

# AABIP Pediatrics Chapter

First Official Meeting  
April 3, 2024

Joe Piccione, D.O., M.S.  
Children's Hospital of Philadelphia  
AABIP Membership Committee





# What is the AABIP?

- Founded in 1992
- Mission:
  - To serve by making a positive difference in the care of patients with thoracic diseases through the synergy of innovative technologies, minimally invasive procedures, transformative education and research
- Vision:
  - To advance the field of Interventional Pulmonology and establish AABIP as the premier leader in the minimally invasive diagnostic and therapeutic thoracic interventions (through education, research and advocacy)



# What is the AABIP?

- Significant milestones:
  - Adult IP Fellowships
  - Adult IP Board Certification
  - Education & Training for Physicians and Allied Health Professionals
  - Journal of Bronchology and Interventional Pulmonology
  - Annual Conference (3 days of didactics, hands-on learning and opportunities to collaborate)



# AABIP Leadership

- Board of Directors
- Committees
  - Membership
  - Education
  - Diversity, Inclusion & Unity
  - Scientific Program
  - Research
  - Communications & Social Media
  - Certification
  - Regulatory Affairs & Advocacy
- Chapters
  - Regional Adult IP Chapters
  - Advanced Practice Providers & Allied Health
  - Anesthesia
  - Pediatrics (NEW)

# AABIP Leadership



**AABIP PRESIDENT**



**Septimiu Murgu  
MD, FCCP, DAABIP**

*University of Chicago  
AABIP President*



**AABIP VICE PRESIDENT**



**Carla Lamb  
MD**

*Beth Israel Lahey Health  
AABIP Vice President*



**AABIP SECRETARY-TREASURER**



**Sonali Sethi  
MD**

*Cleveland Clinic  
AABIP Secretary-Treasurer*

# AABIP Leadership

## AABIP BOARD MEMBERS



MEMBER	INSTITUTION
Abdul Hamid Alraiyes, MD	Advocate Aurora Health
Colleen Channick, MD	UCLA
George Cheng, MD	UC San Diego
Joseph Cicenia, MD	Cleveland Clinic
Colleen Keyes, MD	Massachusetts General Hospital
Amit Mahajan, MD	Inova Cardiac Vascular & Thoracic Surgery Associates
Adnan Majid, MD	Beth Israel Deaconess Medical Center
Nicholas Pastis, MD	The Ohio State University
Ashutosh Sachdeva, MBBS	University of Maryland Medical Center

# What is the current state of pediatric advanced diagnostic and interventional bronchoscopy?



Pediatric pulmonologists are developing programs in the U.S., Europe and Asia

- Procedure volumes are generally small, but growing
- No formal certification in Peds IP

Adult pulmonologists are often asked to help take care of children

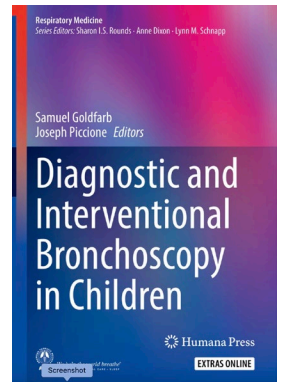
- They may have no pediatric training, but are highly experienced and received formal training in advanced and interventional procedures for adult patients



# Initial Success Achieved Through Ad-Hoc Collaboration



- ATS Post-Graduate Courses (2022, 2024)
- Annual Mt. Sinai Cryo Course (2023, 2024)
- ATS Poster Discussion Sessions (2023, 2024)
- ERS Symposium, Milan, Italy (2023)
- European 3-day Course, Dusseldorf, Germany (2024)
- Annual Cincinnati Cryo Course (2023, 2024)
- Peds IP Textbook (2021)
- National Survey (2024)
- AABIP Pediatric IP Podcast (2022)







# Pediatric Advanced Diagnostic / Interventional Bronchoscopy – National Survey

**Practices And Perspectives on Advanced Diagnostic and Interventional Bronchoscopy  
Among Pediatric Pulmonologists In The United States**

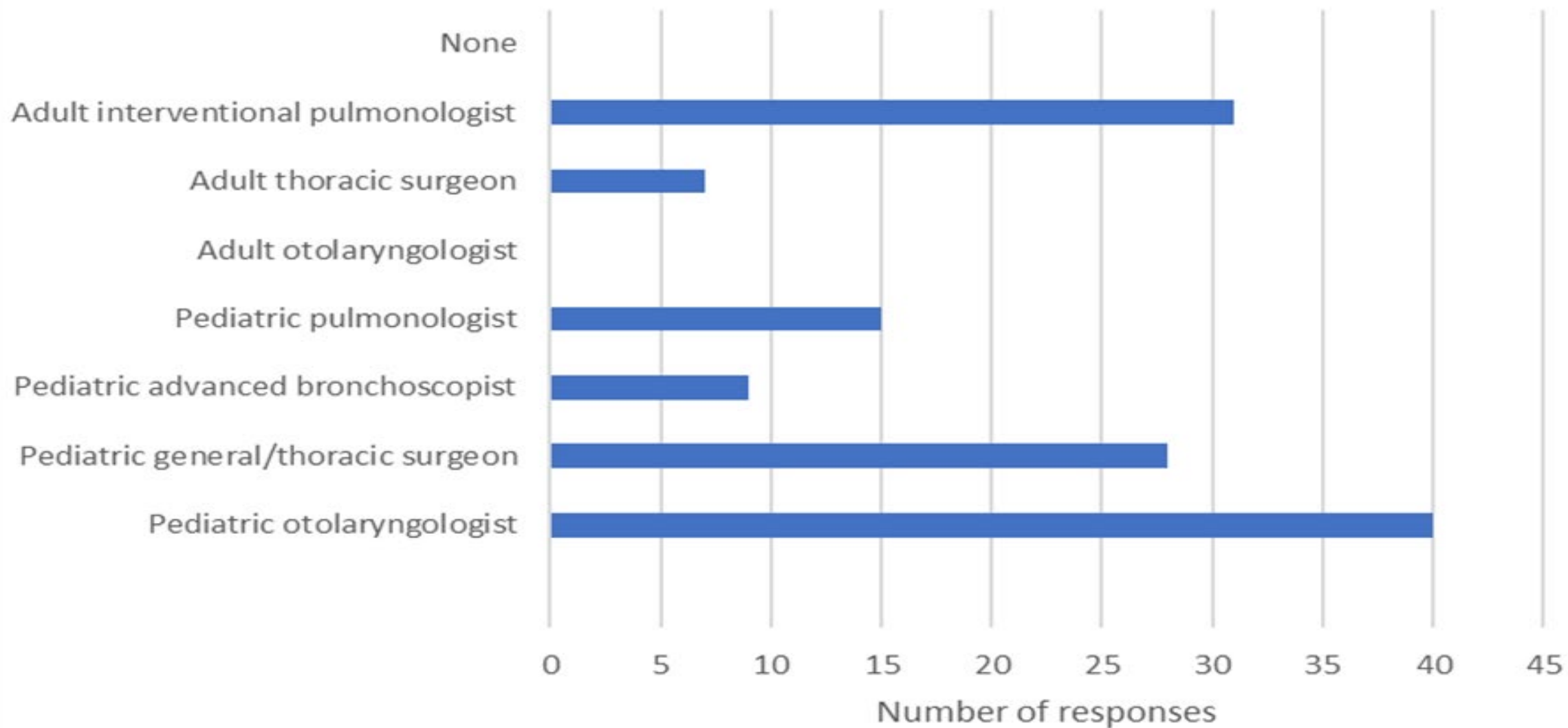
A Corcoran, MBBS<sup>1</sup>.; D Shore, MD<sup>2</sup>.; RP Boesch, MD<sup>3</sup>.; M Chopra, MD<sup>4</sup>.; S Das, MD<sup>5</sup>.; D DiBardino, MD<sup>6</sup>.; S

Goldfarb, MD<sup>7</sup>.; A Haas, MD.<sup>6</sup>; E Hysinger, MD<sup>8</sup>.; P Phinizy, MD<sup>1</sup>.; A Vicencio, MD<sup>9</sup>.; J Toth, MD<sup>2</sup>.; J Piccione, DO<sup>1</sup>.

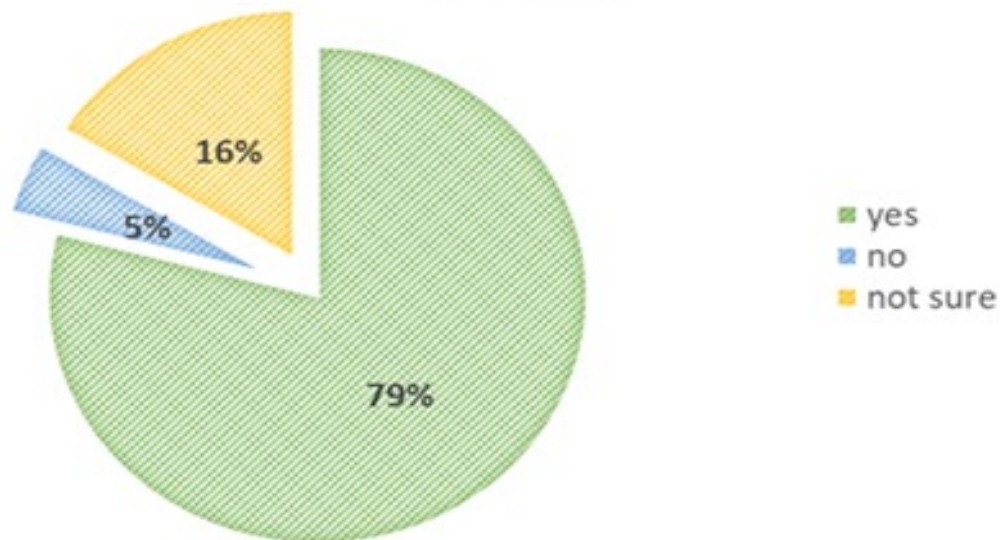
<b>Procedure, N (%)</b>	<b>0</b>	<b>1 to 10</b>	<b>10 to 20</b>	<b>20 to 30</b>	<b>30 to 50</b>	<b>&gt;50</b>
<b>Endobronchial brushing</b>	14 (33%)	19 (44%)	5 (12%)	3 (7%)	2 (4%)	0
<b>Endobronchial biopsy</b>	21 (49%)	17 (40%)	3 (7%)	1 (2%)	0	1(2%)
<b>TBNA without EBUS</b>	33 (77%)	9 (21%)	1 (2%)	0	0	0
<b>Convex probe EBUS with TBNA</b>	36 (84%)	7 (16%)	0	0	0	0
<b>Radial or Linear EBUS with TBNA</b>	38 (88%)	4 (10%)	1 (2%)	0	0	0
<b>Navigational bronchoscopy</b>	42 (98%)	0	1 (2%)	0	0	0
<b>Robotic bronchoscopy</b>	43(100%)	0	0	0	0	0
<b>Transbronchial biopsy</b>	26 (60%)	12 (27%)	3 (7%)	1 (2%)	0	1(2%)

<b>Airway foreign body removal</b>	13 (30%)	27 (63%)	2 (5%)	0	1 (2%)	0
<b>Removal of endobronchial mass</b>	33 (77%)	9 (21%)	1 (2%)	0	0	0
<b>Airway Stents</b>	37 (86%)	6 (14%)	0	0	0	0
<b>Cryodebulking</b>	35 (81%)	7(17%)	1 (2%)	0	0	0
<b>Cryoextraction</b>	28 (65%)	11(25%)	3 (9%)	0	0	0
<b>Endobronchial valve insertion</b>	36 (84%)	6 (14%)	1 (2%)	0	0	0
<b>Bronchial Thermoplasty</b>	43(100%)	0	0	0	0	0
<b>Bronchial balloon dilation</b>	33 (77%)	10 (23%)	0	0	0	0
<b>Rigid bronchoscopy</b>	37 (86%)	4 (9%)	2 (5%)	0	0	0
<b>Endoscopic repair of TEF</b>	39 (91%)	3 (7%)	1 (2%)	0	0	0

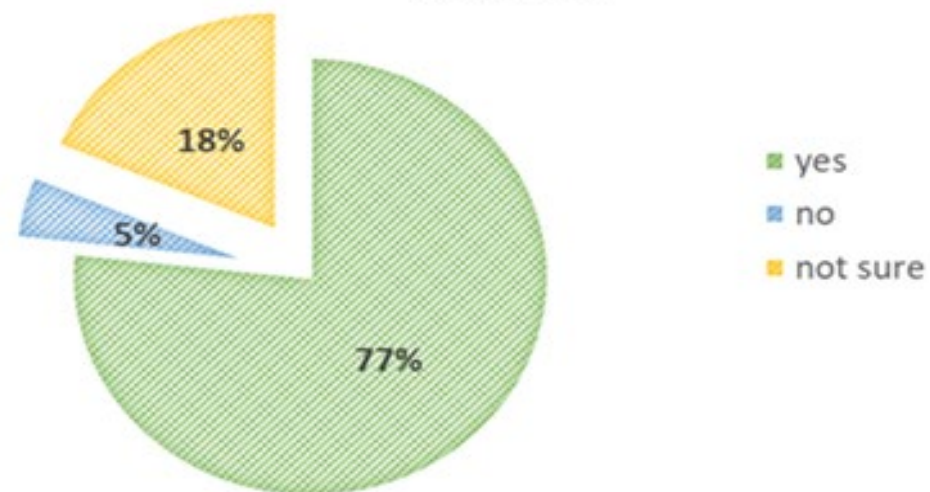
## For complex pediatric interventional procedures, which of the following specialties do you collaborate with?



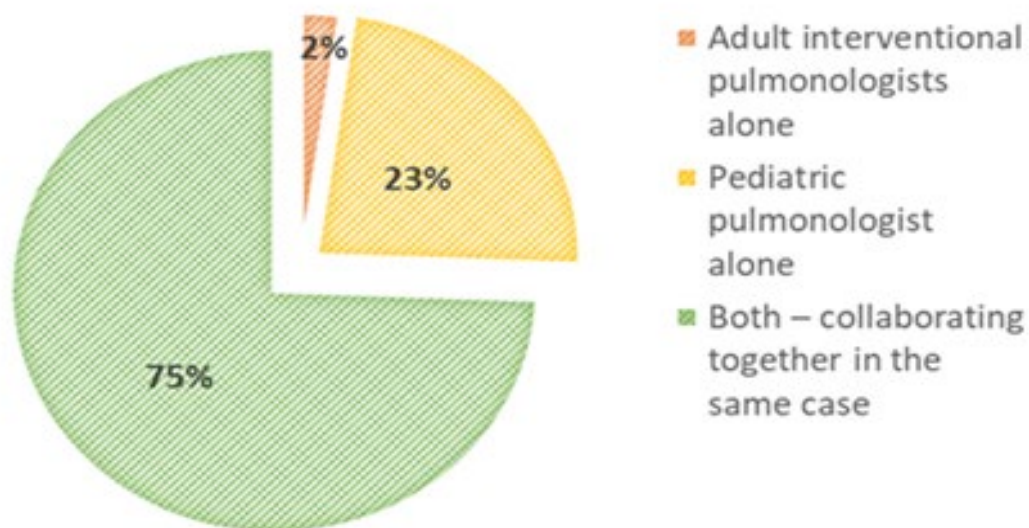
### IS ADVANCED/INTERVENTIONAL TRAINING FEASIBLE?



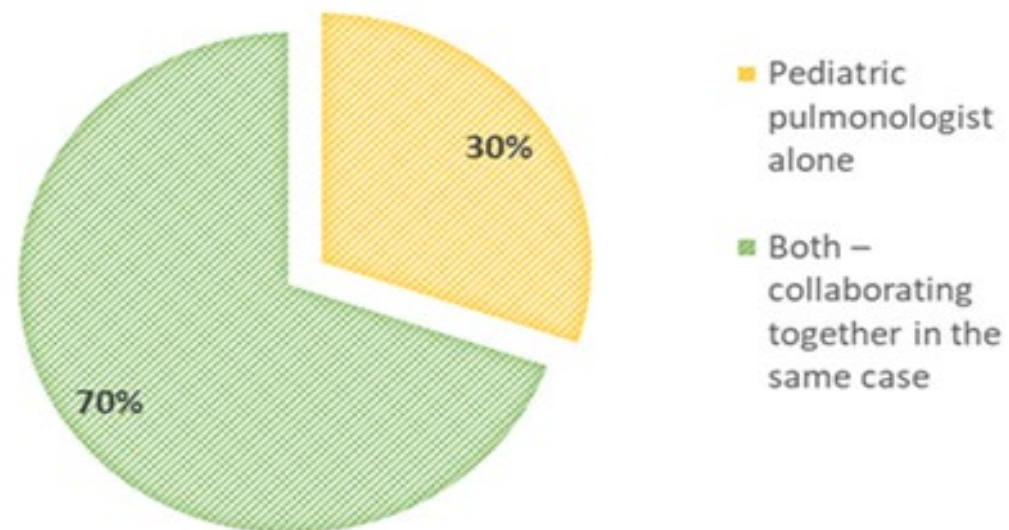
### SHOULD PEDIATRIC PULMONARY FELLOWS BE OFFERED ADVANCED/INTERVENTIONAL TRAINING?



### WHO SHOULD BE PERFORMING INTERVENTIONAL BRONCHOSCOPY IN CHILDREN?



### WHO SHOULD BE PERFORMING ADVANCED BRONCHOSCOPY IN CHILDREN?







# AABIP Pediatrics Chapter

- Let's be proud of what we have accomplished so far...
- And consider what we can accomplish together with the organizational structure and support of the AABIP...

# AABIP Pediatrics Chapter



- What are our shared goals?
  - Education
  - Advocacy
  - Certification
  - Research



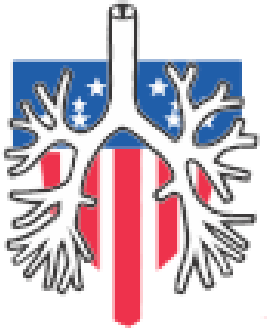
# AABIP Pediatrics Chapter

- Education
  - Stakeholders
    - Pediatric Interventional Pulmonologists
    - Ped Pulm physicians in general
    - Adult IP physicians
    - Trainees in pediatric and adult pulmonary medicine / IP programs
    - Allied health professionals who support Peds IP (RTs, RNs, APP's)
    - Referring specialists
      - Peds critical care, oncology, surgery, interventional radiology, infectious diseases...etc.



# AABIP Pediatrics Chapter

- Education
  - Content Needed (an organized curriculum)
    - Online Education
      - Webinars, podcasts, case presentations for discussion, content modules
    - In-Person Education
      - AABIP National Conference
        - Symposia (research, expert panel discussions, program development, financial matters)
        - Hands-On Training Sessions
        - Poster Sessions (case reports, research abstracts)
  - CME/MOC Opportunities (AMA, AOA, ABP)



# American Association for Bronchology and Interventional Pulmonology

**AUGUST 22-24, 2024 , CHARLOTTE, NC, USA**



## Pediatric IP



Date	Time	Room	Session Title
August 23, 2024	7:45-8:45	INTERACTIVE 1	Peds IP: Growing Lungs, Growing Needs: The Evolving Landscape of Pediatric Interventional Pulmonology
August 23, 2024	10:00-11:00	BREAKOUT 1	Pediatric IP: Year in Review
August 23, 2024	1:00-3:00	SIMS ROOM	Simulation Session 5: Interventional Pulmonology for the Pediatric Patient -Advanced and Therapeutic Bronchoscopy Skills
August 23, 2024	4:15-5:15	SIMS ROOM	Pediatric IP Networking Hour





# AABIP Pediatrics Chapter

- Advocacy
  - Spreading the word
    - Many in our field are unaware of the extent to which this field has been growing and how these procedures can impact the care of our patients
  - Partnering with Industry
    - To ensure advances in technology for adult patients can be safely and effectively adapted for use in children too
  - Partnering with CMS and 3<sup>rd</sup> party payors
    - To ensure appropriate reimbursement for these valuable services
  - Partnering with the FDA
    - To consider realistic opportunities for pediatric indications of new and existing bronchoscopy devices



# AABIP Pediatrics Chapter

- Research
  - Summarize/update and share available literature on iterative basis
  - Develop Practice Guidelines/Statements (perhaps in collaboration with ATS/ERS, etc.)
  - Identify priorities and strategies for multi-center collaborative studies
  - National registry

# AABIP Pediatrics Chapter



- Certification
  - Long-Range Goal
  - Procedure-specific training / certification
  - Certification of centers of excellence
  - Sponsorship (mentorship) by adult IP programs
  - Pediatric IP Fellowships



# AABIP Pediatrics Chapter

- Where do we start?
  - Membership
    - Join the AABIP and work together to achieve these goals
  - Working Groups (we need your expertise, time and support)
    - Education
    - Advocacy
    - Research
    - Certification
  - AABIP National Conference
    - Attend, learn, teach, collaborate

# AABIP Pediatrics Chapter



- Benefits of AABIP Membership

A word from the AABIP membership committee chair



Joseph Cienia MD  
Cleveland Clinic



# AABIP Pediatrics Chapter



- Benefits of AABIP Membership

A word from the AABIP President



Septimiu Murgu, MD  
AABIP President, Aug 2022-2024



# AABIP Pediatrics Chapter

- Benefits of AABIP Membership

A word from the AABIP Education  
Committee Pediatrics Representative



Alfin “Didi” Vicencio  
Mt. Sinai Kravis Children’s Hospital



# AABIP Pediatrics Chapter

## Thank You!



Joseph Cicensia MD  
Cleveland Clinic



Septimiu Murgu, MD  
AABIP President, Aug 2022-2024



Alfin "Didi" Vicencio  
AABIP Education Committee



Jasleen Kaur Pannu, MBBS  
Scientific Program Committee,  
Chair



Laura Frye, MD  
Scientific Program Committee,  
Co-Chair

# And Brittany!!!

# AABIP Pediatrics Chapter



## Questions & Open Forum for Discussion