

How to prescribe

Continuous

ADRENALINE?



Adrenaline

presentation 1mg/mL

Weight: 5kg

**Prescribed dose:
0.1mcg/kg/min**

**CONCENTRATION INDICATED BY THE
MANUFACTURER: 64 MCG/ML**

Formula

$$\frac{\text{Weight} \times \text{dose} \times 1440}{\text{presentation of adrenaline in mcg}}$$

CALCULATION

$$\frac{5 \times 0.1 \times 1440}{1000 \text{ (mcg)}} = 0.72 \text{ mL (720 mcg)}$$

Minimum dilution according to the desired concentration of 64 mcg/mL, that is, 11.25 mL of total volume (720 mcg/64 mcg)

Prescription

ADRENALINE (1 MG/ML) = 0.72ML
0.9% SALINE SOLUTION = 10.53 ML
TOTAL VOLUME OF 11.25 ML IV VIA
INFUSION PUMP AT 0.47 ML/H



Neofast Method

Fill in

Desired dose ✓

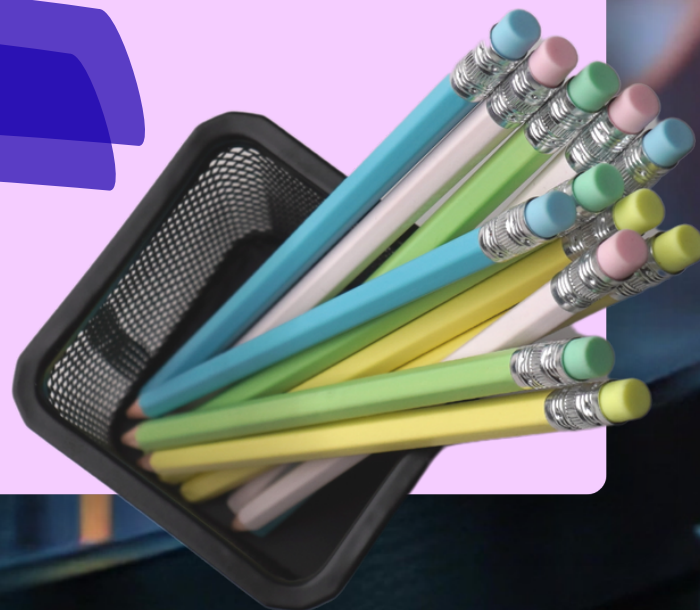
Patient weight ✓

Desired drip rate ✓

And don't worry about the minimum dilution because Neofast will signal when the drip rate is insufficient.

Results in

seconds!



Where the software draws the line.

neofast

Continuous medication

Adrenaline (Epinephrine)

IV continuous

1mg/mL

Weight (kg)

5

Desired dose (mcg/kg/min)

0.1

Suggested dose: 0.05 to 1 mcg/kg/min

Intended drip (mL/h)

0.3

Minimum drip of 0.47 mL/h for 0.1mcg/kg/min for an adequate concentration of up to 64mcg/mL

Additional information

Bibliographical references

BLOCKED • TOO CONCENTRATED

References for every calculation

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Continuous medication

Adrenaline (Epinephrine)

IV continuous

1mg/mL

Weight (kg)

5

Desired dose (mcg/kg/min)

0.1

Suggested dose: 0.05 to 1 mcg/kg/min

Intended drip (mL/h)

0.5

Adrenaline (Epinephrine)

IV continuous - 1mg/mL

Dose	0.72mL
Dilute with NS	11.28mL

Final concentration

0.06 mg/mL

Total in 24 hours

12mL

Note: the final concentration of continuous infusion is up to 100 mcg/mL (0.1 mg/mL).

Intermittent dose of adrenaline

SAFE • WITHIN THE CEILING

Every rate is checked against a **safe concentration ceiling** — hyperconcentration is never allowed, and the safe minimum drip is flagged for you.