers may change the chart based value as appropriate. The chart based value will return as soon as the screen is refreshed or the provider clicks the **arrow**.

SBP Threshold: 26  
1.5  
DBP Threshold: 22  
3.8

Height (cm):	80	6 mos
Diastolic Blood Pressure (mmHg):	80	4 mos
Weight (kg):	17	
Age (yr):	17	1 mins

Systolic Blood Pressure (mmHg)

### Viewing the Calculator Details

Click the **black arrow** to open the calculator to see the *Calculator details* link.

▶ Creatinine Clearance by Cockcroft-Gault Equation

4 Creatinine Clearance by Cockcroft-Gault Equation

Gender: Female  
Age (yr): 17  
Weight (kg): 60  
Serum\_Creat (mg/dL):

[Calculator details](#)

Click the **Calculator details** link to open the details and to view the References.

MedCalc 3000

**Decision Calculator: Creatinine Clearance Estimate by Cockcroft-Gault Equation**

\* Sex = Female (0.85)  
\* Age = 17 yr  
\* Serum Creat = mg/dL  
\* Weight = 60 kg

**Result:** Creat Clear = mL/min

**References:**  
Cockcroft DW, Gault MH. Prediction of creatinine clearance from serum creatinine. *Nephron*. 1976;16(1):31-41. PMID: 1244564 [PubMed](#)

OK

Click **OK** to close the window