

**Inova Fairfax Medical Campus
Lung Transplant Program and Advanced Lung Disease
Programs**

**Fellow & Resident
Survival Manual**

updated 03/06/2020

Get Ready Instructions and Directions

- 1) Credentialing
 - a. Please make sure that you have a copy of your Virginia license or temporary license, or that a copy has been sent to the Inova Fairfax GME office.
 - b. Contact GME office
 - i. Crystal Hall 703-776-4497 to start the credentialing process
 - ii. Lori Speidell (703) 776-3910 with any other questions
 - iii. Mariam Hashimi (703) 776- 2626 with credentialing questions
 - iv. Debbie Blackburn (703)776-4497 with application and quality questions

<http://www.inova.org/education/GME/resident-requirements>

Section 1 will need to be completed by you, Section 2 will need to be completed by your Program Director and GME Director. Section 3 will need to be completed by Dr. Shlobin or Dr.Nathan. After Sections 1-3 have been completed, please forward the application to Crystal Hall for review and she will have it signed by Dr. Erario. Once the application has been signed, Crystal will work with your GME office to draft an agreement for the rotation.

- c. GME office will set up EPIC training unless you have rotated through Fairfax previously.
- 2) Please arrive by 7:20am on your first day and present to the Advanced Lung Disease and Transplant Clinic area, located on the ground floor of the Inova Heart and Vascular Institute (IHVI) (Inova Fairfax Hospital campus @3300 Gallows Road, Falls Church, VA 22042) if your rotation starts on a Monday. Monday morning conference starts at 7:30am in the IHVI Ground floor conference room.
 - a. You can best reach the IHVI from Woodburn Road and then turning onto Wellness Boulevard. Continue straight past the Tower building (on the right) and under the pedestrian bridgeway that connects the Tower building to a parking garage on the left. Surgical Center will be on your right, followed by the IHVI building on your right after the stop sign. To get to the parking garage, continue past the access road to the IHVI building to the Grey garage entrance on the right (underneath the building). You will enter the building from the Grey garage on the ground level to immediately find the Advanced Lung Disease Clinic on your right hand side. If you reach the fountain in the main IHVI lobby, you have gone too far.
 - b. The IHVI conference room is located behind the elevators across from the pharmacy on the ground floor of the IHVI.
- 3) Julieth Munoz will be your contact for all the administrative matters for our program astrid.munoz@inova.org or (703) 776-3656

- 4) If you come to clinic on a day other than Monday, please arrive by 8:30am, and ask the receptionist to contact Julieth or Dr.Shlobin, Dr.Nathan, Dr.Brown, Dr.King, Dr.Aryal or Dr.Ahmad
- 5) You will be escorted to the GME office, where you will be registered and further instruction on how to obtain a badge, parking, etc. will be provided
 - ❖ Please make sure to ask the Parking office to give you the access to the **Original building 3rd floor** where the Lung Transplant physician offices are located or contact Julieth at astrid.munoz@inova.org for assistance
- 6) Please arrive for rotation by 8am every day (except the days when there is a 7:30am conference)
- 7) Your work area will be the all-purpose room located in our clinic area where 2-3 of our research coordinators are located, as well as our Pulmonary Techs (not there all the time). There are two desk spaces (see pic below) with computers for our Fellows and Residents. Please write your cell phone number on the board. **Please make sure that you log off your computer at the end of the day**
- 8) Fellows and residents will be expected to take a weekend call 1-2 times during the rotation
- 9) Lung journal club is held monthly. Fellows and residents will be expected to present 1 article.
- 10) Please wash your hands before and after entering patients' rooms, outside (not inside) of the room
- 11) In clinic, please obtain the EPIC templates from the clinic attending. If possible, please review patients records on the patients assigned before the RN coordinator gives report. Please let your coordinator know if you do not have access to Media. To ensure smooth clinic flow, the goal is to spend <15 minutes interviewing the patient
- 12) We look forward to having you! 😊

Advanced Lung Disease and Transplant Fellowship Rotation Objectives

- 1) To learn the evaluation process of potential lung transplant candidates
- 2) Evaluation of potential lung transplant candidates:
 - types of advanced lung diseases for which transplantation is an option
 - indications for bilateral vs. single vs. heart-lung transplant
 - indications for transplantation
 - contraindications to transplantation
- 3) Evaluation of the potential lung donor with an opportunity to observe organ recovery at a donor hospital if transplant is performed during the time of the rotation
- 4) Observation of lung transplant surgery
- 5) Bronchoscopy of lung transplant recipients
- 6) In-house management of lung transplant recipients in the peri-operative period:
 - Ventilator management of lung recipients
 - Hemodynamic management of lung recipients
 - Infectious disease prophylaxis
 - Diagnosis and management of acute allograft rejection
 - Immunosuppression
- 7) Outpatient management of lung transplant recipients:
 - Outpatient monitoring of the lung allograft, including evaluation for acute cellular and antibody-mediated rejection
 - PFT interpretation in lung recipients
 - Outpatient immunosuppression management
 - Recognition and management of long-term complications including chronic rejection
- 8) Management of patients with pulmonary hypertension:
 - Assessment and work-up of patients with pulmonary hypertension
 - Indications for the various available therapies and appropriate indications and use of the available oral therapies
 - Initiation and ongoing management of patients with continuous intravenous epoprostenol, treprostinil, SQ treprostinil and inhaled iloprost therapies
 - An opportunity to observe a RHC and read PH ECHOs
 - Participation in the monthly PH conference
- 9) Diagnosis and management of patients with interstitial lung disease
 - Participaton in the multidisciplinary pathology conference
 - Assessment and work up of various ILD diseases
 - Initiaion and ongoing management of patients on immunospresive and anti-fibrotic therapy
- 10) Diagnosis and management of patients with cystic fibrosis and non-CF bronchiectasis
 - Indication for genetic therapy
 - Treatment of chronic disease and acute exacerbation

Tentative Conference Schedule

Monday	Tuesday	Wednesday	Thursday	Friday
8:00am Weekend Update			4pm Collaborative LTx Meeting	12pm Lung Transplant Pathology / John's Hopkins call
7:30am Weekend Update	4pm Quality meeting	7:30am PH Conference	7:30am Pathology/Radiology conference 4pm Collaborative LTx Meeting	12pm WRTC Donor Review
7:30am Weekend Update	12:30pm Medical Grand Rounds	12pm Research Lunch	7 a.m. Research Meeting 12pm Journal Club 4pm Collaborative LTx Meeting	
7:30am Weekend Update		12p.m. Research Lunch	4pm Collaborative LTx Meeting	

Contact Numbers

MDs

Dr. Steven Nathan

- Spectra link – 65426
- Beeper – 83528

Dr. Oksana Shlobin

- Spectra link – 65475
- Beeper – 12173

Dr. A. Whitney Brown

- Spectra link – 65597
- Beeper – 22295

Dr. Chris King

- Spectra link – 64979
- Beeper – 16896

Dr. Shambhu Aryal

- Spectra link – 65427
- Beeper – 39492

Dr. Kareem Ahmad MD

- Spectra link – 64303
- Beeper – 51113 (703-365-1354)

Dr. Vik Khangoora

- Spectra link – 530-9865
- Beeper – 72211

Dr. Jhon Sherner MD

- Cellphone: 703-517-7634

ALD Fellow: Anju Singhal, MD to start July 2020

- Spectra link –
- Beeper –

NP/PAs

Meg (Post Tx): 65424

Jessica (Post Tx): 64719

Lauren (Inpt LTx): 62849

Nikki (Inpt ALD): 64368

RN Coordinators

Melissa (CF/bronchiectasis): 65422

Michelle (post): 64231

Matthew (pre): 64373

Shanna Guzman (PH): 62877
Johanna Coughlin (PH): 62591
Alicia Echols (PH): 63665
Patricia Jackson (ALD): 65601
Becky (ALD): 67460

Other Contacts

Adam (Tx PharmD): 65675
Susan (Clinic SW): 65776
Elizabeth (Inpatient SW): 56434
Clinic Resp: 65640
Front Desk: 63281
PR: 63462
Access: 65905
Research: 68040

Advance Lung Disease Rotation Overview

Please wash your hands before you enter patients' rooms (not once you are inside) to stay in compliance with Inova handwashing policy. A rotating fellow/resident will spend 2 weeks in clinic, 1 week on LTx inpatient service and 1 week on the ALD inpatient service.

Inpatient Service

The fellow on call during the weekend will help with the inpatient LTx service with new consults, follow up patients and inpatient bronchs. The fellow on the inpatient ALD service will help with the inpatient service, new admissions/consults, follow up patients and inpatient bronchs.

Two inpatient MD rounds for the week

- Rounds on inpatients
- Sees the new inpatient consults
 - New patient consults that arrive after 4pm will be the responsibility of the MD on call that day (to decide to see ASAP or hold till the next morning)
- Does inpatient and outpatient bronchs
- ALD MD performs research visits

Clinic Service

There are 1-4 MDs in clinic who will see the new consults and follow ups.

There are several clinics running at the same time and we are always adjusting our clinics flow to meet the need of our patients. So we ask you to be patient. Below is a brief summary of our clinics to help you through this rotation.

Advance Lung Disease clinic incorporates the following:

- Interstitial Lung Disease Clinic. We were approved as an ILD Center of excellence by the Pulmonary Fibrosis Foundation in January 2015
- Pulmonary Hypertension Clinic. We became one of the first accredited Pulmonary Hypertension Comprehensive Care Center's in the country in September 2014
- Cystic Fibrosis Clinic was accredited by the CFF in 2017
- COPD
- Sarcoidosis. We received accreditation from WASOG in 2019
- Other rare lung diseases and diagnostic dilemmas
- Pre-lung transplantation clinic
- Post-transplant clinic

Clinic starts M-F at 8:30am and runs through 4pm with an hour lunch break between 12:00-1:00 pm. There are 3-4 new consultations Monday - Friday and follow up patients are seen every 30 minutes. New consult visits are allotted 1 ½ hours to be seen, including presentation to the attending and discharge. Please be cognizant of the time spent reviewing the records and with patients. Prolonged patient visits affect clinic flow and other patient visit times. Please plan to spend <15 min in patients' rooms for an interview and exam.

Follow up patients are seen every 30 minutes. New consult visits are allotted 1 ½ hours to be seen, presented to the attending and discharged. The fellows will preferentially see the new consults. Please be cognizant of the time spent reviewing the records and with patients. Prolonged patient visits affect clinic flow and other patient visit times.

Residents/fellows are assigned the patients in the morning. It is essential to review the records before hand (prior clinic notes and the media section). Please let the coordinator know if you do not have access to Media to review records. Coordinators will give the testing to the fellows/residents when the patients are ready. The ALD Coordinator to be in room for summation and plan. Please do not allow new patient to leave clinic before patient is discharged by the coordinator.

Bronchoscopy

Fellows are to arrive and consent the patient 15 minutes prior to bronchoscopy appointment time. The two consent forms are:

- i. Conscious sedation
- ii. Procedure

Please check the patient history, recent labs and radiographic studies.

Fill out the Pre-procedure form (template).

Attending will put in the orders.

Bronchoscopy note is done in Endoworks.