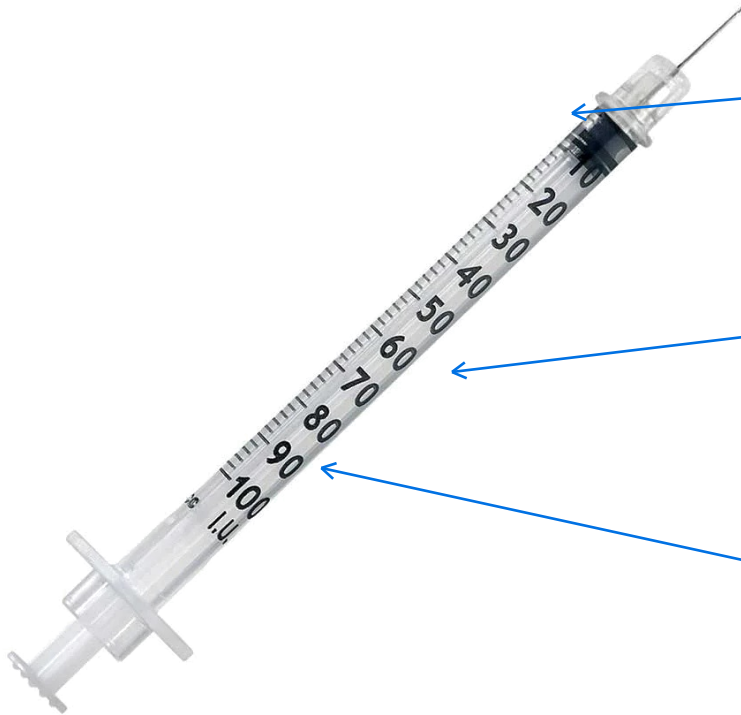


# How to Read a U-100 Syringe

A simple visual guide for a 1 mL / 100-unit syringe, like the example shown.



## 1. Check the label

**U-100** means the scale is based on **100 units in 1 mL**.

## 2. Read the numbers

Printed numbers usually go 10, 20, 30... 100 units.

## 3. Count the small lines

On this 1 mL / 100-unit type, each small line is **2 units**.

The actual syringe photo is used as the reference example; the next page shows simplified dose visuals.

## How to count units

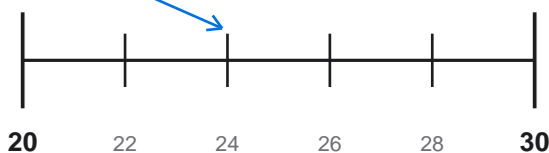
Start near the needle end and count downward. The printed numbers are 10-unit steps. Between two printed numbers, count the small marks.

Where is the reading point?



Between two printed numbers

each small line = 2 units



**U-100 quick rule**

100 units = 1.00 mL

1 unit = 0.01 mL

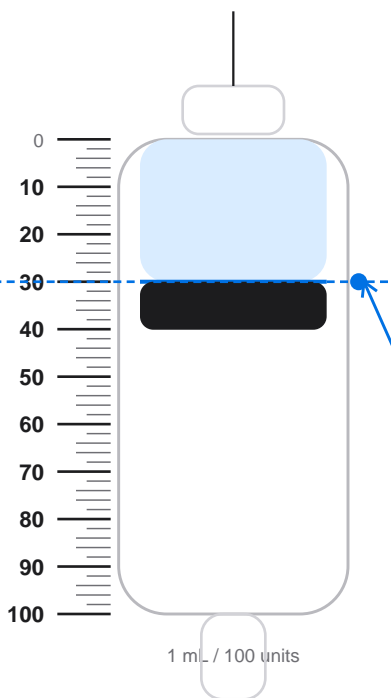
**mL = units / 100**

**Safety note:** This guide explains markings only. Use the dose and syringe type exactly as prescribed. If your medicine, prescription, or syringe label does not match U-100, ask a clinician or pharmacist before measuring.

# Dose Examples on U-100

For U-100: mL = units / 100. These visuals show the stopper aligned to the target unit line.

**EXAMPLE: 30 UNITS**



The diagram shows a 1 mL U-100 insulin syringe. The scale on the left is marked from 0 to 100 in increments of 10, with smaller markings for units. A blue dashed line extends from the number 30 on the scale to the needle-side edge of the black stopper. A blue arrow points from the text box to this stopper edge. The text '1 mL / 100 units' is printed at the bottom of the syringe.

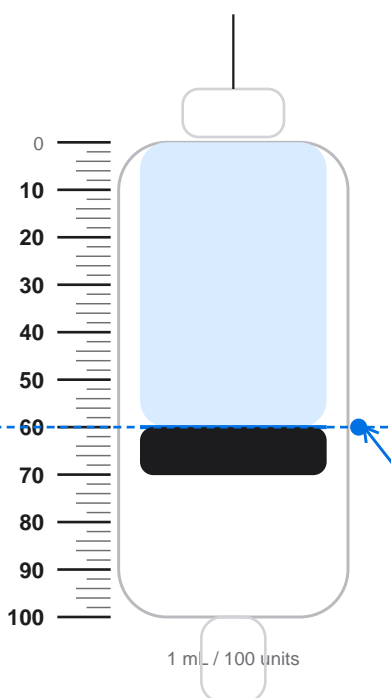
**30 units = 0.30 mL**

**Calculation:  $30 / 100 = 0.30$  mL**

Count the printed numbers 10, 20, then **30**. Stop when the needle-side edge of the black stopper touches the 30 line.

**Read the edge closest to the needle - not the bottom or middle of the rubber stopper.**

**EXAMPLE: 60 UNITS**



The diagram shows a 1 mL U-100 insulin syringe. The scale on the left is marked from 0 to 100 in increments of 10, with smaller markings for units. A blue dashed line extends from the number 60 on the scale to the needle-side edge of the black stopper. A blue arrow points from the text box to this stopper edge. The text '1 mL / 100 units' is printed at the bottom of the syringe.

**60 units = 0.60 mL**

**Calculation:  $60 / 100 = 0.60$  mL**

Count the printed numbers 10, 20, 30, 40, 50, then **60**. Stop when the needle-side edge of the black stopper touches the 60 line.

**Read the edge closest to the needle - not the bottom or middle of the rubber stopper.**

**Important:** This is not a dosing recommendation. Do not choose or change a dose using this sheet. U-100 markings are volume markings; the amount of medicine depends on the product concentration and your prescription.