



**INSTITUTE  
OF MEDICINE**

ROYAL COLLEGE OF  
PHYSICIANS OF IRELAND

International Clinical Fellowship Programme

# RESPIRATORY MEDICINE

OUTCOME BASED EDUCATION CURRICULUM



This ICFP Curriculum in Respiratory Medicine was reviewed in 2025 by the RCPI Education Team. It is approved by the Specialist Training Committee in Respiratory Medicine and the Institute of Medicine.

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| 2.0     | July 2026      | Stephen Capper | Updates to the Core Professional Skills section to explicitly align with the <i>Eight Domains of Good Professional Practice</i> . |

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## INTRODUCTION

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*This section includes information on the structure and management of this International Clinical Fellowship Programme (ICFP). For specific policies and procedures please contact your Programme Coordinator.*

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## ICFP Overview

The International Clinical Fellowship Programme (ICFP) provides a route for overseas doctors wishing to undergo structured and advanced postgraduate medical training in Ireland. The ICFP enables suitably qualified overseas postgraduate medical Trainees to undertake a fixed period of active training in clinical services in Ireland.

The purpose of the ICFP is to enable overseas Trainees to gain access to structured training and active clinical environments, to enhance and improve the individual's medical training and learning and, in the medium to long term, the health services in their own countries.

This ICFP will allow participants to access a structured period of training and experience as developed by the Royal College of Physicians of Ireland (RCPI) to specifically meet the clinical needs of participants as defined by their home country's health service.

Core elements of all programmes include:

- Patient care that is appropriate, effective and compassionate in dealing with health problems and health promotion.
- Medical knowledge in the basic biomedical, behavioural and clinical sciences, medical ethics and medical jurisprudence and application of such knowledge in patient care.
- Interpersonal and communication skills that ensure effective information exchange with individual patients and their families and teamwork with other health professionals, the scientific community and the public.
- Appraisal and utilisation of new scientific knowledge to update and continuously improve clinical practice.
- Capability to be a scholar, contributing to development and research in the field of the chosen specialty.
- Professionalism.
- Ability to understand health care and identify and carry out system-based improvement of care.

## ICFP in Respiratory Medicine

This ICFP aims to offer comprehensive training in Respiratory Medicine. The programme offers broad exposure to the clinical management of infectious diseases across inpatient, outpatient, and public health settings. The curriculum is aligned with the Royal College of Physicians of Ireland (RCPI) Higher Specialist Training (HST) in Respiratory Medicine and reflects the principles and relevant national standards for consultant-level competence.

## Training Programme Duration & Organisation of Training

The period of clinical training provided for this ICFP is 3 years.

Each post within the programme has a named trainer/educational supervisor, and programmes are under the direction of the National Specialist Directors of the relevant medical speciality.

Successful completion of this ICFP will result in the participant being issued with a formal Certificate of completion for the International Fellowship Programme by the Royal College of Physicians of Ireland. This Certificate will enable the participant's training body in their sponsoring home country to formally recognise and accredit their time spent training in Ireland.

Appointed International Fellows are:

- enrolled with RCPI and are under the supervision of a consultant doctor registered on the Specialist Division of the Register of Medical Practitioners maintained by the Irish Medical Council and who is an approved consultant trainer.
- registered on the Supervised Division of the Register of Medical Practitioners maintained by the Medical Council in Ireland.
- agreeing on a training plan with their trainers at the beginning of each training year.
- directly employed and directly paid by their sponsoring state at a rate appropriate to their training level in Ireland and benchmarked against the salary scales applicable to NCHD in Ireland.

## Programme Management

- Coordination of the training programme lies with the Training Department at RCPI.
- The training year usually runs from July to July in line with National Higher Specialist Training programmes.
- Each International Fellow will be issued with a training agreement on appointment to the training programme and will be required to adhere to all policies and procedures relating to ICFP.
- Annual evaluations usually take place between April and June each year.
- International Fellows will be registered to the ePortfolio and will be expected to fulfil all requirements relating to the management of yearly training records.

## ePortfolio

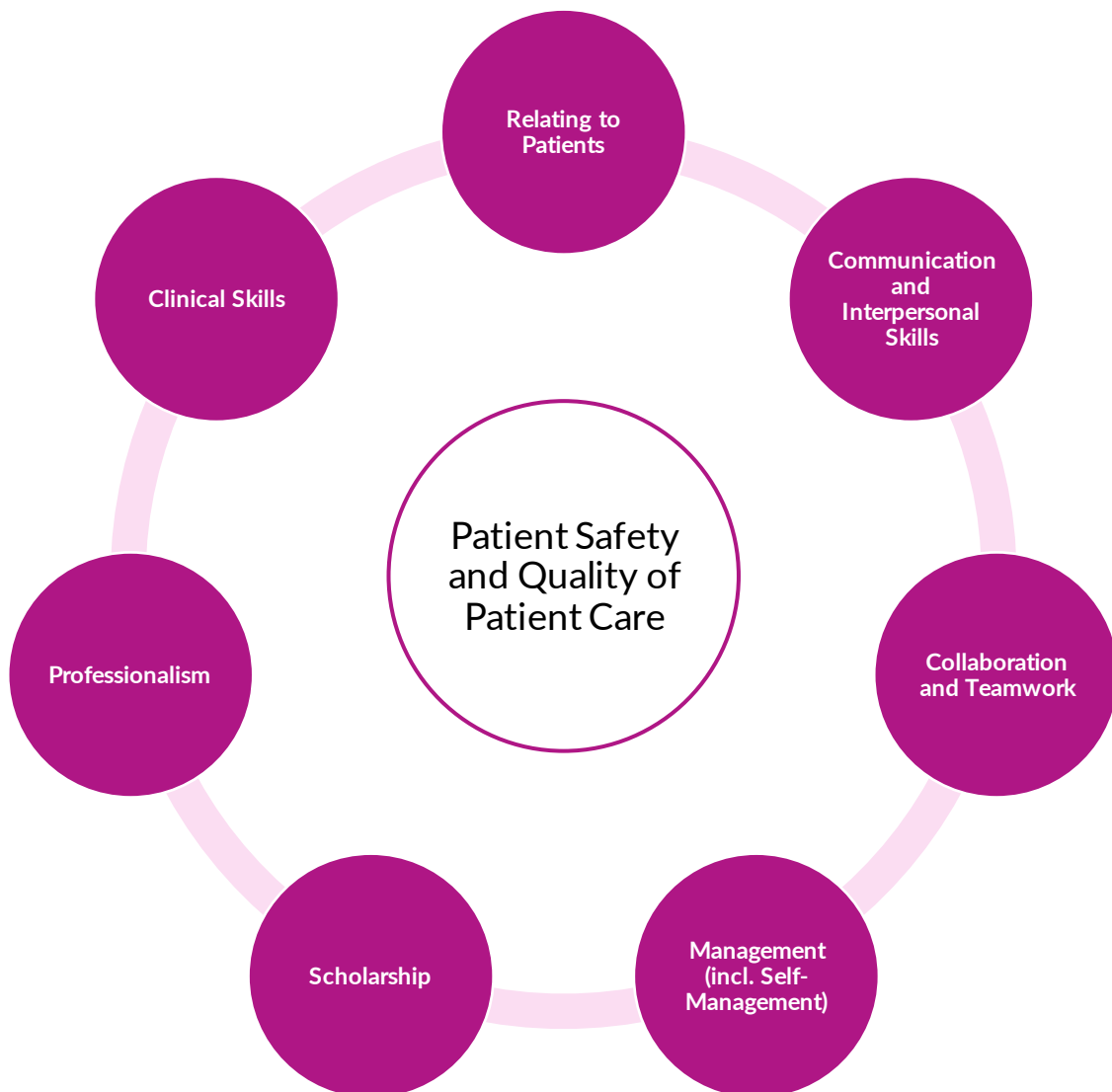
International Fellows will be required to keep their ePortfolio up to date and maintained throughout the programme. The ePortfolio will be countersigned as appropriate by the supervising Trainer to confirm the satisfactory fulfilment of the required training experience and the acquisition of the competencies set out in the Curriculum. This will remain the property of the International Fellow and must be produced at the End of Year Evaluation meeting. At the End of Year Evaluation, the ePortfolio will be examined. The results of any assessments and reports by the named trainer/educational supervisor, together with other material capable of confirming the Fellow's achievements, will be reviewed.

## CORE PROFESSIONAL SKILLS

*This section refers to the core professional skills that every International Fellow training in Ireland is expected to comply with. These are detailed by the Irish Medical Council as [Guidelines for Good Professional Practice](#).*

*The Medical Council has defined [eight domains of good professional practice](#).*

*These domains describe a framework of competencies applicable to all doctors across the continuum of professional development from formal medical education and training through to maintenance of professional competence. They describe the outcomes which doctors should strive to achieve and doctors should refer to these domains throughout the process of maintaining competence.*



## SPECIALTY SECTION - Training Goals in Respiratory Medicine

*This section includes the Specialty Training Goals that the International Fellow should achieve by the end of the ICFP.*

*Each Training Goal is broken down into specific and measurable Training Outcomes.*

*Per each Training Outcome, International Fellows can record workplace-based assessments (DOPS, MiniCEX, CBD) and Feedback Opportunity on ePortfolio*

*In order to achieve the Outcomes it is recommended to agree on the most appropriate type of training and assessment methods with the assigned Trainer.*

### Specialty Training Goals

**Training Goal 1. Core Respiratory Skills for Patient Management**

**Training Goal 2. Imaging, Diagnostics, & Therapeutic Procedures**

**Training Goal 3. Management of Airway Diseases**

**Training Goal 4. Management of Interstitial Lung Disease**

**Training Goal 5. Management of Lung Cancer**

**Training Goal 6. Management of Pulmonary Infections**

**Training Goal 7. Management of Cystic Fibrosis & Non-Cystic Fibrosis Bronchiectasis**

**Training Goal 8. Management of Sleep Related Disorders**

**Training Goal 9. Management of Pulmonary Vascular Disease**

**Training Goal 10. Lung Transplantation**

**Training Goal 11. Research & Academic Development**

## Training Goal 1 – Core Respiratory Skills for Patient Management

By the end of this Fellowship, the International Fellow is expected to demonstrate proficiency in the core clinical and professional skills of Respiratory Medicine. It is expected that trainees will incorporate an evidence-based medicine approach and apply the best available research to clinical care.

### OUTCOME 1 – COMMUNICATION WITH PATIENTS

For the International Fellow to communicate effectively with patients, relatives and carers in instances including but not limited to, acquiring procedural consent, breaking bad news, and ceiling of care discussions.

### OUTCOME 2 – COMMUNICATION WITH MEDICAL STAFF

For the International Fellow to communicate effectively with senior and junior medical staff and within a multi-disciplinary team; perform effective clinical teaching and academic presentations.

### OUTCOME 3 – HISTORY TAKING AND CLINICAL EXAMINATION

For the International Fellow to perform nuanced history taking and clinical examinations in patients presenting with a wide range of respiratory and systemic symptoms.

### OUTCOME 4 – PERFORM AND INTERPRET LUNG FUNCTION TESTING

For the International Fellow to perform and interpret a range of lung function tests including but not limited to spirometry and flow-volume loops, lung volumes, gas transfer studies, bronchial provocation testing, and respiratory muscle strength testing to include erect/ supine spirometry, MIPs, MEPs and SNIPs.

### OUTCOME 5 – PERFORM AND INTERPRET GAS EXCHANGE AND OXYGENATION TESTING

For the International Fellow to perform and interpret a range of gas exchange and oxygenation tests including but not limited to, arterial blood gas sampling, acute oxygen therapy, pulse oximetry and trans-cutaneous carbon dioxide monitoring, 6-minute walk tests, and cardio-pulmonary exercise testing.

### OUTCOME 6 – APPROPRIATE PRESCRIPTION OF LONG-TERM OXYGEN THERAPY AND NON-INVASIVE VENTILATION

For the International Fellow to prescribe long-term oxygen therapy and non-invasive ventilation appropriate to the complexity of the patient.

## Training Goal 2 – Imaging, Diagnostics & Therapeutic Procedures

By the end of this Fellowship, the International Fellow is expected to select and interpret the appropriate respiratory imaging modalities relevant to the clinical scenario. The Trainee is also expected to perform and interpret a range of diagnostic and therapeutic procedures including bronchoscopy, endobronchial ultrasound (EBUS), and pleural ultrasound procedures.

### OUTCOME 1 – ASSESSMENT OF A PATIENT USING MULTIPLE IMAGING MODALITIES

For the International Fellow to demonstrate proficiency in assessing a patient using multiple imaging modalities including chest radiography, CT thorax and CT pulmonary angiography, and patient selection for CT/ultrasound-guided biopsies.

### OUTCOME 2 – RECOGNISE INDICATIONS AND CONTRAINDICATIONS FOR FLEXIBLE BRONCHOSCOPY AND ENDOBRONCHIAL ULTRASOUND (EBUS)

For the International Fellow to recognise indications and contraindications for flexible bronchoscopy and EBUS, and appropriately acquire consent for this procedure.

### OUTCOME 3 – PREPARE PATIENT FOR BRONCHOSCOPY PROCEDURE

For the International Fellow to prepare the patient for the procedure and perform safe, effective conscious sedation and local anesthesia as appropriate.

### OUTCOME 4 – PERFORM BRONCHOSCOPY PROCEDURE

For the International Fellow to perform oral and nasal approach flexible bronchoscopy and sampling techniques including bronchial biopsy, bronchial brushings, bronchoalveolar lavage, transbronchial biopsy and EBUS guided transbronchial needle aspiration. The Trainee must also demonstrate proficiency in instituting appropriate haemostatic techniques if there is excessive bleeding.

### OUTCOME 5 – RECOGNISE INDICATIONS AND CONTRAINDICATIONS FOR ULTRASOUND GUIDED DIAGNOSTIC THORACOCENTESIS

For the International Fellow to recognise indications and contraindications for ultrasound guided diagnostic thoracocentesis and small bore ( $\leq 18$  FR gauge) intercostal tube insertion via Seldinger technique and acquire consent for procedure.

### OUTCOME 6 – PREPARE PATIENT FOR ULTRASOUND GUIDED THORACOCENTESIS/INTERCOSTAL TUBE PROCEDURE

For the International Fellow to prepare the patient for the procedure and perform safe, effective conscious sedation and local anaesthesia as appropriate.

### OUTCOME 7 – PERFORM ULTRASOUND GUIDED THORACOCENTESIS/INTERCOSTAL TUBE PROCEDURE

For the International Fellow to perform ultrasound guided diagnostic thoracocentesis/intercostal tube insertion procedure, and institute safe post-procedural care and intercostal tube management as appropriate.

### OUTCOME 8 – COMPETENCY IN THORACIC ULTRASOUND

For the International Fellow to develop competency in the performance and interpretation of thoracic ultrasound

### Training Goal 3 – Management of Airway Diseases

By the end of this Fellowship, the International Fellow is expected to demonstrate competence in performing specialist assessment, investigation, diagnosis and management of known or suspected airway diseases in a manner appropriate to the complexity of the patient.

#### OUTCOME 1 – RECOGNISE THE PRESENTATION OF VARIOUS PHENOTYPES OF ASTHMA

For the International Fellow to recognise the presentation of various phenotypes of Asthma.

#### OUTCOME 2 – DIAGNOSIS AND EVALUATION OF ASTHMA

For the International Fellow to perform diagnosis and evaluation of Asthma including appropriate clinical scores, physiological and laboratory testing.

#### OUTCOME 3 – MANAGEMENT OF ASTHMA

For the International Fellow to recognise the potential contribution of comorbidities and environmental exposures including occupation exposures to poor asthma control. Recognition of when to initiate pharmacological and non-pharmacological treatment.

#### OUTCOME 4 – RECOGNISE THE PRESENTATION OF COPD

For the International Fellow to recognise the presentation of COPD.

#### OUTCOME 5 – DIAGNOSIS AND EVALUATION OF COPD

For the International Fellow to perform diagnosis and evaluation of COPD including physiological assessments and clinical scores.

#### OUTCOME 6 – MANAGEMENT OF COPD

For the International Fellow to recognise when to initiate pharmacological and non-pharmacological treatment.

#### OUTCOME 7 – RECOGNISE, DIAGNOSE, AND MANAGE COUGH IN NON-SMOKERS WITH NORMAL CHEST IMAGING

For the International Fellow to perform diagnosis and evaluation of COPD including physiological assessments and clinical scores.

## Training Goal 4 – Management of Interstitial Lung Disease

By the end of this Fellowship, the International Fellow is expected to demonstrate competence in the assessment, diagnosis, and treatment of patients with Interstitial Lung Disease (ILD). Trainees should recognise distinctive patterns of radiological abnormality on chest radiograph and HRCT in common causes of ILD such as sarcoidosis, idiopathic pulmonary fibrosis (IPF), connective tissue disease-associated ILD, hypersensitivity pneumonitis, asbestosis, lymphangitis carcinomatosa, cystic lung disease and radiation pneumonitis and fibrosis.

### OUTCOME 1 – RECOGNISE THE PRESENTATION OF VARIOUS ILD CONDITIONS

For the International Fellow to recognise the presentation of various ILD conditions.

### OUTCOME 2 – DIAGNOSIS AND EVALUATION OF ILD

For the International Fellow to perform diagnosis and evaluation of ILD including interpretation of laboratory investigations, physiological testing, and radiology.

### OUTCOME 3 – MANAGEMENT OF ILD

For the International Fellow to recognise when to initiate pharmacological and non-pharmacological treatment.

## Training Goal 5 – Management of Lung Cancer

By the end of this Fellowship, the International Fellow is expected to be competent in recognising, assessing, diagnosing, and managing patients with lung cancer including paraneoplastic syndromes. Trainees must also identify and refer patients for radical treatment as early as possible. They must appreciate the various therapeutic modalities available based on type of cancer, staging, patient wishes, genetic markers and performance status. Where appropriate, Trainees must organise appropriate palliative interventions as soon as possible – pleural fluid control, radiotherapy, airway de-bulking /stenting / haemostatic techniques, SVC stenting.

### OUTCOME 1 – RECOGNISE THE PRESENTATION OF LUNG CANCER

For the International Fellow to recognise the presentation of lung cancer including paraneoplastic syndromes.

### OUTCOME 2 –PERFORM APPROPRIATE DIAGNOSTIC WORKUP, STAGING, AND TREATMENT PLANNING

For the International Fellow to demonstrate ability to perform appropriate diagnostic workup, staging, and treatment planning through participation at MDT.

### OUTCOME 3 – MANAGEMENT OF LUNG CANCER

For the International Fellow to correctly diagnose and manage electrolyte imbalances including rare presentations.

## Training Goal 6 – Management of Pulmonary Infections

By the end of this Fellowship, the International Fellow is expected to be competent in performing specialist assessment, investigation, diagnosis and management of known or suspected pulmonary infections in a manner appropriate to the complexity of the patient.

### OUTCOME 1 – ASSESS, DIAGNOSE AND TREAT PATIENTS WITH ACUTE RESPIRATORY INFECTIONS

For the International Fellow to assess, diagnose, and treat patients with acute respiratory infections such as parenchymal lung infections. Trainees must also recognise complications of pneumonia, namely abscess formation, empyema, ARDS and metastatic infection and determine which patients with pneumonia require critical care.

### OUTCOME 2 – ASSESS, DIAGNOSE AND TREAT PATIENTS WITH MYCOBACTERIUM TUBERCULOSIS INFECTION INCLUDING LATENT TB

For the International Fellow to assess, diagnose, and treat patients with mycobacterial infections such as tuberculosis (TB) based on symptoms, immunodeficiency including HIV, and characteristic radiology findings. Trainees must also demonstrate an awareness of the concept of latent TB and the future risk of developing TB.

### OUTCOME 3 – RECOGNISE THE RISK FACTORS NON-TUBERCULOUS MYCOBACTERIAL INFECTION (NTM)

For the International Fellow to recognise risk factors for NTM, such as middle-aged females with recurrent bronchitis, environmental exposure, chronic airway inflammation, Cystic Fibrosis, and immunosuppression including HIV infection. Trainees must also recognise that not all patients require treatment, and some are best observed.

## **Training Goal 7 – Management of Cystic Fibrosis & Non-Cystic Fibrosis Bronchiectasis**

By the end of this Fellowship, the International Fellow is expected to be competent in performing specialist assessment, investigation, diagnosis and management of known or suspected Cystic Fibrosis and non-Cystic Fibrosis Bronchiectasis in a manner appropriate to the complexity of the patient.

### **OUTCOME 1 – RECOGNISE THE PRESENTATION OF CYSTIC FIBROSIS**

For the International Fellow to recognise the presentation of Cystic Fibrosis

### **OUTCOME 2 – DIAGNOSIS AND EVALUATION OF CYSTIC FIBROSIS**

For the International Fellow to diagnose Cystic Fibrosis including interpretation of genetic profiling and sweat testing, and use of appropriate imaging, physiological, and laboratory testing for evaluation of multi-organ dysfunction.

### **OUTCOME 3 – MANAGEMENT OF CYSTIC FIBROSIS**

For the International Fellow to manage Cystic Fibrosis including use of CFTR modulator therapy, appropriate antimicrobial therapy, and airway clearance treatments. Recognition of complications, and understanding of timing for referral for transplantation, and palliative care

### **OUTCOME 4 – RECOGNISE THE PRESENTATION OF NON-CF BRONCHIECTASIS AND ITS VARIOUS AETIOLOGIES**

For the International Fellow to recognise the presentation of non-Cystic Fibrosis Bronchiectasis and its various aetiologies.

### **OUTCOME 5 – DIAGNOSIS AND EVALUATION OF NON-CF BRONCHIECTASIS**

For the International Fellow to diagnose and evaluate non-Cystic Fibrosis Bronchiectasis using appropriate imaging studies, physiological, and laboratory testing.

### **OUTCOME 6 – MANAGEMENT OF NON-CF BRONCHIECTASIS**

For the International Fellow to recognise when to initiate pharmacological and non-pharmacological treatment.

## Training Goal 8 – Management of Sleep Related Disorders

By the end of this Fellowship, the International Fellow is expected to assess, diagnose, and treat patients with sleep related disorders such as symptoms and signs of potential obstructive sleep apnoea (OSA) and obesity-hypoventilation syndrome (OHS). Trainees should arrange appropriate investigations for OSA and OHS including screening overnight oximetry and sleep studies and refer patients with suspected periodic breathing and parasomnias for full polysomnography while advising on initial treatment with non-invasive ventilation for moderate or severe OSA and OHS.

### OUTCOME 1 – RECOGNISE THE PRESENTATION OF SLEEP RELATED DISORDERS

For the International Fellow to recognise the presentation of obstructive sleep apnoea, obesity-hypoventilation syndrome, and hypoventilation syndrome related to chest wall and neuromuscular diseases.

### OUTCOME 2 – DIAGNOSIS AND EVALUATION OF SLEEP RELATED DISORDERED BREATHING

For the International Fellow to diagnose and evaluate sleep disordered breathing including the interpretation of full nocturnal polysomnography.

### OUTCOME 3 – MANAGEMENT OF SLEEP RELATED DISORDERED BREATHING

For the International Fellow to manage sleep disordered breathing including when to initiate nocturnal respiratory support and the use of pharmacological and non-pharmacological interventions.

## Training Goal 9 – Management of Pulmonary Vascular Disease

By the end of this Fellowship, the International Fellow is expected to assess, diagnose, and treat patients with Pulmonary Vascular Disease (PVD) and the associated congenital anomalies, pulmonary hypertension (PH), venous thromboembolism (VTE) and vasculitis. Trainees must also recognise the urgency in treating acute severe haemoptysis or potential renal involvement and refer to specialist centre appropriately.

### OUTCOME 1 – RECOGNISE THE PRESENTATION OF PULMONARY VASCULAR DISEASE

For the International Fellow to recognise the presentation of Pulmonary Vascular Disease.

### OUTCOME 2 – DIAGNOSIS AND EVALUATION OF PULMONARY VASCULAR DISEASE

For the International Fellow to diagnose and evaluate Pulmonary Vascular Disease including appropriate laboratory investigations, imaging studies, transthoracic echocardiography, and the role of right heart catheterisation.

### OUTCOME 3 – MANAGEMENT OF PULMONARY VASCULAR DISEASE

For the International Fellow to manage Pulmonary Vascular Disease including the use of PH specific therapies

## Training Goal 10 – Lung Transplantation

By the end of this Fellowship, the International Fellow is expected to demonstrate knowledge of advanced lung disease and recognise indications and contra-indications for lung transplant referral. Trainees will be able to recognise potentially suitable recipients are placed on the active transplant list only after a very detailed in-patient assessment and inform patients of post-transplantation aftercare as appropriate to the complexity of the patient.

### OUTCOME 1 – UNDERSTANDING THE ROLE OF LUNG TRANSPLANTATION INCLUDING REFERRAL CRITERIA

For the International Fellow to understand the role of lung transplantation including referral criteria for management of patients with advanced lung disease through completion of an online module and/or rotation through National Heart & Lung Transplantation Unit.

## Training Goal 11 – Research & Academic Development

By the end of this Fellowship, the International Fellow is expected to demonstrate knowledge of basic principles of clinical and translational research, the relevant ethical considerations, statistical analysis, and the importance of Good Clinical Practice (GCP).

### OUTCOME 1 – KNOWLEDGE OF PRINCIPLES OF CLINICAL AND TRANSLATIONAL RESEARCH

For the International Fellow to demonstrate knowledge of basic principles of clinical and translational research including relevant ethical considerations.

### OUTCOME 2 – KNOWLEDGE OF PRINCIPLES OF STATISTICS

For the International Fellow to demonstrate knowledge of basic principles of statistics and analytical processes.

### OUTCOME 3 – RECOGNISE THE IMPORTANCE OF GOOD CLINICAL PRACTICE

For the International Fellow to recognise the importance of and maintain certification in Good Clinical Practice (GCP).

## COMPLEMENTARY TRAINING & EDUCATIONAL ACTIVITIES

### Training Activities

The International Fellow is expected to participate in different Training Activities in a variety of settings, such as Outpatient Clinics; Ward Rounds; Consultations; Emergencies/Complicated Cases; Grand Rounds; Multidisciplinary Team Meetings; Clinical Audits; National Meetings.

Specific requirements for this ICFP are outlined in the final section of this document ([Summary Table of Expected Experience](#)).

### Educational Activities

The International Fellow will also be invited to attend all **Respiratory Medicine Study Days** and could be eligible to complete the **HST Taught Programme in Respiratory Medicine**.

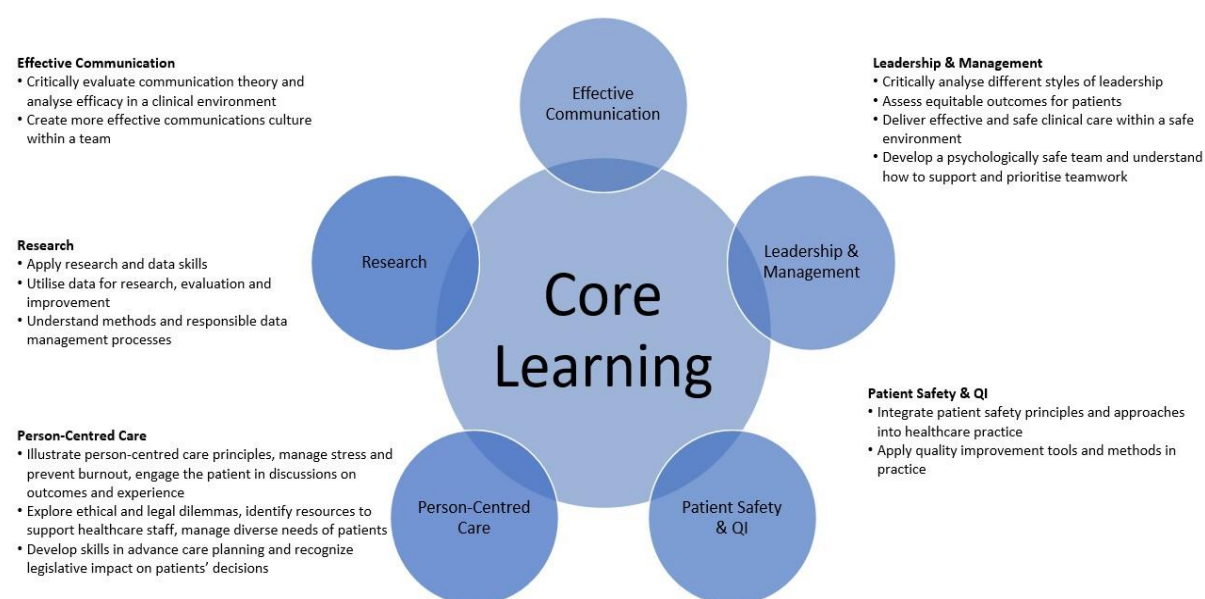
The RCPI Taught Programme consists of a series of modular elements. Content delivery is a combination of self-paced online material, live virtual tutorials, and in-person workshops, all accessible in one area on the RCPI's virtual learning environment (VLE), RCPI Brightspace.

The live virtual tutorials are delivered by Tutors related to the Institute of Medicine and they will use specialty-specific examples throughout each tutorial.

International Fellows can be assigned to a tutorial group with the HST Trainees from Institute of Medicine starting in July.

The assigned supervisor/clinical lead determines whether it is appropriate for the International Fellow to attend the Taught Programme or portions of it.

The diagram below illustrates the content covered by the Taught Programme.



## ASSESSMENT GUIDELINES

The progression of the International Fellow throughout the programme is monitored and evaluated making use of both formative and summative assessments.

### Formative Assessment

- Focuses on continuous feedback and developmental growth.
- Includes multiple opportunities for reflection, discussions, and skill evaluations throughout the training period.
- Helps identify areas for improvement and supports ongoing learning.

### Summative Assessment

- Provides a final judgment of competency at various stages of training.
- Involves formal evaluations and workplace-based assessments.
- Used to assess whether the trainee meets the necessary standards to progress in training or achieve certification (e.g. examination).

### WBAs in use at RCPI

Workplace-based assessments (WBAs) refer to those assessments used to evaluate Trainees' daily clinical practices employed in their work setting. These are primarily based on the observation of Trainees' performance by Trainers.

RCPI employs a variety of WBAs with different focuses:

- Observation of clinical practice: this can be evaluated using structured assessments such as via MiniCEX and DOPS.
- Discussion of clinical cases: this can be formally evaluated via Case Based Discussion (CBD) and it is mostly used to assess clinical judgment and decision-making.
- Informal Feedback: this can be gathered by different trainers, colleagues and recorded via Feedback Opportunity Form available on ePortfolio.
- Mandatory Evaluations: these are bound to specific events or times of the academic year. For these at RCPI we use the Quarterly Assessment/End of Post Assessment and End of Year Evaluation.

### Recording WBAs on ePortfolio

It is expected that WBAs are logged on an electronic portfolio. Every International Fellow has access to an individual ePortfolio where they must record all their assessments, including WBAs. By recording assessments on this platform, ePortfolio serves both the function to provide an individual record of the assessments and to track International Fellows' progression.

Below is a table of all the assessments available for this ICFP and a brief explanation of each.

| WORKPLACE-BASED ASSESSMENTS                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CBD   Case Based Discussion</b>                    | <p>This assessment is developed in three phases:</p> <ol style="list-style-type: none"> <li>1. Planning: The International Fellow selects two or more medical records to present to the Trainer who will choose one for the assessment. International Fellow and Trainer identify one or more training goals in the curriculum and specific outcomes related to the case. Then the Trainer prepares the questions for discussion.</li> <li>2. Discussion: Prevalently, based on the chosen case, the Trainer verifies the International Fellow's clinical reasoning and professional judgment, determining the International Fellow's diagnostic, decision-making and management skills.</li> <li>3. Feedback: The Trainer provides constructive feedback to the International Fellow. It is good practice to complete at least one CBD per quarter in each year of training.</li> </ol> |
| <b>DOPS   Direct Observation of Procedural Skills</b> | <p>This assessment is specifically targeted at the evaluation of procedural skills involving patients in a single encounter.</p> <p>In the context of a DOPS, the Trainer evaluates the International Fellow while they are performing a procedure as a part of their clinical routine. This evaluation is assessed by completing a form with pre-set criteria, then followed by direct feedback.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>MiniCEX   Mini Clinical Examination Exercise</b>   | <p>The Trainer is required to observe and assess the interaction between the International Fellow and a patient. This assessment is developed in three phases:</p> <ol style="list-style-type: none"> <li>1. The International Fellow is expected to conduct a history taking and/or a physical examination of the patient within a standard timeframe (15 minutes).</li> <li>2. The International Fellow is then expected to suggest a diagnosis and management plan for the patient based on the history/examination.</li> <li>3. The Trainer assesses the overall International Fellow's performance by using the structured ePortfolio form and provides constructive feedback.</li> </ol>                                                                                                                                                                                           |
| <b>Feedback Opportunity</b>                           | <p>Designed to record as much feedback as possible. It is based on observation of the International Fellows in any clinical and/or non-clinical task. Feedback can be provided by anyone observing the International Fellow (peer, other supervisors, healthcare staff, juniors). It is possible to turn the feedback into an assessment (CDB, DOPS or MiniCEX)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MANDATORY EVALUATIONS                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>QA   Quarterly Assessment</b>                      | <p>As the name suggests, the Quarterly Assessment recurs four times in the academic year, once every academic quarter (every three months).</p> <p>It frequently happens that a Quarterly Assessment coincides with the end of a post, in which case the Quarterly Assessment will be substituted by completing an End of Post Assessment. In this sense the two Assessments are interchangeable, and they can be completed using the same form on ePortfolio.</p>                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>EOPA   End of Post Assessment</b>                  | <p>However, if the International Fellow will remain in the same post at the end of the quarter, it will be necessary to complete a Quarterly Assessment. Similarly, if the end of a post does not coincide with the end of a quarter, it will be necessary to complete an End of Post Assessment to assess the end of a post.</p> <p>This means that for every specialty and level of training, a minimum of four Quarterly Assessment and/or End of Post Assessment will be completed in an academic year as a mandatory requirement.</p>                                                                                                                                                                                                                                                                                                                                               |
| <b>EOYE   End of Year Evaluation</b>                  | <p>The End of Year Evaluation occurs once a year and involves the attendance of an evaluation panel composed of the National Specialty Directors (NSDs); the Specialty Coordinator attends too, to keep records of and facilitate the meeting. The assigned Trainer is not supposed to attend this meeting unless there is a valid reason to do so. These meetings are scheduled by the respective Specialty Coordinators and happen sometime before the end of the academic year (between April and June).</p>                                                                                                                                                                                                                                                                                                                                                                          |

## SUMMARY TABLE OF EXPECTED EXPERIENCE

| Experience Type                                                                                                                                       | Required/<br>Desirable | Expected<br>Frequency |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------|
| <b>Training Plan</b>                                                                                                                                  |                        |                       |
| Personal Goals Plan (Copy of agreed Training Plan for the module signed by both International Fellow & Trainer at the beginning of the Training year) | Required               | 1 per year            |
| Sample of Weekly Timetable (per post)                                                                                                                 | Required               | 1 per post            |
| <b>Training Activities (please note that all activities should be agreed with Trainer)</b>                                                            |                        |                       |
| <b>Clinics (if available in post)</b>                                                                                                                 |                        |                       |
| ILD Clinics                                                                                                                                           | Required               | 10 over programme     |
| Severe Asthma Clinics                                                                                                                                 | Required               | 10 over programme     |
| Rapid Access Lung Cancer Clinics                                                                                                                      | Required               | 20 over programme     |
| Joint Thoracic Clinics (if available)                                                                                                                 | Required               | Agree with Trainer    |
| Survivorship Clinics (if available)                                                                                                                   | Required               | Agree with Trainer    |
| TB Clinics                                                                                                                                            | Required               | 10 over programme     |
| Bronchiectasis Clinics (if available)                                                                                                                 | Required               | Agree with Trainer    |
| Sleep Clinics                                                                                                                                         | Required               | 10 over programme     |
| MND Clinics                                                                                                                                           | Required               | 1 over programme      |
| Post Lung Transplantation Clinics                                                                                                                     | Required               | 1 over programme      |
| <b>Ward Consultations</b>                                                                                                                             |                        |                       |
| Consultant-Led                                                                                                                                        | Required               | 1 per week            |
| Fellow-Led                                                                                                                                            | Required               | 1 per week            |
| Consultations                                                                                                                                         | Required               | 1 per week            |
| <b>Cases Experience</b>                                                                                                                               |                        |                       |
| Diagnosis of nature of problem and its presentation, emergency case for investigation relevant to respiratory diseases                                | Required               | 10 over programme     |
| Chronic Cases / Long Term Care                                                                                                                        | Required               | 5 over programme      |
| ICU Cases                                                                                                                                             | Required               | 1 over programme      |
| <b>Educational Activities</b>                                                                                                                         |                        |                       |
| <b>In-house activities (if available on site)</b>                                                                                                     |                        |                       |
| Grand Rounds                                                                                                                                          | Required               | 1 monthly             |
| Journal Clubs                                                                                                                                         | Required               | 1 monthly             |
| Radiology Conference                                                                                                                                  | Required               | 20 per year           |
| Pathology Conference                                                                                                                                  | Required               | 10 per year           |
| MDT Meeting                                                                                                                                           | Required               | 1 monthly             |
| Seminar                                                                                                                                               | Required               | 1 monthly             |
| Lecture                                                                                                                                               | Required               | 1 monthly             |

| Experience Type                                                                                                                                             | Required/<br>Desirable | Expected<br>Frequency     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|
| <b>Formal Teaching Activity (1 per month)</b>                                                                                                               |                        |                           |
| Lecture                                                                                                                                                     | Required               | Ad hoc                    |
| RCPI Taught Programme                                                                                                                                       | Required               | 1 per quarter             |
| <b>Research</b>                                                                                                                                             | Desirable              | 1 per<br>programme        |
| <b>Clinical Audit activities and reporting</b>                                                                                                              | Required               | 1 per year                |
| <b>Publications</b>                                                                                                                                         | Desirable              | 1 per<br>programme        |
| <b>Presentations</b>                                                                                                                                        | Desirable              | 1 per year                |
| <b>National/International meetings</b>                                                                                                                      | Required               | 1-2 per year              |
| <b>Assessments and Evaluations</b>                                                                                                                          |                        |                           |
| <b>Workplace Based Assessments (WBAs) – Agree frequency with Trainer. Aim to have a variety of assessments completed for review at Quarterly Assessment</b> |                        |                           |
| Case Based Discussion                                                                                                                                       | Required               | As agreed with<br>Trainer |
| Mini-CEX                                                                                                                                                    | Required               | As agreed with<br>Trainer |
| DOPS                                                                                                                                                        | Required               | As agreed with<br>Trainer |
| <b>Feedback Opportunity</b>                                                                                                                                 | Required               | As agreed with<br>Trainer |
| <b>Examinations</b>                                                                                                                                         |                        |                           |
| HERMES Exam                                                                                                                                                 | Optional               |                           |
| <b>Mandatory Evaluations</b>                                                                                                                                |                        |                           |
| Quarterly Assessment (1 every 3 months)                                                                                                                     | Required               | 4 per year                |
| End of Year Evaluation                                                                                                                                      | Required               | 1 per year                |

| <b>IMAGING TECHNIQUES / TESTING / PROCEDURES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>IMAGING TECHNIQUES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                       |
| Experience Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Expected Experience                                                                   |
| Chest radiograph - 20 clinic, 20 post-take                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Record 120 over the course of programme                                               |
| HRCT Thorax- interpret 10 OPD, 10 at ILD clinics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Record 60 over the course of programme                                                |
| Helical CT - interpret 10 clinic, 20 at bronchoscopy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Record 90 over the course of programme                                                |
| CTPA- interpret 10 post take and 10 in-patients                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Record 60 over the course of programme                                                |
| <b>IMAGING TECHNIQUES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                       |
| Experience Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Expected Experience                                                                   |
| <b>Lung Function Testing as agreed with Trainer to include the following:</b> <ul style="list-style-type: none"> <li>• Be able to perform spirometry independently</li> <li>• Correctly identify obstruction, reversibility and air trapping</li> <li>• Correctly identify restriction - pulmonary and extra-pulmonary</li> <li>• Correctly identify reduced gas transfer</li> <li>• Correctly identify extra thoracic obstruction</li> <li>• Measuring lung volumes -Mechanisms</li> <li>• Attend and interpret Respiratory muscle strength testing</li> </ul> | Record as required until successful appraisal and as agreed with assigned trainer/NSD |

| GAS EXCHANGE & OXYGENATION TESTING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Experience Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Expected Experience                                                                                                                                  |
| <b>Performing an ABG as agreed with Trainer to include the following:</b> <ul style="list-style-type: none"> <li>• ABG analysis-type 1 and type 2 respiratory failure</li> <li>• Calculating Alveolar arterial oxygen difference</li> <li>• Mixed metabolic and respiratory disturbance on blood gas analysis</li> <li>• Acute O<sub>2</sub> prescription</li> <li>• Interpret Overnight pulse oximetry and trans-cutaneous CO<sub>2</sub></li> <li>• Interpret and observe one 6-minute walk test</li> <li>• Observe 1 CPET test</li> </ul> | Record as required until successful appraisal and as agreed with assigned Trainer/NSD                                                                |
| BRONCHOSCOPY & EBUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                      |
| Experience Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Expected Experience                                                                                                                                  |
| <b>Indication for bronchoscopy as agreed with Trainer to include the following:</b> <ul style="list-style-type: none"> <li>• correctly identify the endobronchial anatomy</li> <li>• correctly perform bronchial wash/lavage</li> <li>• correctly perform bronchial biopsies</li> <li>• correctly perform bronchial brushings</li> <li>• correctly perform transbronchial lung biopsies</li> <li>• haemostasis post sampling</li> </ul>                                                                                                      | Record at least 200 as agreed with assigned Trainer over the course of programme. Final sign off- in first 6 months of 3rd clinical Respiratory year |
| <b>Indication for EBUS as agreed with Trainer to include the following:</b> <ul style="list-style-type: none"> <li>• Witness/assist at EBUS – procedures</li> </ul>                                                                                                                                                                                                                                                                                                                                                                          | Record at least 20 over the course of programme                                                                                                      |
| PLEURAL TRANSUDATE & EXUDATES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                      |
| Experience Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Expected Experience                                                                                                                                  |
| Differentiate Transudate and Exudates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | As agreed with Trainer. Final sign off- in first 6 months of 3rd clinical Respiratory year                                                           |
| Supervised Pleural USS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Record 30 over the course of programme                                                                                                               |
| Thoracentesis – supervised ultrasound-guided                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Record 10 over the course of programme                                                                                                               |
| Intercostal tube insertion via Seldinger technique - supervised                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Record 10 over the course of programme                                                                                                               |