

### 4. Systemic adverse event management for hospital-based treatment

The recommendations provided in the table below are valid for IVIG and SCIG therapies.

Event	Severity	Nursing Interventions
Non IgE mediated anaphylaxis or anaphylaxis (very rare)		<ul style="list-style-type: none"> <li>Follow your local guidelines</li> <li>Can be prevented by waiting a couple of days before infusion if your patient has fever and/or an acute infection</li> <li>You must ensure patients know the signs of anaphylaxis onset</li> </ul>
Chills/rigors	Mild	<ul style="list-style-type: none"> <li>Slow down the infusion</li> <li>Take temperature (chills) or blood pressure and temperature (rigors)</li> <li>Administer prescribed medications</li> <li>When symptoms resolve, restart the infusion at the slowest rate</li> </ul>
	Moderate	<ul style="list-style-type: none"> <li>Stop the infusion</li> <li>Take temperature (chills) or blood pressure and temperature (rigors)</li> <li>Administer prescribed medications</li> <li>When symptoms resolve, restart the infusion at the slowest rate</li> <li>Inform the doctor</li> </ul>
	Severe	<ul style="list-style-type: none"> <li>Stop the infusion</li> <li>Follow local guidelines for severe adverse events and follow steps recommended for moderate chills/rigors</li> </ul>
Headache	Mild	<ul style="list-style-type: none"> <li>Inform the patient this can happen</li> <li>Make sure the patient is adequately hydrated</li> <li>Administer painkiller if required</li> <li>Reduce rate</li> <li>Observe</li> </ul> <p>NOTE: advise patients on IVIG therapy to drink more water than usual in the 24 hours before the next infusion</p>

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	<p>Moderate</p> <ul style="list-style-type: none"> <li>• Make sure patients on IVIG therapy are adequately hydrated on the day of the infusion</li> <li>• Administer painkiller if required</li> <li>• Reduce rate</li> <li>• Call the doctor</li> </ul> <p>Severe</p> <ul style="list-style-type: none"> <li>• Stop the infusion</li> <li>• Administer painkiller</li> <li>• Call the doctor</li> <li>• If the patient calls 24 to 72 hours later with photosensitivity/photophobia and neck stiffness, meningitis needs to be excluded</li> </ul>
Urticaria/Hives	<p>Moderate</p> <ul style="list-style-type: none"> <li>• Inform the patient this can happen</li> <li>• Stop the infusion</li> <li>• Administer anti-histamines</li> <li>• Take temperature and blood pressure to make sure this event is not the onset of anaphylaxis</li> <li>• Observe the rash</li> <li>• Call the prescriber</li> <li>• Restart the infusion at slower rates</li> </ul> <p>Severe</p> <ul style="list-style-type: none"> <li>• Stop the infusion</li> <li>• Administer anti-histamines</li> <li>• Call the doctor</li> <li>• Take temperature and blood pressure to make sure this event is not the onset of anaphylaxis</li> </ul>
Nausea/Vomiting	<p>Mild</p> <ul style="list-style-type: none"> <li>• Inform the patient this can happen</li> <li>• Observe</li> <li>• Be aware that this could be the onset of anaphylaxis</li> </ul> <p>Moderate</p> <ul style="list-style-type: none"> <li>• Stop the infusion</li> <li>• Observe</li> </ul>

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	Severe	<ul style="list-style-type: none"> <li>• Give the patient anti-sickness medication</li> <li>• Be aware that this could be the onset of anaphylaxis</li> <li>• Stop the infusion</li> <li>• Give the patient anti-sickness medication</li> <li>• Call the doctor</li> <li>• Take temperature and blood pressure to make sure this event is not the onset of anaphylaxis</li> </ul>
Back pain	Mild	<ul style="list-style-type: none"> <li>• Inform the patient this can happen</li> <li>• Observe</li> <li>• Be aware that this could be the onset of anaphylaxis</li> </ul>
	Moderate	<ul style="list-style-type: none"> <li>• Slow down or stop the infusion</li> <li>• Observe</li> <li>• Give the patient painkillers</li> <li>• Be aware that this could be the onset of anaphylaxis</li> </ul>
	Severe	<ul style="list-style-type: none"> <li>• Stop the infusion</li> <li>• Give the patient anti-sickness medication</li> <li>• Call the doctor</li> <li>• Take temperature and blood pressure to make sure this event is not the onset of anaphylaxis</li> </ul>
Local reactions in SCIG (swelling, redness, induration, itching, burning)	Mild	<ul style="list-style-type: none"> <li>• Inform the patient that this is expected during the first 8–10 infusions but that the local reactions will decline</li> <li>• Observe and document</li> </ul>
	Moderate	<ul style="list-style-type: none"> <li>• Observe and document</li> <li>• Maybe administer anti-histamines</li> </ul>
	Severe	<ul style="list-style-type: none"> <li>• Stop the infusion</li> <li>• Administer anti-histamines</li> <li>• Call the doctor</li> </ul>

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- Check for allergies to dressings, cleaning solutions, tape, latex
- Record batch number

Please note that thrombolytic events and neutropenia can occur when IVIG therapy is used at large doses or in immobile patients. Manage them according to your local guidelines.

**5. Adverse event management for home-based treatment**

The recommendations provided in the table below are valid for IVIG and SCIG therapies.

Reaction	Severity	Home Interventions Remember to always make an entry in your log book after an adverse event
Non IgE mediated anaphylaxis or anaphylaxis (very rare)		<ul style="list-style-type: none"> <li>• Call emergency services immediately</li> <li>• Record batch number and inform your infusion centre</li> </ul>
Chills/rigors	<p>Mild</p> <p>Moderate</p> <p>Severe</p>	<ul style="list-style-type: none"> <li>• Stop infusion</li> <li>• Take painkiller</li> <li>• Record batch number and inform your infusion centre</li> </ul> <ul style="list-style-type: none"> <li>• Stop infusion</li> <li>• Take painkiller</li> <li>• See your doctor immediately or call an ambulance</li> <li>• Record batch number and inform your infusion centre</li> <li>• The next infusion must take place in your infusion centre</li> </ul> <ul style="list-style-type: none"> <li>• Stop infusion</li> <li>• Call emergency services immediately</li> <li>• Record batch number and inform your infusion centre</li> <li>• The next infusion must take place in your infusion centre</li> </ul>
Headache	Mild	<ul style="list-style-type: none"> <li>• Make sure you are adequately hydrated</li> <li>• Administer painkiller if required</li> <li>• Reduce the rate and use a slower rate during next infusion</li> </ul> <p>NOTE: drink more water than usual in the 24 hours before the next infusion</p>

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	<p>Moderate</p> <ul style="list-style-type: none"> <li>• Make sure you are adequately hydrated on the day of the infusion</li> <li>• Administer painkiller if required</li> <li>• Stop the infusion</li> <li>• Inform your infusion centre</li> <li>• See your doctor immediately</li> </ul> <p>Severe</p> <ul style="list-style-type: none"> <li>• Stop the infusion</li> <li>• Call emergency services immediately</li> <li>• Record batch number and inform your infusion centre</li> <li>• The next infusion must take place in your infusion centre</li> </ul>
Urticaria/Hives	<p>Moderate</p> <ul style="list-style-type: none"> <li>• Stop the infusion</li> <li>• Take anti-histamines</li> <li>• Observe the rash, take photos</li> <li>• See your family doctor immediately or seek emergency services</li> </ul> <p>Severe</p> <ul style="list-style-type: none"> <li>• Stop the infusion</li> <li>• Call emergency services immediately</li> <li>• Record batch number and inform your infusion centre</li> <li>• The next infusion must take place in your infusion centre</li> </ul>
Nausea/Vomiting	<p>Mild</p> <ul style="list-style-type: none"> <li>• Observe</li> </ul> <p>Moderate</p> <ul style="list-style-type: none"> <li>• Stop the infusion</li> <li>• Observe</li> <li>• Call your infusion centre</li> <li>• Take anti-sickness medication</li> </ul> <p>Severe</p> <ul style="list-style-type: none"> <li>• Stop the infusion</li> <li>• Call emergency services immediately</li> <li>• Record batch number and inform your infusion centre</li> <li>• The next infusion must take place in your infusion centre</li> </ul>
Back pain	<p>Mild</p> <ul style="list-style-type: none"> <li>• Slow down the infusion</li> </ul>

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		<ul style="list-style-type: none"> <li>• Observe</li> <li>• Reduce infusion rate for the following infusion</li> </ul>
	Moderate	<ul style="list-style-type: none"> <li>• Stop the infusion</li> <li>• Inform your infusion centre</li> <li>• See your doctor immediately</li> </ul>
	Severe	<ul style="list-style-type: none"> <li>• Stop the infusion</li> <li>• Call emergency services immediately</li> <li>• Record batch number and inform your infusion centre</li> <li>• The next infusion must take place in your infusion centre</li> </ul>
Local reactions in SCIG (swelling, redness, induration, itching, burning)	Mild	<ul style="list-style-type: none"> <li>• Observe</li> <li>• Take a photo of the reaction</li> </ul>
	Moderate	<ul style="list-style-type: none"> <li>• Observe</li> <li>• Take a photo of the reaction</li> <li>• Administer anti-histamines</li> </ul>
	Severe	<ul style="list-style-type: none"> <li>• Stop the infusion</li> <li>• Take anti-histamines</li> <li>• Call emergency services immediately</li> <li>• Record batch number and inform your infusion centre</li> <li>• Your next infusion will need to take place at your infusion centre</li> </ul>