

Dividing IVIG Doses

Step 1: From the approved order set, establish the total dose and number of days the dose is to be given over.

Step 2: Divide total dose over prescribed number of days.

*NOTE: In some cases the dose may not divide evenly between the prescribed number of days. A difference of 5-10g between days is acceptable and is **NOT** a safety issue. Ensure you are dividing the dose in a way that will **NOT** waste any IVIG.*

Consider the following when deciding how to divide doses, if applicable:

- IVIG is supplied in different vial sizes (see table below). Dividing doses depends on the brand the patient is receiving and its available sizes.

NOTE: The Transfusion Medicine Lab (TML) may not have all vial sizes available. Call the TML with questions.

- Administer the largest portion of the total dose on a day the patient is scheduled for a longer appointment.
- Administer the smallest dose and smallest vial size first if unsure of how a patient will tolerate therapy.

Brand	Available Vial Size
Privigen 10%	2.5g, 5g, 10g, 20g, 40g
Gamunex 10%	2.5g, 5g, 10g
IGIVnex/Gamunex 10%	20g
Gammagard Liquid 10%	2.5g, 5g, 10g, 20g, 30g
Gammagard S/D (can be ordered by MRP as a 5% or 10% solution)	5g
Octagam 10%	2g, 5g, 10g, 20g, 30g
Panzyga 10%	5g, 10g, 20g, 30g

Examples of How to Divide IVIG Doses

Example 1.

IVIG Dose

Induction/One-time Dose: _____ g/kg = _____ g; divided over _____ days

Maintenance Dose: 1 _____ g/kg = 70 g; divided over 3 days

Repeat every 4 weeks for 3 cycles. **Maximum 6 months duration**

It would be appropriate to divide the dose in any of the following ways:

- Day 1: **25g**, Day 2: **25g**, Day 3: **20 g**
- Day 1: **20g**, Day 2: **25g**, Day 3: **25g**
- Day 1: **25g**, Day 2: **20g**, Day 3: **25g**



Example 2.

IVIG Dose

- Induction/One-time Dose: 2 g/kg = 125 g; divided over 4 days
- Maintenance Dose: _____ g/kg = _____ g; divided over _____ days
Repeat every _____ weeks for _____ cycles. **Maximum 6 months duration**

It would be appropriate to divide the dose in any of the following ways:

- Day 1: **30g**, Day 2: **30g**, Day 3: **30g**, Day 4: **35g**
- Day 1: **35g**, Day 2: **30g**, Day 3: **30g**, Day 4: **30g**
- Day 1: **30g**, Day 2: **35g**, Day 3: **30g**, Day 4: **30g**
- Day 1: **30g**, Day 2: **30g**, Day 3: **35g**, Day 4: **30g**

Example 3.

IVIG Dose

- Induction/One-time Dose: _____ g/kg = _____ g; divided over _____ days
- Maintenance Dose: 1 g/kg = 85 g; divided over 2 days
Repeat every 3 weeks for 2 cycles. **Maximum 6 months duration**

It would be appropriate to divide the dose in any of the following ways:

- Day 1: **40g**, Day 2: **45 g**
- Day 1: **45g**, Day 2: **40g**

Example 4.

IVIG Dose

- Induction/One-time Dose: _____ g/kg = _____ g; divided over _____ days
- Maintenance Dose: 1 g/kg = 110 g; divided over 5 days
Repeat every 2 weeks for 6 cycles. **Maximum 6 months duration**

It would be appropriate to divide the dose in any of the following ways:

- Day 1: **25g**, Day 2: **20g**, Day 3: **25g**, Day 4: **20g**, Day 5: **20g**
- Day 1: **25g**, Day 2: **25g**, Day 3: **20g**, Day 4: **20g**, Day 5: **20g**
- Day 1: **20g**, Day 2: **20g**, Day 3: **20g**, Day 4: **25g**, Day 5: **25g**
- Day 1: **20g**, Day 2: **25g**, Day 3: **25g**, Day 4: **20g**, Day 5: **20g**
- Day 1: **20g**, Day 2: **20g**, Day 3: **25g**, Day 4: **25g**, Day 5: **20g**

Still unsure? Contact the Saskatoon TMP at any time by calling 306-655-1000 and asking for the Transfusion Medicine Physician on call.