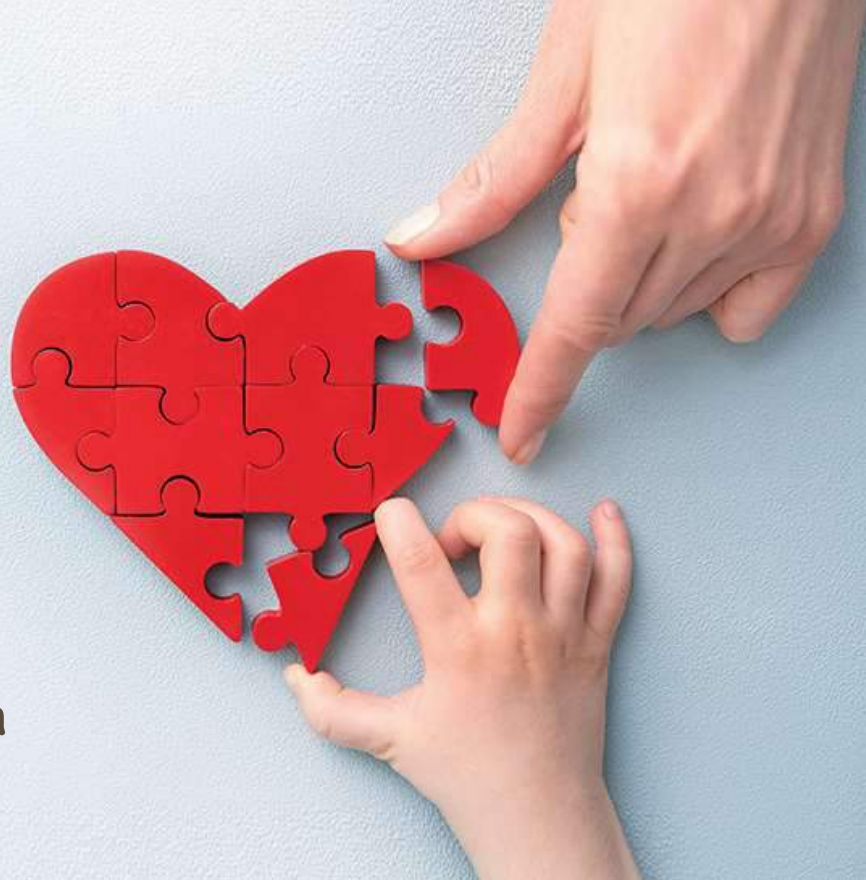


CARDIOLOGY
2024

BUILDING A LYMPHATIC PROGRAM

Erin Pinto, MSN, CRNP
Jill and Mark Fishman Center for
Lymphatic Disorders
Children's Hospital of Philadelphia
February 17, 2024



DISCLOSURES

- None

A LYMPHATIC PROGRAM IS ONLY AS STRONG AS THE SUM OF ITS MANY PARTS



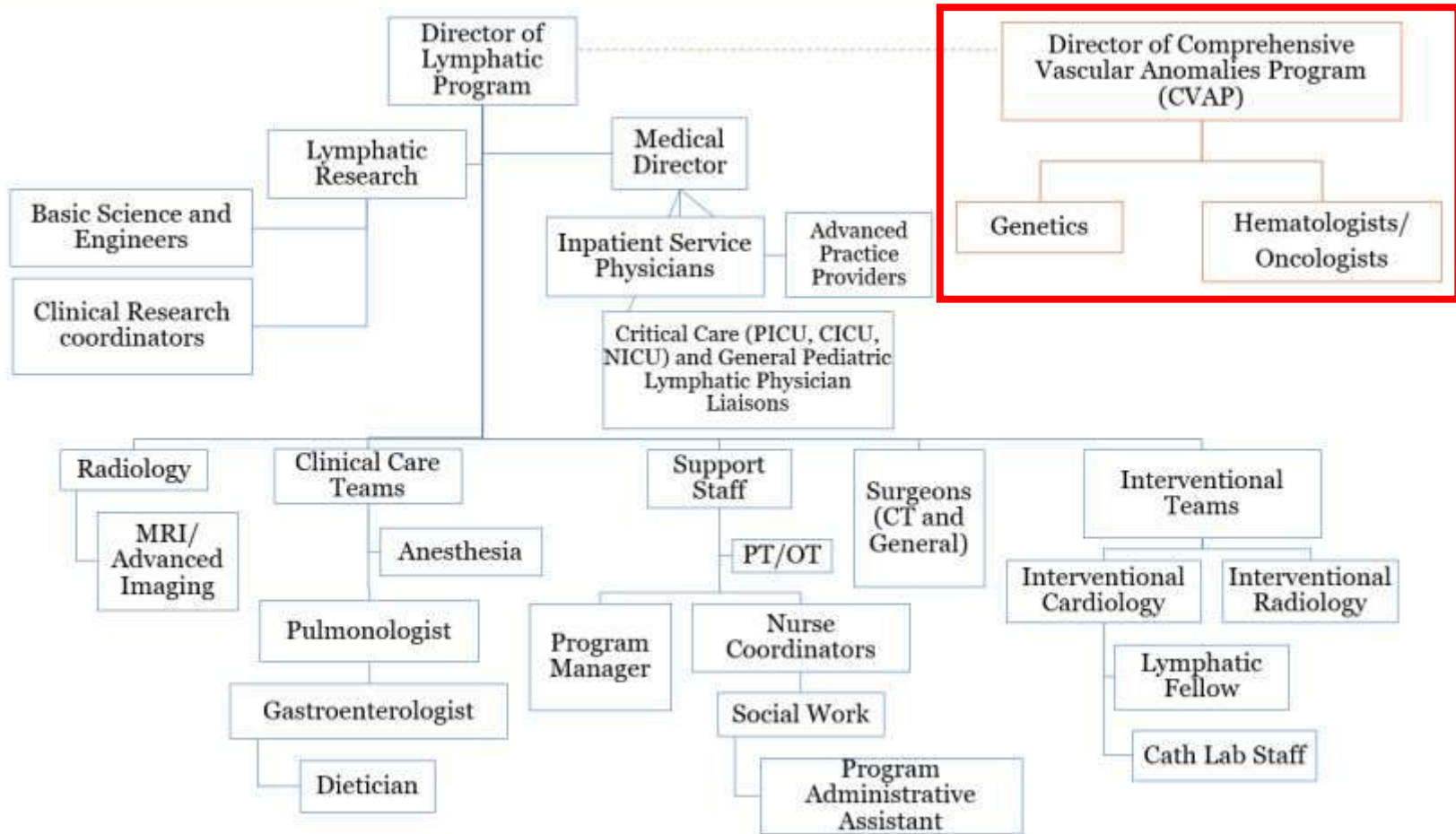
“MANY PARTS” OF A LYMPHATIC PROGRAM

- Interventionalists (Cardiac and Interventional Radiology)
 - Surgeons
 - Clinical service staff and framework
 - Support staff
 - Venue for imaging/interventions
-
- Education for clinical staff
 - Clinical pathways and protocols
-
- Referral and intake structure/process
 - Follow up and clinic structure/process

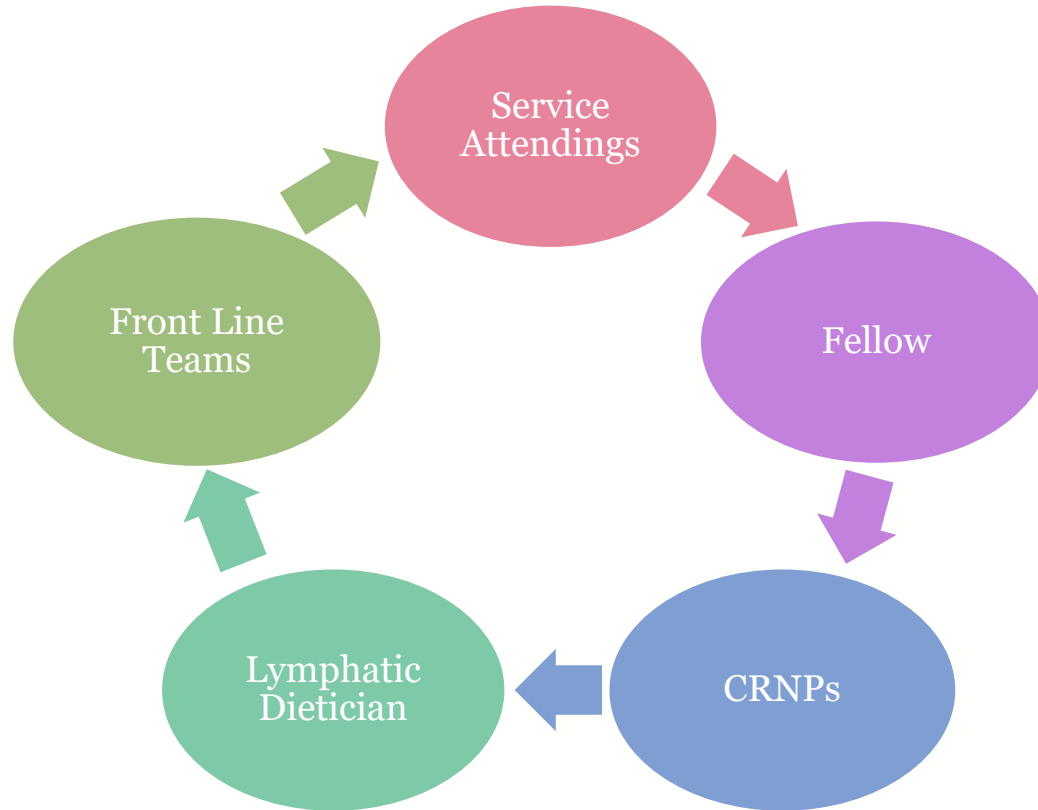
RIGHT PERSONNEL

- Dynamic process
- Innovative/New Field of Medicine
- Flexibility
- Believe and desire to move forward (however slow it may be)





CLINICAL SERVICE: LYMPHATIC CONSULT TEAM

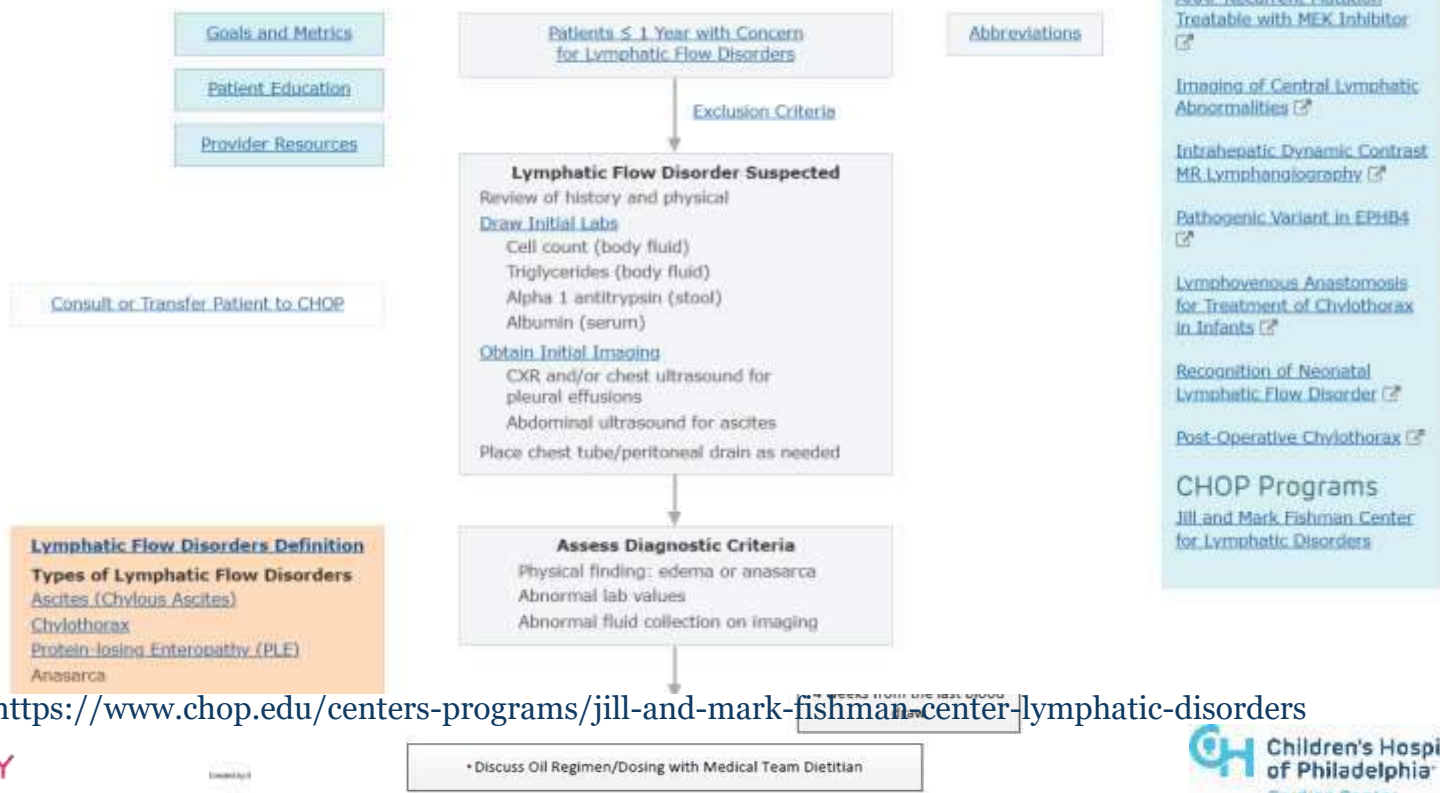


CLINICAL SERVICE: TEAM EFFORT

- Cardiology
- General Pediatrics (HPT service)
- Cardiac Anesthesia
- CICU/CCU (Cardiac step down unit)
- CPRU
- PICU
- NICU
- GI
- Nutrition/Dieticians
- Neurology
- CVAP
- Radiology
- Interventional Radiology
- Cardiology Interventionalists
- Cardiac catheterization lab staff
- Cardiac MRI staff
- Pulmonary
- Hematology/Thrombosis
- General Surgery/CT Surgery
- Lymphedema PT/OT
- Wound Care/Ostomy team
- Intake Center/Preadmission testing

Feeding Guideline for Neonates

Inpatient Clinical Pathway for Management of Infants with Lymphatic Disorders



<https://www.chop.edu/centers-programs/jill-and-mark-fishman-center-lymphatic-disorders>

EDUCATION: LECTURES



LE&RN Online Symposium:

New Diagnostic Procedures and Interventions for Patients with Systemic Lymphatic Disease

Presented by Christopher Smith, MD, PhD



Lymphatic Education
& Research Network



CARDIOLOGY
2024

 Children's Hospital
of Philadelphia
Cardiac Center

RESOURCES AVAILABLE EXTERNALLY

Inpatient Clinical Pathway for Management

 Children's Hospital of Philadelphia

FIND A DOCTOR DEPARTMENTS CONDITIONS LOCATIONS YOUR VISIT  MAKE A GIFT

Search 

Jill and Mark Fishman Center for Lymphatic Disorders Resources

Innovations in Vascular Anomalies: How a Multidisciplinary Disease Approach can Change the Outcome for Rare Disease

 View this webinar to learn an overview of how comprehensive, multidisciplinary care can benefit patients with vascular anomalies.

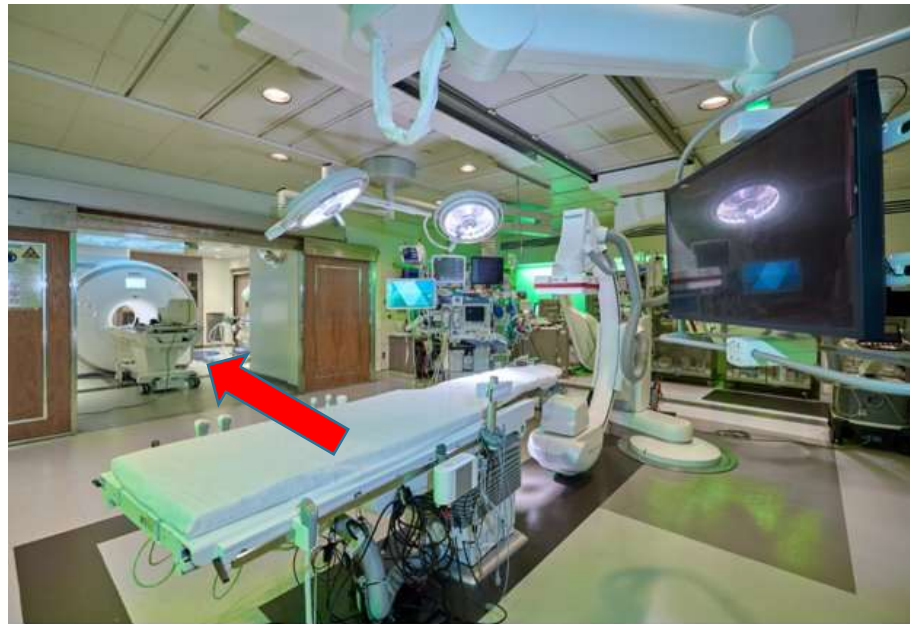
CONTACT US

JILL AND MARK FISHMAN CENTER FOR LYMPHATIC DISORDERS

Contact Us

<https://www.chop.edu/clinical-pathways/m/jill-and-mark-fishman-lymphatic-disorders-clinical-pathway>

RIGHT VENUE



REFERRAL/INTAKE

- Publications
- Social Media
- Website
- Google search
- Physician to Physician



RIGHT SUPPORT STAFF

- CHOP Cardiac referral
- Lymphatic Nurse Coordinators
- Lymphatic Clinical Care Coordinators:
 - Contact referring providers/families
 - Collect data/images
 - Summarize patient information
 - Point person(s) for referring providers/families

Lymphatic Support Staff Team



Vanessa Bustard,
BSN, RN, CPN

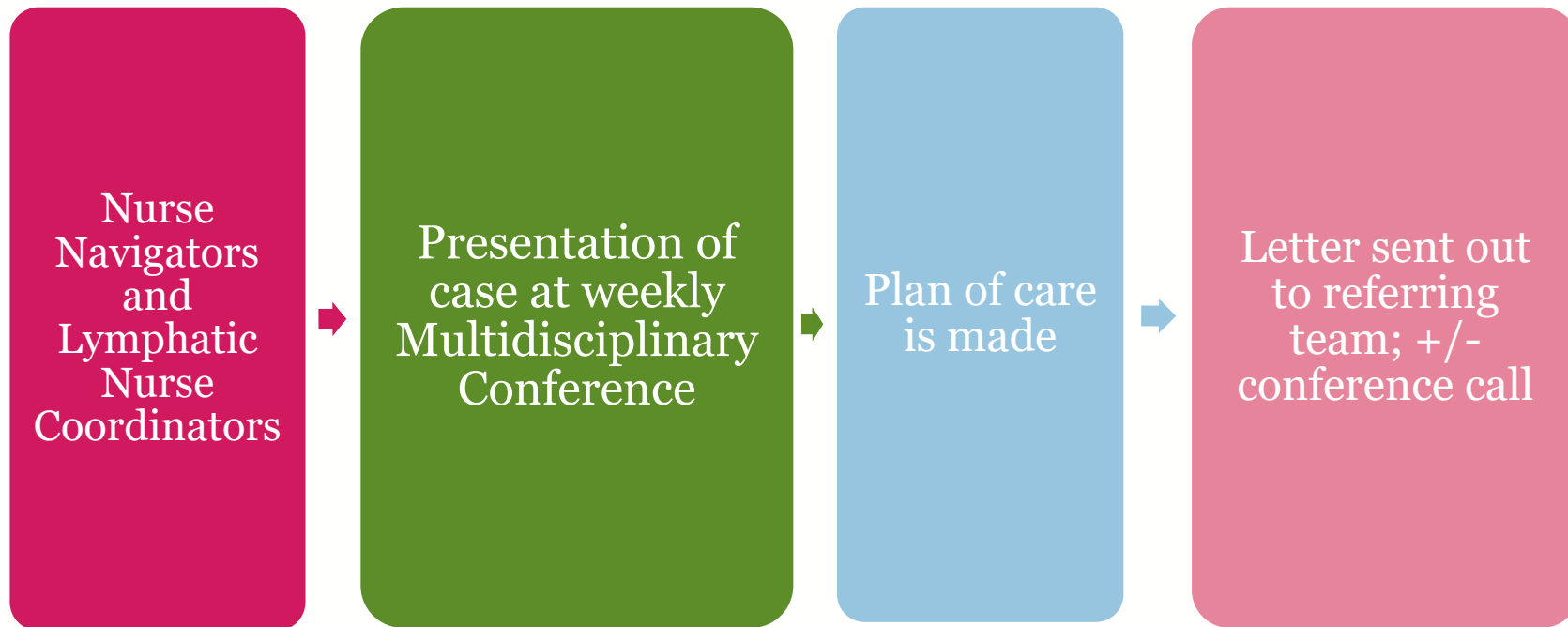


Diane Garofalo



Melissa Lyons, BSN,
RN

STREAMLINED REVIEW OF DATA FOR REFERRAL PATIENTS



FOLLOW UP

- Automated emails sent out at dedicated timelines (2 weeks, 2 months, 6 months and 1 year after discharge)
- Lymphatic Nurse Coordinators available for questions, abnormal follow up data, etc
- Telemedicine visits
- Clinic



Please use this QR code to fill out our lymphatic follow up form after discharge.
Complete at: 2 weeks, 2 months, 6 months, 12 months.



OUTPATIENT CLINICS

- Attending and APP
 - New consultations
- APP incident to billing
 - Follow ups
- APP Direct billing
 - New consults
- Lymphatic Dietician Clinic
 - Independent clinic appt
 - Appts w/lymphatic appts as well
- Comprehensive Vascular Anomalies Multi-Disciplinary Clinic (includes Dermatology, plastic surgery, oncology, GI, PT/OT, dietician, pulmonary, genetics, lymphatics)

IN SUMMARY

- Change and Innovation is crucial for the advancement of medicine
- Patients with lymphatic dysfunction require multidisciplinary care
- Collaboration as a team is vital in a multidisciplinary program
- Setting up strong support systems are crucial to the success of any new program
- Systems put in place to improve patient outcomes and decrease patient morbidity and mortality
- We have taken the first steps in unraveling this new frontier but much more needs to be done

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