



Sunshine Coast Hospital & Health Service
Subcutaneous Immunoglobulin (SCIg) Program
 Treatment Flowchart

Selection of Patients:

- Primary immunodeficiency with antibody deficiency
- Specific antibody deficiency
- Acquired hypogammaglobulinaemia secondary to haematological malignancy
- Secondary hypogammaglobulinaemia

Treating Consultant:

- Patient identified & accepted into program by Immunology / Haematology Consultant / SMO.
- Initial Authorisation Request submitted in BloodSTAR including Privacy Consent (www.blood.gov.au)
- Blood and Blood Product Prescription form completed (4 weekly training sessions & 1 month supply).
- Pathology Request form for baseline IgG.

Treatment co-ordination:

- Notification to SCIg program co-ordinator (Transfusion CNC) or treatment area team leader.
- Communication with patient re: SCIg program, products, infusion methods, training timeframe.
 - Assess: hand strength and dexterity, ability to retain information, willingness to self infuse and any other limiting factors.
 - **Patient must agree to progress with inclusion in SCHHS SCIg Program.**

Patient Booking:

- **Training booking:** weekly for 4 weeks (duration of 3-4 hours).
- Consider availability of SCIg trained staff.

Ordering of Product:

- (1 week prior to treatment)
- Order via BloodSTAR (www.blood.gov.au)
 - Blood bank / lab to order product in Blood Net.
 - Once Pt is stable and after 3 months of tx ordering can be undertaken each 2 months.

Blood Tests – IgG

- Baseline *then*
- monthly for 3 months *then*
- 6 monthly for the duration of the treatment

Patient Training

- Weekly training sessions until the patient is confident and competent to self manage infusions – nurse and patient assessment.
- Minimum 1 week – 4 weeks approx.
- Pt training to be undertaken by a SCIg trained nurse following the **Nurse Training Checklist**.
- Assess infusion method required for each patient – push, springfuser or NIKI pump.
- **SCIg Training Competency** form must be completed each training session and signed by patient once deemed competent (file in SCIg folder).
- Complete **Treatment Record** and **Product and Consumable Supply List** at first training session (file in SCIg folder).
- Complete **Patient Assessment** form at end of each training session (file in SCIg folder)
- Document in patient clinical record.

Collection Bookings

- Monthly for the first 3 months of treatment/
- Once patient is stable (nil adverse effects/issues) collection may be extended to 2 monthly/
- **Blood and Blood Product Prescription** required for each 1 or 2 month supply of product/
- Undertake a patient assessment and complete **Patient Assessment** form at each collection booking. Address all identified issues and if required discuss with Transfusion CNC or MO.
- Collect SCIg product from blood bank / blood fridge (pre ordered).
Product must be stored below 25 degrees Celsius (fridge): 30 minute/4 hour rule.
- Check and sign out on Blood and Blood Product Prescription and pathology form (2 checking officers) with a note stating 'supplied to patient for home infusion' (file in patient clinical record).
- Pack product in patient supplied esky with ice bricks and instruct patient to go directly home and place in fridge.
- Supply the patient with the required consumables as required on the **Product and Consumable Supply List** and document consumables given (file in SCIg folder).
- Document in patient clinical record.
- Make next collection booking with patient.