

Programme Name

National Pharmacy Residency Programme in Cardiology (PGY2)

Introduction / Purpose

This is a formalized, structured training programme allowing experiential learning in a patient-focused setting, with a specialized focus in cardiology pharmacy practice, to prepare the resident with the skills and knowledge to progress in becoming leaders in the field.

Programme Overview

National Pharmacy Residency Programme in Cardiology (PGY2) is a 12-month programme. It adheres to the *ASHP International Accreditation Standard for Postgraduate Year Two (PGY2) Pharmacy Residencies in Cardiology*.

The Seven Educational Outcomes that the resident will achieve at the end of the residency are as follows:

Outcome R1: Serve as an authoritative expert on the optimal use of medications used in the care of patients with cardiovascular disease.

Outcome R2: Optimize the outcomes of patients with acute and chronic cardiovascular disease in various settings through the expert provision of evidence-based, patient-centred medication therapy as an integral part of an interdisciplinary team.

Outcome R3: Demonstrate leadership and practice management skills.

Outcome R4: Manage and improve the medication-use process for patients with or at risk for cardiovascular disease.

Outcome R5: Contribute to the body of cardiovascular pharmacotherapy knowledge.

Outcome R6: Demonstrate excellence in the provision of training and educational activities for health care professionals, health care professionals in training, and the public.

Outcome R7: Participate in the management of medical emergencies.

Programme Structure and Activities

Core		
No.	Rotation	Duration
1	Orientation	1 week
2	Cardiology Clinic	5 weeks then longitudinal
3	Inpatient Anticoagulation	5 weeks
4	General Cardiology I	8 weeks
5	Coronary Care Unit I	4 weeks

6	Heart Failure	8 weeks
7	Cardiothoracic Surgery	5 weeks
8	LVAD/Transplant, Congenital Heart Disease	4 weeks
9	Research Project (for publication)	4 weeks and longitudinal
10	Coronary Care Unit II	4 weeks
11	General Cardiology II	4 weeks
12	Other Activities (Teaching, In-service education, Administrative duties, Weekend / Public holiday specialty service provision)	

Delivery Methods

- Clinical review / rounds / ambulatory clinics
- Discussion
- Oral presentation
- Teaching and Education
- Personal and Professional Development
- Research

Evaluation

- Formative assessment of each learning experience
- Summative assessment of each learning experience
- Exit exam

Exit Requirements

All Residents are required to complete the 12-month programme according to the PSAB-accredited curriculum.

- a. Meet all PGY1 Residency requirements including making sufficient progress towards all the required goals and objectives as evidenced by either satisfactory progress or achieved being marked for all goals.
- b. Satisfactory completion of all learning experiences as evidenced by all required work assigned being completed to the satisfaction of preceptors.
- c. Completion of residency major project with a manuscript that is approved by the project supervisor and APD/RPD.
- d. Compliance with institutional and departmental policies.

Training Sites:

Tan Tock Seng Hospital
 Khoo Teck Puat Hospital
 National University Hospital
 National Heart Centre Singapore