

AGENDA
CONNECTICUT MEDICAL EXAMINING BOARD
Tuesday, May 17, 2022 at 1:30 PM

Department of Public Health
410 Capitol Avenue, Hartford Connecticut

CALL TO ORDER

I. APPROVAL OF MINUTES

March 15, 2022

II. OPEN FORUM

III. UPDATES

- A. Chair Updates
- B. Medical Examining Board/ Department of Public Health Work Group Update
- C. Federation of State Medical Boards (FSMB) annual meeting
Harold Sauer. MD
- D. DPH Updates

IV. NEW BUSINESS

- A. Review of License Reinstatement Application (Diana Mosteanu, MD)
Presented by Celeste Dowdell, License and Applications Analyst
- B. Review of Application to Practice within a Medical School(Oliver L Karam, MD)
Presented by Celeste Dowdell, License and Applications Analyst

V. OFFICE OF LEGAL COMPLAINT

- A. Usman Ramzan, MD – Partition No. 2022-318
Presentation of Motion for Summary Suspension – Aden Baume, Staff Attorney, DPH
- B. Marc D. Legris, M.D. - Petition No. 2021-868
Presentation of Consent Order – Linda Fazzina, Staff Attorney, DPH
- C. Michael Krall, M.D. Petition No. 2021-158
Presentation of Consent Order – Joelle Newton, Staff Attorney, DPH

ADJOURN

Connecticut Medical Examining Board via Microsoft Teams

Join on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only)

[+1 860-840-2075](#) - Phone Conference ID: 442 497 919#

The following minutes are draft minutes which are subject to revision, and which have not yet been adopted by the Board.

**CONNECTICUT MEDICAL EXAMINING BOARD
MINUTES of March 15, 2022**

The Connecticut Medical Examining Board held a meeting on Tuesday, March 15, 2022 via Microsoft TEAMS

BOARD MEMBERS PRESENT: Kathryn Emmett, Esq., Chairperson
Raymond Andrews, Jr., Esq.
Robert Green, MD
Michele Jacklin
Joseph Kaliko, Esq.
William C. Kohlhepp, DHSc, PA-C
Shawn London, MD
Edward McAnaney, Esq.
Jean Rexford
Daniel Rissi, MD
Harold Sauer, MD
David Schwindt, MD
Andrew Yuan, DO
C. Steven Wolf, MD
Peter Zeman, MD

BOARD MEMBERS ABSENT: Allyson Duffy, MD
Marie C. Eugene, DO
Marilyn Katz, MD

Ms. Emmett called the meeting to order at 1:30 p.m.

I. MINUTES

The draft minutes of the February 15, 2022 meetings were reviewed and approved on a motion by Dr. Green, seconded by Mr. McAnaney.

II. OPEN FORUM

None

III. UPDATES

A. Chair Updates

Chair Emmett gave an update of Medical Board/DPH workgroup discussions. A synopsis of the work group discussions will be discussed at the next meeting

Department of Public Health

Christian Andresen, Section Chief, Department of Public Health, Practitioner Licensing and Investigations reported that the Department submitted testimony in favor of Bill #5046 which including a statement that the Medical Board was also in support of the legislation that Connecticut joins the physician licensure compact.

IV. NEW BUSINESS

A. Materials to be provided to the Board concerning proposed Consent Orders

Deputy Assistant Attorney General Daniel Shapiro addressed the Board regarding the Consent Order review process and the distribution of documents to the Board. Attorney Shapiro indicated that going forward a pre-hearing review agreement will accompany Consent Orders during which documents will be reviewed.

B. Review of License Application (Post Graduate Training Review)

Celeste Dowdell, License and Applications Analyst, Department of Public Health presented a licensure application for Mariana Flores, MD for a determination that her post-graduate training is equivalent to training in a program accredited by the American Council on Graduate Medical Education.

Dr. Zeman made a motion, seconded by Dr. London, recommending that Dr. Flores' application for licensure be approved. The motion passed unanimously.

V. **OLD BUSINESS**

Physician Sexual Misconduct

Ms. Rexford and Dr. Sauer continued their presentation of the overview of the Report and Recommendations of the FSMB Workgroup on Physician Sexual Misconduct which began during the February 15, 2022.

VI. **PROPOSED Memorandum of Decision**

John Lynch, II, MD - Petition No. 2021-726

Deputy Associate Attorney General Daniel Shapiro was present to provide counsel to the Board. Respondent was not present and was not represented

Mr. Kohlhepp made a motion seconded by Mr. McAnaney to approve the Memorandum of Decision as written.

The motion to approve the decision as written passed in with all in favor except Dr. London who abstained and Dr. Zeman who was recused.

The decision imposes a revocation of Dr. Lynch's license.

VII. **ADJOURNMENT**

As there was no further business, the meeting was adjourned at 2:40 p.m. on a motion by Dr. Wolf.

Respectfully submitted,
Kathryn Emmett, Esq., Chairperson

WORK GROUP SUMMARY OF IDEAS

March 2, 2022

1. **Provide Board with more information concerning facts underlying charges/consent orders, including having a Board member participate in DPH discussion of consent order.**
2. **Review and improve guidelines for penalties – in particular, review and delineate range of monetary penalties.**
3. **Educational presentations to CMEB at each monthly meeting** (whether to include as a standing item on the agenda?) – Board members to volunteer to do 5-10 minutes on topics of interest and/or outside speakers on relevant topics – volunteer needed to plan and organize.
4. **Add information/requirements to the license renewal process for MDs, DOs and PAs** – Suggestions include a) information about concerns in regard to and protocols for examining sensitive areas (whether to suggest use of chaperones?), b) highlighting specific limitations on delegation of duties – e.g., practitioner must sign for their own controlled medications, non-licensed personnel cannot administer medications, non-licensed staff cannot operate radiological or other equipment used to diagnose or treat patients, etc., c) adding same guidance to APRNs' renewal process.
5. **Put information concerning types of conduct that result in disciplinary actions on the website** or locate more centrally in easier to find place: a) boundary violations/sexual assault/inappropriate touching/etc.; b) impermissible delegation of duties to non-licensed personnel or others; c) prescribing violations (requirement to check CPMRS); d) other types of conduct that result in discipline (?).
6. **Explore idea of CMEB putting out a periodic newsletter** (quarterly?) – including whether grant opportunities exist or whether pilot program through legislature to undertake the project might be possible. Included in the idea is the sub-idea of including listing of recent disciplinary actions taken by the Board in the newsletter.
7. **Establish a mentoring program for new CMEB members.**
8. **Explore mass email as a means of communicating information**, including data (what DPH already publishes? other?) – Massachusetts example (?).
9. **Look at statutory requirements for CMEs for MDs/DOs and PAs** and consider seeking legislative change to allow more flexibility and/or to require more pertinent topic areas (e.g., some % focused on ethics as is the case in attorney CLE requirements).
10. **Explore partnerships** with insurance companies and/or professional societies (state and county medical societies and state PA organization) **to provide (risk avoidance) education.** Explore other partnerships for providing education concerning disciplinary issues to practitioners via CT hospital association, large medical groups such as Northeast Medical Group, Nuvance, etc.
11. **Identify best methods of reaching MDs/DOs and PAs who are not in groups** such as those listed in # 10.
12. **Include PAs** (and nurses as appropriate and/or possible) in relevant educational initiatives.
13. **As to all the above and other ideas not listed, what authority does CMEB have – or not have?**

Additional topics: orientation of board, diversity of the board, partnerships and/or communication with organizations such as Haven, others (e.g., consumer protection and/drug enforcement)

TO: Connecticut Medical Examining Board

FROM: Celeste Dowdell
Licensing Applications Analyst
Practitioner Licensing and Investigations Section

RE: Diana Mosteanu, MD

Dr. Mosteanu is an applicant for Connecticut physician licensure reinstatement. Dr. Mosteanu meets all requirements for reinstatement except she has been out of active clinical practice 2016.

Applicants who have been out of active clinical practice longer than six (6) months are reviewed by the Connecticut Medical Examining Board. The CMEB could require applicants who have been out of active clinical practice for longer than two years to complete the Federation of State Medical Board's Special Purpose Examination (SPEX).

Please accept this as a summary of the documentation submitted in support of Dr. Mosteanu's application.

Medical Education: Universitatea de Medicina si Farmacie; Bucharest, Romania- 2005

National Board of Medical Examiners Examination: Step 1-3 completed and passed

Post Graduate Training Completed: 7/1/2008-6/30/2011: Danbury Hospital, CT- Internal Medicine Resident

7/1/2014-6/30/2016: University of Virginia, VA- Rheumatology Fellowship

American Board of Internal Medicine- 8/15/2011

Dr. Mosteanu previously held a license in VA. There is no history of discipline against this license.

Activities since License expired: Dr. Mosteanu has provided a statement.

CT License issued: 3/3/2011

CT License expired: 8/31/2014

Diana Mosteanu, MD

10 Kiahs Brook Ln, Ridgefield, CT 06877

Cell Phone: (203)-297-7090

mosteanu.diana@gmail.com

EDUCATION AND TRAINING:

- 7/2014 – 6/2016 **Rheumatology Fellowship**
University of Virginia, VA
- 07/2008 – 06/2011 **Internal Medicine Internship and Residency**
Danbury Hospital, Yale University School of Medicine, CT
- 11/2005 – 06/2008 **Internal Medicine Residency**
Bucharest University Hospital, Bucharest, Romania
- 09/1999 - 09/2005 **Medical School**
University of Medicine and Pharmacy Carol Davila, Bucharest, Romania

WORK HISTORY:

- 07/2011- 03/2013 **Hospital Medicine Doctor, Danbury Hospital, CT**

RESEARCH AND PAPERS:

- Mosteanu D, Wang X, Kimpel D, Lewis J. Cardiovascular Risk and Lipid Screening in Rheumatoid Arthritis Patients in a University Rheumatology Practice: Quality Improvement Project [abstract]. Poster presentation ACR meeting, Washington DC, 2016 and published in Arthritis Rheumatol. 2016; 68 (suppl 10)
- Mosteanu D, Carlson A – Cerebral amyloid angiopathy diagnosed in a patient with acute altered mental status: Oral presentation, Virginia Society of Rheumatology, Richmond, VA, 2015
- UVA investigator for TRACTION study - Treat-to-Target treatment strategy in U.S. rheumatology practices for the treatment of Rheumatoid Arthritis; 9/2014-1/2019

- Bhalla A, Mosteanu D, Gorelick S, Hani-el-Fanek. Russell body gastritis in an HIV positive patient: case report and review of literature. Connecticut Medicine. 2012 May; 76(5): 261-265. Cited in PubMed; PMID: 22685980
- Mosteanu D, Vischio A, Botta T, Sieber S - Pulmonary nocardiosis in patient on chronic steroid therapy, Oral presentation, CPC, Danbury Hospital, and poster presentation Belsky Research Day, CT 2011
- Vischio A, Mosteanu D, Botta T, Sieber S - Identification of *Nocardia veterana/elegans* by Restriction Endonuclease Analysis of an Amplified Portion of 16S rRNA Gene: A Case Report, American Journal of Clinical Pathology, Volume 138, Issue suppl_1, 1 July 2012
- Ghetie D, Mosteanu D, Raut R, Rudinskaya A, Shih W - Necrotizing vasculitis of the temporal and renal arteries: 2 case reports, 2nd prize poster presentation Belsky Research Day, CT 2011
- Mosteanu D, Siqueiros A, Stratidis J - Invasive *Saccharomyces Cerevisiae* infection in the setting of *Clostridium Difficile* colitis, poster, final round ACP meeting 2011
- Alvarez A, Mosteanu D, Cohenuram M, Kloss R - AML and MDS developed after treatment for nonHodgkin Lymphoma and GIST, poster presentation Belsky Research Day 2009
- Mosteanu D, Nee P – MSSA septic shock secondary to acute mitral valve endocarditis, Oral presentation, CPC, Danbury Hospital

PRESENTATIONS:

- Behcet's disease – UVA Department of Rheumatology Grand Rounds
- CNS vasculitis – UVA Department of Rheumatology Grand Rounds
- Connective tissue disease classifications and guidelines – UVA Department of Rheumatology Grand Rounds
- Immunosuppression in pregnancy – UVA Department of Rheumatology Grand Rounds

LICENSES AND CERTIFICATIONS:

2016 Rheumatology Board Certification

2011 American Board of Internal Medicine Certification

AWARDS AND ACCOMPLISHMENTS:

- Scholarship recipient of the Annenberg Foundation annual meeting 2014
- Medical school final graduation exam score of 9.94 out of 10

- Governmental scholarships in recognition of academic achievements 2002-2003 and 2004-2005

LANGUAGES:

- English, French, Romanian

Diana Mosteanu, M.D.

To Whom It May Concern:

My name is Diana Mosteanu, MD. I graduated from the Rheumatology Fellowship at University of Virginia Medical Center, Charlottesville VA in June 2016.

Immediately after graduating I moved to Connecticut for my husband's job and to be close to the extended family. I started looking for a job and was happy to discover that there was a great need for rheumatologists in the area. I passed the Rheumatology boards at the first attempt without taking review courses. I presented the research that I completed during my fellowship in November of 2016 at the American College of Rheumatology Annual Meeting in Washington DC.

Things seemed to be going well at first, but unfortunately the situation changed. My 4 year old developed significant emotional difficulties adjusting to school life. She required significant involvement from us. My husband was in the early months of a new primary care physician job and two of his partners left the office and he had a huge workload both at work and at home after the actual work hours and as such was unable to participate much at home. I asked to get a part time position at my job offers, but in my area of residence only full-time positions with hospital consult coverage were available. As a family we agreed that I would take the time to stay home with my daughter and plan to return to work as soon as the situation improves. Things then got even more complicated when my father developed Guillain Barre Syndrome and became paralyzed and intubated over a couple of days and remained in the hospital for a total of 11 months, during which I was constantly visiting him and was involved in his care, as well as the care of my mother and her chronic diseases (which my father was doing prior to that). They subsequently moved in with us, as they both required a lot of care when the pandemic started.

During the entire time I had continued to read newsletters and articles, keeping myself up to date with what was new in Internal Medicine and Rheumatology in particular. I had always been looking forward to returning to clinical medicine and use the education I have received. Thankfully the situation at home has now much improved, my parents have returned to Europe and my daughter has grown up and is doing amazing in school, both academically and socially and I am so happy to be able once again to return to work as a rheumatologist. There is still great demand for rheumatologists in my area and I am now completely confident in my ability to use my knowledge, training and experience at full potential.

Thank you,
Diana Mosteanu, MD

UNIVERSITY
of VIRGINIA
HEALTH SYSTEM
The DEPARTMENT of MEDICINE
The DIVISION of CLINICAL RHEUMATOLOGY

February 1, 2022
Connecticut Department of Public Health

Re: Dr. Diana Mosteanu
1.049557- Physician/Surgeon
Rheumatology Fellow: July 1, 2014 – June 30, 2016
Verification of Fellowship and Clinical Experience

To Whom It May Concern:

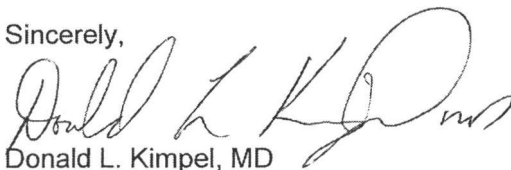
It is my pleasure to write this letter for Dr. Diana Mosteanu to confirm her training as a fellow in Rheumatology, and her most recent clinical care activity. As the Rheumatology Fellowship Program Director I have worked with Dr. Mosteanu in clinic, on hospital consults, and in teaching conferences. She successfully completed her fellowship on June 30, 2016.

Dr. Mosteanu's performance during fellowship was excellent. Her knowledge base in rheumatology and clinical skills achieved the level of independence expected of a graduate from Rheumatology Fellowship. She was reliable and showed good clinical judgment and medical knowledge. She is compassionate and ethical. In our program the fellows have primary responsibility for their own set of patients, including fielding all patient phone calls, so she has experience with personalized longitudinal care.

In relation to the formalities of medical licensing and hospital privileges, there were no incidents which would reflect poorly on her ability to practice or to work well with fellow professionals. She has no moral, ethical, or chemical dependence problems affecting her life or work.

I have no reservation in recommending Dr. Diana Mosteanu to practice medicine in your state. If you have any questions please feel free to call the main office number or my cell phone (434-960-6663).

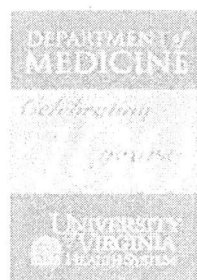
Sincerely,



Donald L. Kimpel, MD

Associate Professor of Internal Medicine
Division of Rheumatology & Immunology
Program Director, Rheumatology Fellowship
Virginia Society of Rheumatology, BOD, Treasurer

Rheumatology Clinic
415 Ray C. Hunt Dr., Suite 2100
PO Box 801002, Charlottesville, VA 22908-1002
Telephone: 434.243.0223
Fax: 434.243.0239



Rheumatology Admin Office
450 RayC Hunt Dr.
PO Box 801399, Charlottesville, VA 22908
Telephone: 434.924.5214
Fax: 434.243.9143

Activity Tracker

Diana Mosteanu

CT, 06877

25.00

CME CREDITS EARNED

CME Credits

January 2021 through January 2022

0.75 Credits	Advances in the Management of Pericarditis	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 24, 2022
0.50 Credits	Hepatitis Delta: Evolving Understanding of Epidemiology, Disease Burden, and the Importance of Diagnosis	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 24, 2022
0.50 Credits	COVID-19 and the Impact on Patients With Psoriatic Disease	Core Competence: Medical Knowledge	Provider: National Psoriasis Foundation	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 24, 2022
0.25 Credits	"Doctor, Can't You Just Phone a Prescription In?" and Other Ethical Challenges of Telemedicine Encounters	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 24, 2022
0.75 Credits	Expert Perspectives in Best Practices in Osteoarthritis Care	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 24, 2022
0.25 Credits	Does OSA Increase Your Risk for Cardiac Disease?	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 24, 2022
0.25 Credits	Does Bariatric Surgery Affect Fatty Liver Disease?				Completed:

	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	January 24, 2022
0.25 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 24, 2022
0.25 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 24, 2022
0.50 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 24, 2022
0.75 Credits	Core Competence: Medical Knowledge	Provider: Postgraduate Institute for Medicine	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 24, 2022
0.50 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 21, 2022
0.25 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 21, 2022
0.50 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 21, 2022
0.50 Credits				Completed: January 21, 2022

	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	
1.00 Credits	Translating New Psoriasis Guidelines into Practice			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 20, 2022
0.25 Credits	How Did Covid-19 Affect Healthcare-Associated Infections?			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 20, 2022
0.50 Credits	Management of Gout in Kidney Transplant Patients: Expert Insights			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 20, 2022
0.50 Credits	Ankylosing Spondylitis Assessment and Treatment: A Micro-Learning Activity			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 19, 2022
0.50 Credits	Evolving Understanding of the Management of Rheumatology Patients in the Era of COVID-19			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 19, 2022
0.25 Credits	Facilitating Shared Decision-Making in Patients With SLE			
	Core Competence: Medical Knowledge, Patient Care and Procedural Skills	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 19, 2022
0.25 Credits	A Review of Masks Against COVID-19 for Better Protection			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 19, 2022
0.25 Credits	Management of ANCA-Associated Vasculitis: What Are Your Practices and Challenges?			
				Completed: January 19, 2022

	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	
0.25 Credits	Could Metformin Reduce COVID-19 Mortality Risk In People With Diabetes?			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 19, 2022
0.50 Credits	Weathering the Storm: Immunomodulators in the Management of COVID-19			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 18, 2022
0.25 Credits	Does Continuity of Care Affect IBD Outcomes?			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 18, 2022
0.50 Credits	Warm Autoimmune Hemolytic Anemia: The Foundations of Diagnosis and Management			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 18, 2022
0.50 Credits	Biologic Treatment Comparisons in Psoriatic Arthritis: Implications for Clinical Practice			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 18, 2022
1.25 Credits	Case Challenges in Rheumatoid Arthritis: Practice Your Skills			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 14, 2022
0.50 Credits	Talk to Someone: Helping Survivors With Healthy Lifestyles			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 14, 2022
0.25 Credits	Walking and Other Common Physical Activities Among Adults With Arthritis — United States, 2019			
				Completed: January 14, 2022

	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s)™	
0.25 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s)™	Completed: January 14, 2022
0.25 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s)™	Completed: January 14, 2022
0.25 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s)™	Completed: January 13, 2022
0.50 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s)™	Completed: January 13, 2022
0.25 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s)™	Completed: January 13, 2022
0.25 Credits	Core Competence: Medical Knowledge, Interprofessional Education, Roles and Responsibilities	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s)™	Completed: January 13, 2022
0.25 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s)™	Completed: January 13, 2022
0.50 Credits				Completed: January 13, 2022

	Core Competence:	Provider:	Credit Type:	
	Medical Knowledge	Medscape	AMA PRA Category 1 Credit(s) [™]	
0.25 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 13, 2022
0.25 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 12, 2022
0.25 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 12, 2022
0.25 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 12, 2022
1.00 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 12, 2022
3.00 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 11, 2022
0.25 Credits	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 11, 2022
0.25 Credits				Completed: January 11, 2022

	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	
0.50 Credits	Screening for Colorectal Cancer: Recommended Best Practices			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: January 11, 2022
0.25 Credits	Managing Ankylosing Spondylitis in the TeleHealth World			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: Sept 03, 2021
0.25 Credits	COVID-19: Answering Your COVID-19 Vaccine Questions			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: April 07, 2021
0.25 Credits	What Are the Factors That Improve COVID Vaccine Antibody Response?			
	Core Competence: Medical Knowledge, Interprofessional Education, Roles and Responsibilities	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: April 07, 2021
0.50 Credits	Caring for Rheumatology Patients on DMARDs in the Era of COVID-19: Practice Essentials			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: March 30, 2021
0.50 Credits	New Treatment Options for High-Risk COVID-19 Patients With Mild to Moderate Disease			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: March 25, 2021
0.50 Credits	Optimizing Early Diagnosis of IBD in Patients With Rheumatologic and Dermatologic Inflammatory Diseases			
	Core Competence: Medical Knowledge	Provider: Medscape	Credit Type: AMA PRA Category 1 Credit(s) [™]	Completed: March 19, 2021

This serves as your transcript of CME activities completed on Medscape Education (www.medscape.org). If you meet the requirements for the AMA Physician's Recognition Award (PRA) and wish to apply, Simply print out your tracker, attach it to the AMA PRA Application (available on the AMA website),

and mail both to the AMA.

For information on the eligibility of this continuing education credit toward meeting your CME/CE requirements, please consult your professional association or state licensing board.

For questions regarding CME/CE activities, please email CME@medscape.net.

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TO: Connecticut Medical Examining Board

FROM: Celeste Dowdell
Licensing Applications Analyst
Practitioner Licensing and Investigations Section

RE: OLIVER L KARAM, MD

Pursuant to Connecticut General Statutes, when deemed by the Connecticut Medical Examining Board to be in the public's interest, based on such considerations as academic attainments, specialty board certification and years of experience a permit may be issued to foreign physician to work only within the confines of a recognized medical school. Dr. Karam is applying for such permit with the support and recommendation of Yale University School of Medicine

Please accept this as a summary of the documentation submitted in support of Dr. Karam's application.

Medical Education: University of Geneva School of Medicine, Switzerland- 2002

Post Graduate Training Completed:

2002-2007: Geneva University Hospital, Switzerland- Pediatric Resident

2007-2010: University of Montreal, Canada- Pediatric Critical Care Fellow

2010-2017: Geneva University Hospital, Switzerland- Pediatric Critical Care Senior Fellow

2017- Present: Children's Hospital of Richmond, VA- Attending, Pediatric Critical Care

Licensure: He holds a current in Virginia with no disciplinary action against it.

Letter from a Senior Physicians:

Clifford W. Bouge, MD Waldemar Von Zedtwitz Professor of Pediatrics, Chair of Pediatrics and Chief Medical Officer Yale School of Medicine, Yale New Haven Children's Hospital as well as

Matthew J. Bizzarro, MD Professor of Pediatrics Vice Chair Clinical Affairs, Dept. of Pediatrics Yale University School of Medicine have both have submitted letters in support of Dr. Karam's application for a medical school permit. They are attesting to the equivalency of his training in Switzerland to that in the United States.

Considering the available information, does the Board recommend that Dr. Karam be issued a permit to practice medicine solely within the confines of Yale University School of Medicine?

CURRICULUM VITAE

Date of Revision: March 10, 2022

Name: Oliver Karam, M.D., Ph.D.

Proposed for Appointment to: Professor of Pediatrics, Department of Pediatrics, Section of Critical Care Medicine, Clinician-Educator Track

Term: On a continuing basis, starting July 1, 2022

School: Yale School of Medicine

Education:

M.D. University of Geneva School of Medicine, Geneva, Switzerland, 2002
M.S. University of Montreal, Montreal, Canada (Clinical Research), 2011
Ph.D. University of Lille, Lille, France (Critical Care Medicine), 2017

Career/Academic Appointments:

10/2002-07/2007 Resident, Pediatrics, Geneva Children's Hospital, Geneva, Switzerland
08/2007-06/2010 Fellow, Pediatric Critical Care Medicine, Sainte-Justine Hospital, Montreal, QC
07/2010-06/2011 Fellow, Pediatric Critical Care Medicine, Geneva Children's Hospital, Geneva, Switzerland
07/2011-02/2017 Assistant Professor, Pediatric Critical Care Medicine, Geneva Children's Hospital, Geneva, Switzerland
03/2017 *One-month gap to immigrate to the USA*
04/2017-06/2020 Associate Professor, Pediatric Critical Care Medicine, Children's Hospital of Richmond, Richmond, VA
07/2020-06/2022 Professor (non-tenured), Pediatric Critical Care Medicine, Children's Hospital of Richmond, Richmond, VA
07/2022-present Proposed appointment for Professor of Pediatrics, Department of Pediatrics, Section of Critical Care Medicine, Clinician-Educator Track

Administrative Positions:

01/2012-02/2017 Fellowship Program Director, Division of Pediatric and Neonatal Critical Care Medicine, Children's Hospital of Geneva, Switzerland
07/2019-06/2022 Division Chief, Pediatric Critical Care Medicine, Children's Hospital of Richmond, Richmond, VA
09/2019-06/2022 Chair, Section of Emergency and Critical Care Research, Children's Hospital Research Institute, Richmond, VA

Board Certification:

Swiss Board of Pediatrics, 12/2007
Swiss Board of Critical Care (Adult and Pediatric), 07/2011
American Board of Pediatrics, eligible 03/2022 (ABP alternative pathway)

Professional Honors & Recognition:

International/National/Regional

2020: Society of Critical Care Medicine (SCCM), Presidential Citation
2019: American Academy of Pediatrics (AAP), Best Research Abstract Award

Total costs for project period: \$10,000
Project period: 07/01/2019 – 06/30/2021

Agency: VCU Children's Foundation
I.D.# Children's Hospital Research Grant
Title: "Association between Sound and Light and Delirium in the PICU"
P.I.: Oliver Karam, M.D., Ph.D.
Percent effort: 0%
Total costs for project period: \$8,750
Project period: 07/01/2018 – 06/30/2019

Agency: Mallinckrodt Young Investigator Research Fund
I.D.# Echo-IP-NIRS
Title: "Hemodynamic profile of very low birth weight infants"
P.I.: Marie Janaillac, M.D.
Role: Co-P.I.
Percent effort: 0%
Total costs for project period: \$46,000
Project period: 07/01/2015 – 06/30/2017

Agency: Abbott
I.D.# MS-PCR-NICU
Title: "Rapid exclusion of infection in neonatal sepsis by a novel technology: PCR coupled with Electrospray Ionization Mass Spectrometry"
P.I.: Oliver Karam, M.D., Ph.D.
Percent effort: 5%
Total costs for project period: \$31,000
Project period: 07/01/2014 – 06/30/2016

Agency: GFRUP
I.D.# Plasma-PICU
Title: "Indications and Effects of Plasma Transfusions in Critically Ill Children"
P.I.: Oliver Karam, M.D., Ph.D.
Percent effort: 1%
Total costs for project period: \$10,000
Project period: 07/01/2014 – 06/30/2015

Agency: University of Geneva
I.D.# AT3-LiverTransplant
Title: "Effects of Plasma Transfusions on Antithrombin in Children after Liver Transplantation"
P.I.: Oliver Karam, M.D., Ph.D.
Percent effort: 2%
Total costs for project period: \$10,000
Project period: 07/01/2014 – 06/30/2016

Agency: Swiss Society of Intensive Medicine and Nova Nordisk
I.D.# Ketosis LCOS
Title: "Evaluation the association between ketosis after cardiopulmonary bypass in children and low cardiac output"
P.I.: Philippe Klee, M.D., Ph.D.
Role: Co-P.I.

- 08/2021: Critical Care Grand Rounds, Intensive Care Consortium, Orlando, FL: "Transfusion Strategies in Critically Ill Patients"; Keynote Speaker
- 04/2021: Pediatric Grand Rounds, University of Iowa Carver College of Medicine, Iowa City, IA: "Defining Bleeding"; Grand Rounds Presenter
- 12/2020: World Federation of Pediatric Intensive and Critical Care Societies (WFPICCS), online: "Indications to plasma and platelet transfusions"; Invited Speaker
- 10/2020: American Association of Blood Bankers annual meeting, online: "Pediatric RCTs and Collaborative Networks"; Invited Speaker
- 09/2020: BloodNet meeting, online: "Platelet Transfusion Thresholds on ECMO"; Invited Speaker
- 07/2020: Grand Rounds, Zydus Hospitals, Ahmedabad, Gujarat, India: "Red Blood Cell and Plasma Transfusions in Critically Ill Children"; Grand Rounds Presenter
- 03/2020: BloodNet meeting, New Orleans, LA: "Prophylactic Hemostatic Transfusions on ECMO"; Invited Speaker
- 02/2020: Annual meeting of the Societe de Reanimation de Langue Francaise (SRLF), Paris, France: "Coagulopathy in non-traumatic patients"; Invited Speaker
- 02/2020: Current Concepts in Pediatric Critical Care, SCCM Pediatric Course, Orlando, FL: "Massive Bleeding"; Invited Speaker
- 09/2019: PediECMO Meeting, Austin, TX: "International Survey on ECPR"; Invited Speaker
- 09/2019: Society for the Advancement of Blood Management, Baltimore, MD: "Anemia Tolerance in Critically Ill Children"; Invited Speaker
- 02/2019: Current Concepts in Pediatric Critical Care, SCCM Pediatric Course, San Diego, CA: "Tiered Transfusion Strategies"; Invited Speaker
- 11/2018: Surviving Sepsis Expert Panel – Pediatric Recommendations, Hamilton, ON, Canada: "Transfusions in severe sepsis"; Panel Expert
- 09/2018: PediECMO Meeting, Phoenix, AZ: "Quantifiable Bleeding on ECMO"; Invited Speaker
- 09/2018: PALISI Meeting, Boston, MA: "The long road to define bleeding"; Invited Speaker
- 05/2018: Pediatric Academic Society (PAS) meeting, Toronto, ON, Canada:
- "Defining a problem when everyone believes they already know the answer"; Invited Speaker
 - "Large international point-prevalence studies on plasma"; Invited Speaker
- 02/2018: Pediatric Grand Rounds, Weill Cornell Medicine, New York City, NY: "Plasma Transfusions in Critically Ill Children"; Grand Rounds Presenter
- 02/2018: Pediatric Grand Rounds, Columbia University, New York City, NY: "Red Blood Cell Transfusions in Critically Ill Children"; Grand Rounds Presenter
- 10/2017: Pediatric Critical Care Grand Rounds, Johns Hopkins, Baltimore, MD: "Plasma Transfusions in Critically Ill Children"; Grand Rounds Presenter
- 10/2017: Association of American Blood Bankers (AABB) Meeting, San Diego, CA: "Plasma Transfusions in Critically Ill Children"; Invited Speaker
- 10/2016: European Society for Pediatric and Neonatal Intensive Care (ESPNIC), Geneva, Switzerland: "NIRS and microcirculation to assess tissue perfusion"; Invited Speaker
- 07/2016: Israeli Pediatric Critical Care Annual Meeting, Tel-Aviv, Israel:
- "Plasma transfusions in the PICU: Primum non nocere"; Invited Speaker
 - "RBC transfusions: when is low too low"; Invited Speaker
- 06/2016: Pediatric Grand Rounds, Bécélère Hospital teaching seminar, Paris, France: "Hemodynamic support in very low birth weight infants"; Grand Rounds Presenter
- 06/2016: 50th Annual Meeting of the Association for European Paediatric and Congenital Cardiology (AEPC), Rome, Italy: "Transfusion strategies after cardiac surgery"; Invited Speaker
- 09/2015: European Conference on Pediatric and Neonatal Cardiac Intensive Care (EPNCIC), Montreux, Switzerland: "Transfusion strategies after cardiac surgery"; Invited Speaker

Percent effort: 2%
Total costs for project period: \$56,000
Project period: 07/01/2012 – 06/30/2015

Agency: University of Geneva
I.D.# LFTs_PedsTrauma
Title: “Liver function tests in children with blunt abdominal traumas”
P.I.: Oliver Karam, M.D., Ph.D.
Percent effort: 3%
Total costs for project period: \$8,500
Project period: 07/01/2005 – 06/30/2007

Past Clinical Trials

Agency: Merck
I.D.# MK-7655A-021
Title: “Safety and efficacy of a new antibiotic for Gram negative ventilator associated pneumonia and complicated urinary tract infection”
P.I.: Oliver Karam, MD, PhD
Percent effort: 2%
Total costs for project period: \$27,660
Project period: 06/01/2019 – 04/30/2021

Agency: Novartis
I.D.# CRLX030A2208
Title: “Serelaxine to treat low cardiac output in critically ill children”
P.I.: Oliver Karam, MD, PhD
Percent effort: 5%
Total costs for project period: \$79,000
Project period: 07/01/2014 – 06/30/2016

Pending Grant

Agency: NIH/NHLBI
I.D.# R34 HL159119
Title: “ECmo hemoSTatic Transfusions in Children”
P.I.: Oliver Karam, M.D., Ph.D.
Percent effort: 15%
Direct costs per year: \$150,000
Total costs for project period: \$797,579
Project period: 07/01/2022 – 06/30/2025
Impact Score: 27 (pending Council Review in 05/2022)

Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated with Yale:

International/National

- 05/2022: Annual Meeting of the Association for European Paediatric and Congenital Cardiology (AEPC), Geneva, Switzerland: “Anticoagulation on ECMO”; Invited Speaker
- 10/2021: American Association of Blood Bankers (AABB) meeting, online: “Pediatric Transfusion Medicine Pearls Gleaned from REDS-III”; Invited Speaker
- 09/2021: Society for Advancement of Blood Management (SABM) meeting, online: “Use of Blood Products in Pediatric ECMO”; Invited Speaker
- 09/2021: BloodNet meeting, online: “Validation of the BASIC Scale”; Invited Speaker

- 2019: Society for the Advancement of Blood Management (SABM), Top Abstract
- 2015: Swiss Pediatric Surgery Meeting, Best Research Project
- 2015: European Society for Pediatric and Neonatal Intensive Care (ESPNIC), Young Investigators Award (second place)
- 2010: Canadian Clinical Research Society and Canadian Institutes for Health Research (CIHR), Excellence Award
- 2009: International Symposium on Intensive Care and Emergency Medicine, Best Poster

School of Medicine

- 2018: Faculty Teaching Award, Children's Hospital of Richmond, Richmond, VA
- 2013: Best Teacher Award, Children's Hospital of Geneva, Switzerland
- 2011: Dean's Honor List, University of Montreal, QC, Canada
- 2010: Claude-Roy Award for Excellence in Research, University of Montreal, QC, Canada

Grant/Clinical Trials History:

Current Clinical Trials

Agency: NIH/NHLBI
I.D.# R01 HD092471
Title: "Transfusion associated multiple organ failure in critically ill children (TRAP-MODS)"
P.I.: Anil Sapru, M.D.
Role: VCU Site Principal Investigator
Percent effort: 2%
Total costs for project period: \$5,000/patient
Project period: 08/01/2017 – 04/30/2022

Current Grant

Agency: University of Iowa Stead Family Children's Hospital
I.D.# Stead Family Children's Hospital
Title: "Platelet Mass Index and Risks of Bleeding or Thrombotic Events on ECMO"
P.I.: Madhu Chegondi, M.D.
Role: Mentor and co-PI
Percent effort: N/A
Total costs for project period: \$49,850
Project period: 07/01/2022 – 06/30/2023

Agency: NIH/NICHHD
I.D.# 1R13HD104432-01
Title: "Pediatric ECMO Anticoagulation Collaborative (PEACE) Consensus"
P.I.: Peta Alexander, M.D., and Jennifer Muszynski, M.D.
Role: Member of the Executive Committee and Group Co-Chair
Percent effort: N/A
Total costs for project period: \$74,000
Project period: 02/01/2021 – 01/31/2023

Past Grants

Agency: VCU Children's Foundation
I.D.# Children's Hospital Research Grant
Title: "Epidemiology of bleeding in critically ill children"
P.I.: Oliver Karam, M.D., Ph.D.
Percent effort: 0%

- 06/2015: European Society for Pediatric and Neonatal Intensive Care (ESPNIC), Vilnius, Lithuania: “Transfusions after cardiac surgery”; Invited Speaker
- 06/2014: Canadian Critical Care Trials Group (CCCTG), Montreal, Canada: “Preliminary results of an international point-prevalence study on plasma transfusions”; Invited Speaker
- 05/2014: Swiss symposium on acute renal failure, Bern, Switzerland: “Extracorporeal support for liver failure”; Invited Speaker
- 09/2013: European Conference on Pediatric and Neonatal Cardiac Intensive Care (EPNCIC), Lucerne, Switzerland: “Considerations on the use and abuse of blood products in pediatric cardiac surgery”; Invited Speaker
- 09/2013: Swiss Intensive Care Society Meeting, Geneva, Switzerland:
- “Transfusions in Pediatric Critical Care Units”; Invited Speaker
 - “Plasma Transfusion”; Invited Speaker
- 05/2013: Moroccan Congress of Pediatric Resuscitation, Marrakech, Morocco: “Sepsis Resuscitation”; Keynote Speaker
- 10/2012: European Society of Pediatric and Neonatal Intensive Care Annual Congress, Istanbul, Turkey: “Transfusions in Pediatric Critical Care Units”; Invited Speaker
- 10/2012: Parisian Pediatrics, Paris, France: “Red blood cell transfusions in critically ill children”; Invited Speaker
- 11/2011: European Society of Pediatric and Neonatal Intensive Care (ESPNIC) Annual Congress, Hanover, Germany: “Transfusions in Pediatric Critical Care Units”; Invited Speaker

Regional

- 03/2016: Latin Symposium on Coagulation (CoaLat), Villars-sur-Ollon, Switzerland : “Plasma Transfusions in Children”; Invited Speaker

Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated with Yale:

International/National

- 05/2022: Annual Meeting of the Association for European Paediatric and Congenital Cardiology (AEPC), Geneva, Switzerland: “Effect of Platelet Transfusions on Oxygenator Function”; Oral Presentation
- 04/2022: Pediatric Academic Societies (PAS) 2022 Meeting, Denver, CO: “The efficacy of antifibrinolytics in children undergoing cardiac surgery with cardiopulmonary bypass: a systematic review and meta-analysis.”; Poster Presentation
- 04/2022: Society of Critical Care Medicine (SCCM) Virtual Congress:
- “Prospective Validation of BASIC Definition of Bleeding in Diverse Cohort of Critically Ill Children”; Oral Presentation
 - “Factors Associated with Recurrent Thrombosis in Pediatric Patients Receiving ECMO Therapy”; Oral Presentation
 - “Stuck in the Dark: No Association between Light, Sound, and Delirium in the PICU”; Oral Presentation
 - “The Effects of Expectation Setting and Bundle Consent on Caregiver Stress in the Pediatric ICU”; Oral Presentation
- 01/2021: Society of Critical Care Medicine (SCCM) Virtual Congress:
- “Platelet Mass Index as Prognostic Marker in Pediatric Septic Shock”; Oral Presentation
 - “Bleeding in Critically Ill Children with Underlying Oncologic Diagnoses”; Oral Presentation
 - “Epidemiology of Bleeding in Critically Ill Children”; Oral Presentation

- 12/2020: World Federation of Pediatric Intensive and Critical Care Societies (WFPICCS) Virtual Congress:
- “Anti-Xa versus Time-Guided Anticoagulation Strategy in ECMO”; Poster Presentation
 - “Congress Factors Associated with Initiation of Extracorporeal Cardiopulmonary Resuscitation in the Pediatric Population”; Poster Presentation
 - “Epidemiology of hemostatic blood product and medications in children supported by ECMO”; Oral Presentation
- 10/2020: American Association of Blood Bankers (AABB) Virtual Annual Meeting: “Pediatric Transfusion Practice in the United States”; Poster Presentation
- 10/2019: American Association of Pediatrics (AAP) annual meeting, New Orleans, LA: “Are Brighter Days Ahead? Light and Sound in the Pediatric Intensive Care Unit”; Oral Presentation
- 10/2019: American Association of Blood Bankers (AABB) Annual Meeting, San Antonio, TX: “Nationwide Trends in Blood Transfusion Utilization in Children: A Comparative Analysis of Two Nationally Representative Databases”; Oral Presentation
- 05/2020: American Thoracic Society, Philadelphia, PA:
- “Association Between Lactates, Blood Glucose, and Oxygen Extraction in Critically Ill Children After Cardiopulmonary Bypass”; Poster Presentation
 - “Hemostatic Transfusions in Children Supported by Extracorporeal Membrane Oxygenation”; Poster Presentation
- 09/2019: Society for the Advancement of Blood Management (SABM), Baltimore, MD: “Effect of Platelet Storage Duration on Clinical Outcomes and Incremental Platelet Change in Critically Ill Children”; Oral Presentation
- 06/2019: International Society of Blood Transfusion (ISBT) Congress, Basel, Switzerland:
- “International Variation in Platelet Transfusions Practices among Critically Ill Children”; Oral Presentation
 - “5-year temporal trends in perioperative red cell transfusions in children: nationally representative data from a large prospective North American registry”; Oral Presentation
- 04/2019: Pediatric Academic Societies (PAS) 2019 Meeting, Baltimore, MD: “Quantifiable bleeding in children supported by ECMO and outcome”; Poster Presentation
- 02/2019: Society of Critical Care Medicine (SCCM), San Diego, CA:
- “Continuous Light and Sound Monitoring in the Pediatric Intensive Care Unit: A Pilot Study”; Poster Presentation
 - “Plasma and Platelet Transfusion Protocols for Pediatric Extracorporeal Life Support”; Poster Presentation
 - “Effect of Platelet Transfusions on Extracorporeal Life Support Oxygenator Function”; Poster Presentation
 - “Plasma and Platelet Transfusion for Pediatric Extracorporeal Life Support”; Poster Presentation
- 10/2018: American Association of Blood Bankers (AABB) Annual Meeting, Boston, MA: “Perioperative Red Cell Transfusions Are Associated with Post- Operative Venous Thromboembolism in Children and Neonates: Evidence from a Large North American Multicenter Prospective Registry”; Oral Presentation
- 05/2018: Pediatric Academic Societies (PAS) Meeting, Toronto, Canada: “Fluid bolus therapy in neonates: A multi-center, international cross-sectional study”; Oral Presentation
- 10/2017: European Conference on Pediatric and Neonatal Cardiac Intensive Care (EPNCIC), Marbella, Spain: “Prognostic Evaluation of Mortality after Pediatric Resuscitation Assisted by Extracorporeal life support”; Oral Presentation

- 05/2017: European Pediatric Resuscitation and Emergency Medicine Conference, Ghent, Belgium: “Too much of a good thing: a case report”; Oral Presentation
- 05/2017: International Pediatric Transplantation Association (IPTA) meeting, Barcelona, Spain: “Effects of plasma transfusions on antithrombin levels after pediatric liver transplantation”; Poster Presentation
- 09/2016: Swiss Society of Pediatric Surgery meeting, St Gallen, Switzerland: “Effects of plasma transfusions on antithrombin levels after pediatric liver transplant”; Oral Presentation
- 09/2016: Swiss Critical Care Meeting, Montreux, Switzerland: “Donation after cardiac death (DCD): a medical practice with ethical and psychological implications”; Poster Presentation
- 06/2016: World Congress of the World Federation of Pediatric Intensive and Critical Care Societies, Toronto, ON, Canada:
- “Ketosis after cardiopulmonary bypass in children associated with a low cardiac output”; Poster Presentation
 - “Anemia at discharge of pediatric intensive care unit”; Poster Presentation
 - “Performance of the Pediatric Logistic Organ Dysfunction 2 score in critically ill children requiring plasma transfusions”; Poster Presentation
- 05/2016: Pediatric Academic Societies Meeting (PAS), Baltimore, MD: “Preterm newborn monitoring with Near Infrared Spectroscopy (NIRS) and Perfusion Index (PI) in the first 72 hours of life”; Poster Presentation
- 10/2015: European Society of Intensive Care Medicine (ESICM), October 3 to 7, 2015, Berlin, Germany: “PCR coupled with Electrospray Ionization Mass Spectrometry for ruling out neonatal sepsis”; Poster Presentation
- 03/2015: International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium: “Rapid ruling out of neonatal sepsis by PCR coupled with Electrospray Ionization Mass Spectrometry”; Oral Presentation
- 01/2014: Annual International Meeting on Simulation in Healthcare, San Francisco, CA: “Validation of a Tool for the Assessment of Trainees during Simulated Pediatric Resuscitation”; Poster Presentation
- 09/2013: Swiss Society of Pediatric Surgery, Zurich, Switzerland: “Agreement between scores and outcomes in Necrotizing Enterocolitis”; Poster Presentation
- 01/2013: French Resuscitation Society, Paris, France: “Sondage international sur les seuils transfusionnels pour le plasma en réanimation pédiatrique”; Oral Presentation
- 01/2012: French Resuscitation Society, Paris, France: « Effets cliniques des transfusions de plasma aux soins intensifs pédiatriques. »; Oral Presentation
- 05/2011: International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium: “Transfusion thresholds in children with sepsis”; Poster Presentation
- 10/2010: 22nd National Pediatric Resident and Fellows Research Competition, Winnipeg, MB, Canada: “Transfusion thresholds in children with sepsis”; Oral Presentation
- 01/2010: Society of Critical Care Medicine’s congress, Miami, FL:
- “Association between red blood cell unit length of storage and Multiple Organ Dysfunction Syndrome in pediatric intensive care”; Poster Presentation
 - “Transfusion thresholds in children with sepsis”; Poster Presentation
- 05/2009: Canadian’s critical care trials group (CCCTG), Picton, ON: “Canada Effect of red blood cell unit length of storage on outcome in critically ill children”; Oral Presentation
- 03/2009: International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium:
- “Effect of red blood cell unit length of storage on outcome in critically ill children”; Poster Presentation
 - “Blunt Abdominal Trauma in Children: a Score to Predict Organ Injury”; Poster Presentation

- 11/2008: Critical Care Canada Forum, Toronto, Canada: "In Vitro Leucocyte Activation by Leukoreduced Red Cell Concentrates: Effect of Length of Storage"; Oral Presentation
- 06/2007: World Congress of the World Federation of Pediatric Intensive and Critical Care Societies, Geneva, Switzerland:
- "Clinical and Biological Features in Very Low Birth Weight Infants with Staphylococcus epidermidis Sepsis"; Poster Presentation
 - "Vein of Galen Aneurismal Malformation: high-flow congestive heart failure responsive only to Prostaglandine E1 infusion"; Poster Presentation
- 06/2007: Annual Congress of the French Pediatric Surgery Society, Rouen, France: "Kystes linguaux congénitaux - a propos d'un cas"; Poster Presentation
- 09/2005: Annual Congress of the French Pediatric Surgery Society, Reims, France: " Valeur diagnostique des tests hépatiques après traumatisme abdominal fermé chez l'enfant"; Poster Presentation
- 08/2003: Annual Congress of the Swiss Pediatric Surgery Society, Geneva, Switzerland: "Liver function tests in paediatric blunt abdominal traumas requiring admission"; Poster Presentation

Regional

- 06/2021: Rao Ivatury Trauma Symposium, Richmond, VA: "Epidemiology of Bleeding in Critically Ill Children"; Poster Presentation

Professional Service

Peer Review Groups/Grant Study Sections:

- 2020 Ad hoc reviewer for the Thrasher Research Fund
- 2019 NIH/NHLBI Special Emphasis Panel/Scientific Review Group 2020/01 ZHL1 CSR-B
- 2019 Ad hoc grant reviewer, Program for Hospital Clinical Research (Programme Hospitalier de Recherche Clinique, PHRC), French Ministry of Health, Paris, France

Journal Service:

Editor/Associate Editor

- 2020-present Associate Editor, *Frontiers in Pediatrics*
- 2019-2020 Gest Editor, *Frontiers in Pediatrics*
- 2018-present Associate Editor, *Journal of Pediatric Intensive Care*

Reviewer

- 2019-present *Frontiers in Pediatrics*
- 2018-present *Journal of Pediatrics*
- 2018 *Journal of the Pediatric Infectious Diseases Society*
- 2013-present *Annals of Intensive Care*
- 2013 *Lancet*
- 2012-present *Cochrane Library*
- 2009-present *Intensive Care Medicine*
- 2009-present *Pediatric Intensive Care Medicine*

Professional Service for Professional Organizations:

BloodNet

- 2021-present Past-Chair
- 2017-2020 Chair, Bi-annual Meeting

2010-present Member

Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network

2017-2020 Member, Scientific Committee

2007-present Member

Pediatric Anticoagulation on ECMO (PEACE)

2019-present Executive Committee

Transfusion Transfusion and Anemia eXpert Initiative - Control/Avoidance of (TAXI-CAB)

2018-present Executive Committee

Meeting Planning/Participation

2021-2022 Subgroup Chair, National Heart, Lung, and Blood Institute's (NHLBI), State of the Science in Transfusion Medicine symposium, Washington, DC

2019-present Abstract Referee, Society of Critical Care Medicine (SCCM)

2018 Member, Surviving Sepsis – Pediatric Guidelines, Society of Critical Care Medicine

2015 Member, National Heart, Lung, and Blood Institute's (NHLBI), State of the Science in Transfusion Medicine symposium, Washington, DC

2015 Chair, Symposium on Hepatic Extracorporeal Support, Geneva, Switzerland

University Service:

Geneva University Hospital Committees

10/2010-09/2015 Chair, Adverse Events Steering Committee, Geneva University Hospital, Geneva, Switzerland

11/2011-02/2017 Chair, Pediatric Critical Care Simulation, University of Geneva, Geneva, Switzerland

12/2011-02/2017 Chair, Pediatric Resuscitation Team, Geneva University Hospital, Geneva, Switzerland

01/2013-02/2017 Chair, Pediatric Organ Donation Committee, Geneva University Hospital, Geneva, Switzerland

01/2014-02/2017 Chair, Extracorporeal Life Support Working Group, Geneva University Hospital, Geneva, Switzerland

Children's Hospital of Richmond Committees

06/2017-06/2022 Member of the Steering Committee, Research Institute, Children's Hospital of Richmond, VA

06/2019-06/2022 Chair, Pediatric Blood Utilization Committee, Children's Hospital of Richmond, Richmond, VA

09/2019-06/2022 Chair, Emergency, Pulmonary, Intensive Care, and Cardiovascular (EPIC) Research Section, Research Institute, Children's Hospital of Richmond, VA

05/2020-06/2022 Co-chair, Patient Care Task Force, Children's Hospital of Richmond, VA

Virginia Commonwealth University

07/2020-06/2022 Member, Faculty Senate, Virginia Commonwealth University, Richmond, VA

07/2021-06/2022 Chair, Governance Committee, Faculty Senate, Virginia Commonwealth University, Richmond, VA

Public Service:

2020-present Health Advisory Committee, Steward School, Richmond, VA

- 2019-present Consultant on Transfusion Strategies, Jehovah's Witnesses, Wallkill, NY
2016-present Pediatric Intensive Care Consultant, Doctors Without Border (Médecins Sans Frontière, MSF), Geneva, Switzerland
2014-2017 Pediatric Intensive Care Consultant, Pediatric Cardiac Surgery Program, Yaoundé, Cameroun

Bibliography:

Peer-Reviewed Original Research

1. **Karam O**, La Scala G, Le Coultre C, Chardot C. Liver function tests in paediatric blunt abdominal traumas. *European Journal of Pediatric Surgery*. 2007;17(5):313-316.
2. **Karam O**, Donatiello C, Van Lancker E, Chritin V, Pfister RE, Rimensberger RC. Noise Levels during nCPAP are Flow- but not Device-dependent. *Arch Dis Child Fetal Neonatal Ed*. 2008;93(2):F132-134.
3. **Karam O**, Sanchez O, Chardot C, La Scala G. Blunt Abdominal Trauma in Children: a Score to Predict Organ Injury. *Journal of Pediatrics*. 2009;154(6):912-917.
4. **Karam O**, Tucci M, Toledano B, Lacroix J, Robitaille N, Thibault L, Cousineau J, Le Deist F. Length of Storage and In Vitro Leukocyte Activation by Leukoreduced Red Cell Concentrates. *Transfusion* 2009;49(11):2326-2334.
5. Gauvin F, Sipnella PC, Lacroix J, Chocker G, Ducruet T, **Karam O**, Hebert PC, Hume HH, Tucci M. Association between length of storage of transfused red blood cells and multiple organ dysfunction syndrome in pediatric intensive care. *Transfusion*. 2010;50(9):1902-1913.
6. **Karam O**, Tucci M, Bateman S, Ducruet T, Spinella P, Randolph AG, Lacroix J. Effect of length of storage of red blood cell units on outcome in critically ill children. *Critical Care* 2010;14(2):R57.
7. **Karam O**, Sanchez O, Widlhaber BE, La Scala GC. National survey on abdominal trauma practices of pediatric surgeons. *Eur J Pediatr Surg*. 2010;20(5):334-338.
8. **Karam O**, Tucci M, Ducruet T, Hume H, Lacroix J, Gauvin F. Transfusion thresholds in children with sepsis. *Pediatric Critical Care Medicine*. 2011;12(5):512-518.
9. **Karam O**, Tucci M, Ducruet T, Hume H, Lacroix J, Gauvin F. Mortality associated with restrictive threshold for red blood cell transfusion in pediatric patients with sepsis. *Pediatr Crit Care Med*. 2012;13(4):495.
10. **Karam O**, Lacroix J, Robitaille N, Rimensberger PC, Tucci M. Association between plasma transfusions and clinical outcome in critically ill children: a prospective observational study. *Vox Sanguinis*. 2013;104 (4):342-349.
11. Vignaux L, Grazioli S, Piquilloud L, Bochaton N, **Karam O**, Jaecklin T, Levy-Jamet Y, Tourneux P, Jolliet P, Rimensberger PC. Optimizing patient-ventilator synchrony during invasive ventilator-assist in children and in infants. *Pediatric Critical Care Medicine* 2013; 14(7):e316-325.
12. Vignaux L, Grazioli S, Piquilloud L, Bochaton N, **Karam O**, Levy-Jamet Y, Jaecklin T, Tourneux P, Jolliet P, Rimensberger PC. Patient-Ventilator Asynchrony during Non-invasive Pressure Support Ventilation and Neurally-/Adjusted Ventilatory Assist in Infants and Children. *Pediatric Critical Care Medicine* 2013; 14(8):e357-364.
13. **Karam O**, Tucci M, Combescure C, Lacroix J, Rimensberger PC. Plasma Transfusion Strategies for Critically Ill Patients: Review. *Cochrane Library* 2013, Issue 12.
14. **Karam O**, Tucci M, Lacroix J, Rimensberger P. International Survey on Plasma Transfusion Practices in Critically Ill Children. *Transfusion* 2014;54(4):1125-1132.
15. Grazioli S, **Karam O**, Rimensberger PC. New Generation Neonatal High Frequency Ventilators: Effect of Oscillatory Frequency and Working Principles on Performance. *Respiratory Care* 2014; 60(3):363-370.

16. Try A, **Karam O**, Delco C, Kraemer K, Boulvain M, Pfister R. Moderate and extended neonatal resuscitations occur in one in ten births and require specialist cover 24-hour-a-day. *Acta Paediatrica* 2015;104(6):589-595.
17. Spitalnik SL, Triulzi D, Devine DV, Dzik WH, Eder AF, Gernsheimer T, Josephson CD, Kor DJ, Luban NL, Roubinian NH, Mondoro T, Welniak LA, Zou S, Glynn S; State of the Science in Transfusion Medicine Working Groups (**Karam O**, as part of the group). 2015 proceedings of the National Heart, Lung, and Blood Institute's State of the Science in Transfusion Medicine symposium. *Transfusion* 2015 ;55(9):2282-2290
18. **Karam O**, Demaret P, Shefler A, Leteurtre S, Spinella S, Stanworth S, Tucci M. Indications and effects of plasma transfusions in critically ill children. *American Journal of Respiratory and Critical Care Medicine* 2015; 191 (12): 1395-1402.
19. Demaret P, Tucci M, **Karam O**, Ducruet T, Trottier H, Lacroix J. Clinical outcomes associated with red blood cell transfusions in critically ill children: a one-year prospective study. *Pediatric Critical Care Medicine* 2015; 16(6):505-514.
20. Brunner A, Dubois N, Rimensberger PC, **Karam O**. Identifying prognostic criteria for survival after resuscitation assisted by extracorporeal membrane oxygenation. *Critical Care Research and Practice* 2016, article ID 9521091.
21. Klee P, Arni D, Saudan S, Schwitzgebel V, Sharma R, **Karam O**, Rimensberger PC. Ketosis after cardiopulmonary bypass in children is associated with a low cardiac output. *Pediatric Intensive Care Medicine* 2016; 17(9):852-859 doi: 10.1097/PCC.0000000000000880
22. Janailac M, Labarinas S, Pfister RE, **Karam O**. Accuracy of transcutaneous carbon dioxide measurements in premature infants. *Critical Care Research and Practice* 2016, article ID 8041967. dx.doi.org/10.1155/2016/8041967
23. Gebistorf F, **Karam O**, Wetterslev J, Afshari A. Inhaled nitric oxide for acute respiratory distress syndrome (ARDS) and acute lung injury in children and adults. *Cochrane Database of Systematic Reviews* 2016, Issue 6, Art. No.: CD002787
24. Pregernig A, **Karam O**. Potential pediatric organ donors after cardiac. *Transplantation Proceedings* 2016; 48(8):2588-2591. doi: 10.1016/j.transproceed.2016.06.049.
25. Arni D, **Karam O**, Vidal I, Rimensberger PC, Hanquinet S, Wildhaber BE. Are scores reliable in predicting the need for surgery and mortality in necrotizing enterocolitis? *European Journal of Pediatric Surgery* 2016; Epub ahead of press. doi: 10.1055/s-0036-1593382
26. **Karam O**, Demaret P, Duhamel A, Shefler A, Spinella S, Stanworth S, Tucci M, Leteurtre S. Performance of the Pediatric Logistic Organ Dysfunction 2 score in critically ill children requiring plasma transfusions. *Annals of Intensive Care* 2016; 6(1):98. doi: 10.1186/s13613-016-0197-6
27. **Karam O**, Gebistorf F, Wetterslev J, Afshari A. The effect of Inhaled nitric oxide for acute respiratory distress syndrome in children and adults: a systematic review and meta-analysis children and adults. *Anesthesia* 2017; 72(1):106-117. doi: 10.1111/anae.13628.
28. **Karam O**, Demaret P, Duhamel A, Shefler A, Spinella S, Tucci M, Leteurtre S, Stanworth S. Factors influencing plasma transfusion practices in paediatric intensive care units around the world. *Vox Sanguinis* 2017; 112(2):140-149. doi: 10.1111/vox.12490
29. Camazine M, **Karam O**, Colvin R, Leteurtre S, Demaret P, Stanworth S, Muszynski J, Spinella PC. Outcomes Related to the Use of Frozen Plasma or Pooled Solvent/Detergent Treated Plasma in Critically Ill Children. *Pediatric Critical Care Medicine* 2017; 18(5):e215-e223. doi: 10.1097/PCC.0000000000001149
30. Delcò C, **Karam O**, Pfister R, Gervaix A, Renzi G, Emonet E, Schrenzel J, Posfay-Barbe K. Rapid ruling out of neonatal sepsis by PCR coupled with Electrospray Ionization Mass Spectrometry. *Early Human Development* 2017; 108:17-22. doi: 10.1016/j.earlhumdev.2017.03.004
31. Fink E, Kochanek PM, Tasker RC, Beca J, Bell MJ, Clark RSB, Hutchison J, Vavilala MS, Fabio A, Angus DC, Watson RS (**Karam O** as part of the PANGAEA investigators). International Survey of Critically Ill Children with Acute Neurologic Insults: The Prevalence of Acute Critical

- Neurological Disease in Children: A Global Epidemiological Assessment Study. *Pediatric Critical Care Medicine* 2017; 2017;18(4):330-342. doi: 10.1097/PCC.0000000000001093
32. Sternberg J, Pfister RE, **Karam O**. Hypoglycemia relapse in term infants treated with glucose infusion. *Journal of Clinical Neonatology* 2017; 6(3):163-167. doi: 10.4103/jcn.JCN_10_17
 33. Demaret P, **Karam O**, Tucci M, Lacroix J, Behal H, Duhamel A, Lebrun F, Mulder A, Leteurtre S. Anemia at Pediatric Intensive Care Unit discharge: Prevalence and Risk Markers. *Annals of Intensive Care* 2017;7(1):107. doi: 10.1186/s13613-017-0328-8
 34. Valpacos M, Arni D, Keir A, Aspirot A, Wilde J, Beasley S, De Luca D, Pfister R, **Karam O**. Diagnosis and Management of Necrotizing Enterocolitis: An International Survey of Neonatologists and Pediatric Surgeons. *Neonatology* 2017;113(2):170-176. doi: 10.1159/000484197
 35. Brocollo M, Favez N, **Karam O**. Perceived Changes in Behavior and Values after a Red Blood Cell Transfusion. *International Journal of Clinical Transfusion Medicine* 2018;6:1-5. doi: 10.2147/IJCTM.S155338
 36. Janailiac M, Beausoleil TP, Barrington KJ, Raboisson MJ, **Karam O**, Dehaes M, Lapointe A. Correlations between near infrared spectroscopy, perfusion index and cardiac outputs in extremely preterm infants in the first 72 hours of life. *European Journal of Pediatrics* 2018;177(4):541-550. doi: 10.1007/s00431-018-3096-z
 37. Nellis ME, **Karam O**, Mauer E, Cushing M, Davis P, Steiner ME, Tucci M, Stanworth SJ, Spinella PC, on behalf of the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) network, BloodNet, and the P3T Investigators. Platelet Transfusion Practices in Critically Ill Children. *Critical Care Medicine* 2018;46(8):1309-131. doi: 10.1097/CCM.0000000000003192
 38. Arni D, Wildhaber BE, McLin V, Rimensberger PC, Ansari M, Fontana P, **Karam O**. Effects of plasma transfusions on antithrombin levels after pediatric liver transplantation. *Vox Sanguinis* 2018;113:569-576. doi: 10.1111/vox.12664
 39. Valentine SL, Bembea MM, Muszynski JA, Cholette JM, Doctor A, Spinella PC, Steiner ME, Tucci M, Hassan NE, Parker RI, Lacroix J, Argent A, Carson JL, Remy KE, Demaret P, Emeriaud G, Kneyber MCJ, Guzzetta N, Hall MW, Macrae D, **Karam O**, Russell RT, Stricker PA, Vogel AM, Tasker RC, Turgeon AF, Schwartz SM, Willems A, Josephson CD, Luban NLC, Lehmann LE, Stanworth SJ, Zantek ND, Bunchman TE, Cheifetz IM, Fortenberry JD, Delaney M, van de Watering L, Robinson KA, Malone S, Steffen KM, Bateman ST; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI), in collaboration with the Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Consensus Recommendations for RBC Transfusion Practice in Critically Ill Children from the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. *Pediatr Crit Care Med.* 2018;19(9):884-898. doi: 10.1097/PCC.0000000000001613.
 40. Bembea MM, Valentine SL, Bateman ST, Wilson LM, Anton B, Harger N, Robinson KA; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI) (**Karam O**, as part of the group), in collaboration with the Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. The Pediatric Critical Care Transfusion and Anemia Expertise Initiative Consensus Conference Methodology. *Pediatr Crit Care Med.* 2018 Sep;19(9S Suppl 1):S93-S97. doi: 10.1097/PCC.0000000000001593.
 41. Doctor A, Cholette JM, Remy KE, Argent A, Carson JL, Valentine SL, Bateman ST, Lacroix J; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI) (**Karam O**, as part of the group), in collaboration with the Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Recommendations on RBC Transfusion in General Critically Ill Children Based on Hemoglobin and/or Physiologic Thresholds from the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. *Pediatr Crit Care Med.* 2018;19(9S Suppl 1):S98-S113. doi: 10.1097/PCC.0000000000001590.

42. Demaret P, Emeriaud G, Hassan NE, Kneyber MCJ, Valentine SL, Bateman ST, Tucci M; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI) (**Karam O**, as part of the group), in collaboration with the Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Recommendations on RBC Transfusions in Critically Ill Children with Acute Respiratory Failure from the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. *Pediatr Crit Care Med*. 2018;19(9S Suppl 1):S114-S120. doi: 10.1097/PCC.0000000000001619
43. Muszynski JA, Guzzetta NA, Hall MW, Macrae D, Valentine SL, Bateman ST, Spinella PC; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI) (**Karam O**, as part of the group), in collaboration with the Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Recommendations on RBC Transfusions for Critically Ill Children with Nonhemorrhagic Shock From the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. *Pediatr Crit Care Med*. 2018; 19(9S Suppl 1):S121-S126.
44. Tasker RC, Turgeon AF, Spinella PC; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI) (**Karam O**, as part of the group), in collaboration with BloodNet, and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Recommendations on RBC Transfusion in Critically Ill Children with Acute Brain Injury from the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. *Pediatr Crit Care Med*. 2018;19(9S Suppl 1):S133-S136. doi: 10.1097/PCC.0000000000001589.
45. Cholette JM, Willems A, Valentine SL, Bateman ST, Schwartz SM; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI) (**Karam O**, as part of the group); Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Recommendations on RBC Transfusion in Infants and Children with Acquired and Congenital Heart Disease from the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. *Pediatr Crit Care Med*. 2018;19(9S Suppl 1):S137-S148. doi: 10.1097/PCC.0000000000001603.
46. Steiner ME, Zantek ND, Stanworth SJ, Parker RI, Valentine SL, Lehmann LE, Josephson CD, Bateman ST, Luban NLC; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI) (**Karam O**, as part of the group), in collaboration with the Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Recommendations on RBC Transfusion Support in Children with Hematologic and Oncologic Diagnoses from the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. *Pediatr Crit Care Med*. 2018;19(9S Suppl 1):S149-S156. doi: 10.1097/PCC.0000000000001610.
47. Bembea MM, Cheifetz IM, Fortenberry JD, Bunchman TE, Valentine SL, Bateman ST, Steiner ME; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI) (**Karam O**, as part of the group), in collaboration with the Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Recommendations on the Indications for RBC Transfusion for the Critically Ill Child Receiving Support from Extracorporeal Membrane Oxygenation, Ventricular Assist, and Renal Replacement Therapy Devices from the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. *Pediatr Crit Care Med*. 2018 Sep;19(9S Suppl 1):S157-S162. doi: 10.1097/PCC.0000000000001600
48. Zantek ND, Parker RI, van de Watering LM, Josephson CD, Bateman ST, Valentine SL, Delaney M; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI) (**Karam O**, as part of the group); Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Recommendations on Selection and Processing of RBC Components for Pediatric Patients from the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. *Pediatr Crit Care Med*. 2018;19(9S Suppl 1):S163-S169. doi: 10.1097/PCC.0000000000001625.

49. Steffen KM, Bateman ST, Valentine SL, Small S, Spinella PC, Doctor A; Pediatric Critical Care Transfusion and Anemia Initiative (TAXI) (**Karam O**, as part of the group), in collaboration with BloodNet, and PALISI Network. Implementation of the Recommendations for RBC Transfusions for Critically Ill Children from the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. *Pediatr Crit Care Med*. 2018;19(9S Suppl 1):S170-S176
50. **Karam O**, Russell RT, Stricker P, Vogel AM, Bateman ST, Valentine SL, Spinella PC; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI); Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Recommendations on RBC Transfusion in Critically Ill Children with Nonlife-Threatening Bleeding or Hemorrhagic Shock from the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. *Pediatr Crit Care Med* 2018; 19(9S Suppl 1):S127-S132. doi: 10.1097/PCC.0000000000001605.
51. Keir AK, **Karam O**, Liley H, Shah PS, Stanworth SJ, on behalf of the NeoBolus study group. An international, multi-centre, cross sectional study of fluid bolus therapy in neonates. *Journal of Paediatrics and Child Health*. 2018;55:632–639. doi:10.1111/jpc.14260
52. Nellis ME, Goel R, **Karam O**; Cushing MM, Davis PJ, Steiner ME, Tucci M, Stanworth SJ, Spinella PC; on behalf of the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) network, Pediatric Critical Care Blood Research Network (BloodNet), and the P3T Investigators. Effects of ABO Matching of Platelet Transfusions in Critically Ill Children. *Pediatr Crit Care Med*. 2019 Feb;20(2):e61-e69. doi: 10.1097/PCC.0000000000001779
53. Calinescu AM, **Karam O**, Wilde JCH, Ansari M, McLin VA, Wildhaber BE. International survey on anticoagulation and antiplatelet strategies after pediatric liver transplantation. *Pediatric Transplantation* 2019;23(1):e13317. doi: 10.1111/ptr.13317
54. Demul A, Nguyen DA, Doell C, Perez MH, Cannizzaro V, **Karam O**. Prognostic Evaluation of Mortality after Pediatric Resuscitation Assisted by Extracorporeal Life Support. *Journal of Pediatric Intensive Care* 2019;8(2):57-63. doi 10.1055/s-0038-1667012
55. Bragard I, Farhat N, Seghaye MC, **Karam O**, Neuschwander A, Shayan Y, Schumacher K. Effectiveness of a high-fidelity simulation-based training program in managing cardiac arrhythmias in children: a randomized pilot study. *Pediatr Emerg Care*. 2019 Jun; 35(6):412-418. doi: 10.1097/PEC.0000000000000931
56. **Karam O**, Nellis M, Zantek ND, Lacroix J, Faustino V. Criteria for Clinically Relevant Bleeding in Critically Ill Children: an International Survey. *Pediatric Critical Care Medicine* 2019;20(3):e137-e144. doi: 10.1097/PCC.0000000000001828
57. Buyck M, Manzano S, Haddad K, Moncousin AC, Galetto-Lacour A, Blondon K, **Karam O**. Effects of blindfold on leadership in pediatric resuscitation simulation: a randomized trial. *Frontiers in Pediatrics* 2019;7:10. doi: 10.3389/fped.2019.00010
58. Nellis ME, Levasseur J, Stribling J, Faustino EVS, Zantek N, Sheth J, **Karam O**. Bleeding Scales Applicable to Critically Ill Children: A Systematic Review. *Pediatr Crit Care Med*. 2019;20(7):603-607. doi: 10.1097/PCC.0000000000001943.
59. Shein SL, **Karam O**, Beardsley A, Karsies T, Prentice E, Tarquinio KM, Willson DF. Development of an Antibiotic Guideline for Children with Suspected Ventilator-Associated Infections. *Pediatr Crit Care Med*. 2019;20(8):697-706. doi: 10.1097/PCC.0000000000001942.
60. Nellis ME, Goel R, **Karam O**, Cushing MM, Davis PJ, Steiner ME, Tucci M, Stanworth SJ, Spinella PC; on behalf of the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) network, Pediatric Critical Care Blood Research Network (BloodNet), and the P3T Investigators. International Study of the Epidemiology of Platelet Transfusions in Critically Ill Children with an Underlying Oncologic Diagnosis. *Pediatr Crit Care Med*. 2019;20(7):e342-e351. doi: 10.1097/PCC.0000000000001987.
61. Demaret P, Valla FV, Behal H, Mimouni Y, Baudalet JB, **Karam O**, Recher M, Duhamel A, Tucci M, Javouhey E, Leteurtre S. Anemia at discharge from pediatric intensive care unit: a bi-center

- descriptive study. *Pediatr Crit Care Med.* 2019;20(9):e400-e409. doi: 10.1097/PCC.0000000000002015.
62. Nellis ME, Dalton H, **Karam O**. Quantifiable bleeding in children supported by ECMO and outcome. *Critical Care Medicine* 2019;47(11):e886-e892 doi: 10.1097/CCM.0000000000003968
 63. Nellis ME, Tucci M, Lacroix J, Spinella PC, Haque KD, Stock A, Steiner ME, Faustino EVS, Zantek ND, Davis PJ, Stanworth SJ, Cholette JM, Parker RI, Demaret P, Kneyber MCK, Russell RT, Stricker PA, Vogel AM, Willems A, Josephson CD, Luban NLC, Loftis LL, Leteurtre S, Stocker CF, Goobie SM, **Karam O**. Bleeding Assessment Scale in critically ill Children (BASIC): Physician-Driven Diagnostic Criteria for Bleeding Severity. *Critical Care Medicine* 2019;47(12):1766-1772 doi: 10.1097/CCM.0000000000004025.
 64. Spinella PC, Tucci M, Fergusson DA, Lacroix J, Hébert PC, Leteurtre S, Schechtman KB, Doctor A, Berg RA, Bockelmann T, Caro JJ, Chiusolo F, Clayton L, Cholette JM, Guerra GG, Josephson CD, Menon K, Muszynski JA, Nellis ME, Sarpal A, Schafer S, Steiner ME, Turgeon AF, ABC-PICU Investigators (**Karam O**, as part of the group), the Canadian Critical Care Trials Group, the Pediatric Acute Lung Injury and Sepsis Investigators Network, the BloodNet Pediatric Critical Care Blood Research Network, and the Groupe Francophone de Réanimation et Urgences Pédiatriques. Effect of Fresh vs Standard-issue Red Blood Cell Transfusions on Multiple Organ Dysfunction Syndrome in Critically Ill Pediatric Patients: A Randomized Clinical Trial. *JAMA.* 2019;322(22):2179-2190. doi: 10.1001/jama.2019.17478.
 65. Nellis ME, Saini A, Spinella PC, Davis PJ, Steiner ME, Tucci M, Cushing M, Demaret P, Stanworth SJ, Leteurtre S, **Karam O**. Pediatric Plasma and Platelet Transfusions on Extracorporeal Membrane Oxygenation: a Subgroup Analysis of Two Large International Point-Prevalence Studies and the Role of Local Guidelines. *Pediatric Critical Care Medicine* 2020;21(3):267-275. doi: 10.1097/PCC.0000000000002160
 66. Goel R, Josephson CD, Patel EU, Petersen MR, Makhani S, Frank SM, Ness P, Bloch E, Gehrie EH, Lokhandwala PM, Nellis ME, **Karam O**, Shaz BH, Patel RM, Tobian AAR. Perioperative Transfusions and Venous Thromboembolism. *Pediatrics* 2020;145(4):e20192351. doi: 10.1542/peds.2019-2351
 67. Demaret P, **Karam O**, Labreuche J, Nellis ME, Chiusolo F, Mayordomo Colunga J, Erickson S, Perez MH, Ray S, Tucci M, Willems A, Duhamel A, Lebrun F, Loeckx I, Mulder A, Leteurtre S. How pediatric intensivists manage anemia at PICU discharge: online responses to an international survey. *Pediatric Critical Care Medicine* 2020;21(6):e342-e353. doi: 10.1097/PCC.0000000000002307
 68. Weiss SL, Peters MJ, Alhazzani W, Agus MSD, Flori HR, Inwald DP, Nadel S, Schlapbach LJ, Tasker RC, Argent AC, Brierley J, Carcillo J, Carrol ED, Carroll CL, Cheifetz IM, Choong K, Cies JJ, Cruz AT, De Luca D, Deep A, Faust SN, De Oliveira CF, Hall MW, Ishimine P, Javouhey E, Joosten KFM, Joshi P, **Karam O**, Kneyber MCJ, Lemson J, MacLaren G, Mehta NM, Møller MH, Newth CJL, Nguyen TC, Nishisaki A, Nunnally ME, Parker MM, Paul RM, Randolph AG, Ranjit S, Romer LH, Scott HF, Tume LN, Verger JT, Williams EA, Wolf J, Wong HR, Zimmerman JJ, Kisson N, Tissieres P. Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children. *Pediatr Crit Care Med.* 2020;21(2):e52-e106. doi: 10.1097/PCC.0000000000002198
 69. Weiss SL, Peters MJ, Alhazzani W, Agus MSD, Flori HR, Inwald DP, Nadel S, Schlapbach LJ, Tasker RC, Argent AC, Brierley J, Carcillo J, Carrol ED, Carroll CL, Cheifetz IM, Choong K, Cies JJ, Cruz AT, De Luca D, Deep A, Faust SN, De Oliveira CF, Hall MW, Ishimine P, Javouhey E, Joosten KFM, Joshi P, **Karam O**, Kneyber MCJ, Lemson J, MacLaren G, Mehta NM, Møller MH, Newth CJL, Nguyen TC, Nishisaki A, Nunnally ME, Parker MM, Paul RM, Randolph AG, Ranjit S, Romer LH, Scott HF, Tume LN, Verger JT, Williams EA, Wolf J, Wong HR, Zimmerman JJ, Kisson N, Tissieres P. Executive Summary: Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ

- Dysfunction in Children. *Pediatr Crit Care Med.* 2020 Feb;21(2):186-195. doi: 10.1097/PCC.0000000000002197
70. Iqbal O'Meara AM, Miller Ferguson N, Zven SE, **Karam O**, Meyer L, Bigbee JW, Sato-Bigbee C. Potential Neurodevelopmental Effects of Pediatric Intensive Care Sedation and Analgesia: Repetitive Benzodiazepine and Opioid Exposure Alters Expression of Glial and Synaptic Proteins in Juvenile Rats. *Critical Care Exploration* 2020; 2:e0105 doi : 10.1097/CCE.000000000000105
 71. Goel R, Josephson CD, Pate EU, Petersen MR, Packman Z, Gehrie E, Bloch EM, Lokhandwala P, Ness PM, Katz L, Nellis M, **Karam O**, Tobian AAR. Individual- and Hospital-level Correlates of Red Blood Cell, Platelet, and Plasma Transfusions among Hospitalized Children and Neonates: A Nationally Representative Study in the United States. *Transfusion* 2020;60(8):1700-1712. doi: 10.1111/trf.15855
 72. Nellis M, Goel R, Dalton H, **Karam O**. Epidemiology of Hemostatic Transfusions in Children Supported by Extracorporeal Membrane Oxygenation. *Crit Care Med.* 2020 Aug; 48(8):e698-e705. doi: 10.1097/CCM.0000000000004417
 73. Hughes A, Carter K, Cyrus J, **Karam O**. Pleural Effusions after Congenital Cardiac Surgery Requiring Readmission: a Systematic Review and Meta-analysis. *Pediatric Cardiology* 2020;41(6):1145-1152. doi: 10.1007/s00246-020-02365-4
 74. Biboulet P, Motais C, Pencole M, **Karam O**, Dangelser G, Smilevitch P, Maissiat G, Capdevila X, Bringuier S. Preoperative erythropoietin within a patient blood management program decreases both blood transfusion and postoperative anemia: a prospective observational study. *Transfusion* 2020;60(8):1732-1740. doi: 10.1111/trf.15900
 75. Klee P, Rimensberger PC, **Karam O**. Association between Lactates, Blood Glucose, and Systemic Oxygen Delivery in Children after Cardiopulmonary Bypass. *Front. Pediatr* 2020; 8:332. doi: 10.3389/fped.2020.00332
 76. Nellis ME, Spinella P, Tucci M, Stanworth S, Steiner M, Cushing M, Davis P, **Karam O**. Effect of Platelet Storage Duration on Clinical Outcomes and Incremental Platelet Change in Critically Ill Children. *Transfusion* 2020;60:2849–2858. doi: 10.1111/trf.16094.
 77. John JC, Gipson GT, King CD, **Karam O**. Accuracy of Bioimpedance Modalities for Fluid Assessment in Hemodialysis Patients: A Randomized Observational Study. *Nephrol Open J.* 2020;6(1):1-7. doi: 10.17140/NPOJ-6-124
 78. Greenfield K, **Karam O**, O'Meara A. Brighter Days May Be Ahead: Continuous Measurement of Pediatric Intensive Care Unit Light and Sound. *Frontiers in Pediatrics* 2020;8:590715. doi: 10.3389/fped.2020.590715
 79. Barbateskovic M, Koster TM, Eck RJ, Maagaard M, Afshari A, Blokzijl F, Cronhjort M, Dieperink W, Fabritius ML, Feinberg J, French C, Gareb B, Geisler A, Granholm A, Hiemstra B, Hu R, Imberger G, Jensen BT, Jonsson AB, **Karam O**, Kong DZ, Korang SK, Koster G, Lai B, Liang N, Lundstrøm LH, Marker S, Meyhoff T, Nielsen EE, Nørskov AK, Munch MW, Risom EC, Rygård SL, Safi S, Sethi N, Sjövall F, Lauridsen SV, van Bakelen N, Volbeda M, van der Horst ICC, Gluud C, Perner A, Møller MH, Keus F, Wetterslev JI. A new tool to assess Clinical Diversity In Metaanalyses (CDIM) of interventions. *J Clin Epidemiol* 2021;135:29-41. doi: 10.1016/j.jclinepi.2021.01.023.
 80. Willems A, Roeleveld PP, Labarinas S, Cyrus JW, Muszynski JA, Nellis ME, **Karam O**. Anti-Xa versus Time-Guided Anticoagulation Strategies in Extracorporeal Membrane Oxygenation: A Systematic Review and Meta-analysis. *Perfusion* 2021;36(5):501-512. doi: 10.1177/0267659120952982.
 81. Schapka E, Gee J, Cyrus J, Goldstein G, Greenfield K, Marinello M, **Karam O**. Lung Ultrasound versus Chest X Ray for the Detection of Fluid Overload in Critically Ill Children: a Systematic Review. *Journal of Pediatric Intensive Care* 2021. doi: 10.1055/s-0041-1725123
 82. Grunauer M, Mikesell C, Bustamante G, Cobo G, Sánchez S, Román AM, Icaza-Freire AP, Gavilanes AWD, Wang NE; PICU-MIC Research Group (**Karam O**, as part of the group). Pain

- Assessment and Management in Pediatric Intensive Care Units Around the World, an International, Multicenter Study. *Front Pediatr.* 2021;9:746489. doi: 10.3389/fped.2021.746489.
83. Grunauer M, Mikesell C, Bustamante Callejas G, PICU-MIC Research Group (**Karam O**, as part of the group). Primary palliative care integrated model in paediatric ICU: an international cross-sectional study. *BMJ Supportive & Palliative Care* 2021 [online ahead of print] doi:10.1136/bmjspcare-2020-002627
 84. Grunauer M, Mikesell C, Bustamante G, Aronowitz D, Zambrano K, Icaza-Freire AP, Gavilanes AWD, Barrera R; PICU-MIC Research Group (**Karam O**, as part of the group). Availability and Quality of Grief and Bereavement Care in Pediatric Intensive Care Units Around the World, Opportunities for Improvement. *Front Pediatr.* 2021;15(9):742916. doi: 10.3389/fped.2021.742916.
 85. Karsies T, Tarquinio K, Shein SL, Beardsley AL, Prentice E, **Karam O**, Fontela P, Moore-Clingenpeel M, Willson DF. Antibiotics in Pediatric Suspected Ventilator-Associated Infection: The VAIN2 Study. *Pediatr Crit Care Med.* 2021;22(10):859-869. doi: 10.1097/PCC.0000000000002761
 86. Patel R, Hendrickson JE; Nellis M, Birch R, Goel R, **Karam O**, Karafin MS, Hanson SJ, Sachais B, Hauser, RG, Luban, NL, Gottschall J, Josephson CD, Sola-Visner M. Variation in Neonatal Transfusion Practice. *Journal of Pediatrics* 2021;235:92-99.e4. doi: 10.1016/j.jpeds.2021.04.002
 87. Nellis ME, Vasovic LV, Goel R, **Karam O**. Epidemiology of the Use of Hemostatic Agents in Children Supported by Extracorporeal Membrane Oxygenation: A Pediatric Health Information System (PHIS) Database Study. *Frontiers in Pediatrics* 2021;9:673613. doi: 10.3389/fped.2021.673613
 88. Chegondi M, Vijayakumar N, Billa RD, Badheka A, **Karam O**. Performance of Platelet Mass Index as a Marker of Severity for Sepsis and Septic Shock in Children. *Journal of Pediatric Intensive Care* 2021. doi: 10.1055/s-0041-1731434.
 89. Goel R, Nellis ME, **Karam O**, Hanson SJ, Tormey CA, Patel RM, Birch R, Sachais BS, Sola-Visner M, Hauser RG, Luban NLC, Gottschall J, Josephson CD, Hendrickson JE, Karafin MS. Transfusion Practices for Pediatric Oncology and Hematopoietic Stem Cell Transplantation Patients. *Transfusion.* 2021;61(9):2589-2600. doi: 10.1111/trf.16626
 90. Hanson SJ, **Karam O**, Birch R, Goel R, Patel RM, Sola-Visner M, Sachais BS, Hauser RG, Luban NLC, Gottschall J, Josephson CD, Hendrickson JE, Karafin MS, Nellis ME. Transfusion Practices in Pediatric Cardiac Surgery Requiring Cardiopulmonary Bypass: A Secondary Analysis of a Clinical Database. *Pediatric Critical Care* 2021;22(11):978-987. doi: 10.1097/PCC.0000000000002805
 91. Sequeira J, Nellis M, **Karam O**. Epidemiology of Bleeding in Critically Ill Children. *Front Pediatr.* 2021;9:699991. doi: 10.3389/fped.2021.699991
 92. Bhalala US, Gist KM, Tripathi S, Boman K, Kumar VK, Retford L, Chiotos K, Blatz AM, Dapul H, Verma S, Sayed IA, Gharpure VP, Bjornstad E, Tofil N, Irby K, Sanders RC Jr, Heneghan JA, Thomas M, Gupta MK, Oulds FE, Arteaga GM, Levy ER, Gupta N, Kaufman M, Abdelaty A, Shlomovich M, Medar SS, Iqbal O'Meara AM, Kuehne J, Menon S, Khandhar PB, Miller AS, Barry SM, Danesh VC, Khanna AK, Zammit K, Stulce C, McGonagill PW, Bercow A, Amzuta IG, Gupta S, Almazyad MA, Pierre L, Sendi P, Ishaque S, Anderson HL 3rd, Nawathe P, Akhter M, Lyons PG, Chen C, Walkey AJ, Bihorac A, Wada Bello I, Ben Ari J, Kovacevic T, Bansal V, Brinton JT, Zimmerman JJ, Kashyap R; Society of Critical Care Medicine Discovery Viral Infection and Respiratory Illness Universal Study (VIRUS): COVID-19 Registry Investigator Group (**Karam O**, as part of the group). Characterization and Outcomes of Hospitalized Children With Coronavirus Disease 2019: A Report From a Multicenter, Viral Infection and Respiratory Illness Universal Study (Coronavirus Disease 2019) Registry. *Crit Care Med.* 2022;50(1):e40-e51. doi: 10.1097/CCM.0000000000005232
 93. Nguyen DA, De Mul A, Hoskote AU, Cogo P, da Cruz EM, Erickson S, Lasa JJ, Thiagarajan RR, Bembea MM, **Karam O**. Factors associated with initiation of extracorporeal cardiopulmonary

- resuscitation in the pediatric population: an international survey. *ASAIO J.* 2022;68(3):413-418 doi: 10.1097/MAT.0000000000001495.
94. Nellis ME, **Karam O**, Valentine S, Bateman S, Remy K, Lacroix J, et al. Executive Summary of Recommendations and Expert Consensus for Plasma and Platelet Transfusion Practice in Critically Ill Children: From the Transfusion and Anemia EXPertise Initiative – Control/Avoidance of Bleeding (TAXI-CAB). *Pediatric Critical Care Medicine* 2022;23(1): 34-51. doi: 10.1097/PCC.0000000000002851
 95. Delaney M, **Karam O**, Lieberman L, Steffen K, Muszynski JA, Goel R, Bateman ST, Parker RI, Nellis ME, Remy KE. What laboratory tests and physiologic triggers should guide the decision to administer a platelet or plasma transfusion in critically ill children and what product attributes are optimal to guide specific product selection? From the Transfusion and Anemia EXPertise Initiative – Control/Avoidance of Bleeding (TAXI-CAB). *Pediatric Critical Care Medicine* 2022;23(1S): e1-e13. doi: 10.1097/PCC.0000000000002854
 96. Lieberman L, **Karam O**, Stanworth SJ, Goobie SM, Crighton G, Goel R, Lacroix J, Nellis ME, Parker RI, Steffen K, Stricker PA, Valentine SL, Steiner ME. Plasma and Platelet Transfusion Strategies in Critically Ill Children with Malignancy, Acute Liver Failure and/or Liver Transplantation, or Sepsis: From the Transfusion and Anemia Expertise Initiative – Control/Avoidance of Bleeding (TAXI-CAB). *Pediatric Critical Care Medicine* 2022;23(1S): e37-e49. doi: 10.1097/PCC.0000000000002857
 97. Russell RT, Bauer DF, Goobie SM, Haas T, Nellis ME, Nishijima DK, Vogel AM, Lacroix J, and TAXI-CAB collaborators (**Karam O**, as part of the group). Plasma and platelet transfusion strategies in children following severe trauma, traumatic brain injury and/or intracranial hemorrhage: From the Transfusion and Anemia Expertise Initiative – Control/Avoidance of Bleeding (TAXI-CAB). *Pediatric Critical Care Medicine* 2022;23(1S): e14-e24. doi: 10.1097/PCC.0000000000002855
 98. Cholette JM, Muszynski JA, Ibla JC, Emani S, Steiner ME, Vogel AM, Parker RI, Nellis ME, Bembea MM, and TAXI-CAB collaborators (**Karam O**, as part of the group). Plasma and platelet transfusion strategies in neonates and children undergoing cardiac surgery with cardiopulmonary bypass or neonates and children supported by extracorporeal membrane oxygenation: From the Transfusion and Anemia Expertise Initiative – Control/Avoidance of Bleeding (TAXI-CAB). *Pediatric Critical Care Medicine* 2022;23(1S): e25-e36. doi: 10.1097/PCC.0000000000002855
 99. Tucci M, Crighton G, Goobie SM, Russell RT, Parker RI, Haas T, Nellis ME, Vogel AM, Lacroix J, Stricker PA, and TAXI-CAB collaborators (**Karam O**, as part of the group). Plasma and platelet transfusion strategies in critically ill children following non-cardiac surgery and critically ill children undergoing invasive procedures outside the operating room: From the Transfusion and Anemia EXPertise Initiative – Control/Avoidance of Bleeding (TAXI-CAB). *Pediatric Critical Care Medicine* 2022;23(1S): e50-e62. doi: 10.1097/PCC.0000000000002858
 100. Nellis ME, Remy KE, Lacroix J, Cholette JM, Bembea MM, Russell RT, Steiner ME, Goobie SM, Vogel AM, Crighton G, Valentine SL, Delaney M, Parker RI, and TAXI-CAB collaborators (**Karam O**, as part of the group). Research Priorities for Plasma and Platelet Transfusion Strategies in Critically Ill Children: From the Transfusion and Anemia EXPertise Initiative – Control/Avoidance of Bleeding (TAXI-CAB). *Pediatric Critical Care Medicine* 2022;23(1S): e63-e73. doi: 10.1097/PCC.0000000000002859
 101. Romano J, Martinez M, Levasseur J, Killinger JS, **Karam O**, Nellis ME. Epidemiology of Bleeding in Critically Ill Children with an Underlying Oncologic Diagnosis. *Critical Care Exploration* 2022;3(11):e0572. doi: 10.1097/CCE.0000000000000572.
 102. Tarquinio KM, Karsies T, Shein SL, Beardsley A, Khemani R, Schwarz A, Smith L, Flori H, **Karam O**, Cao Q, Haider Z, Smirnova E, Serrano MG, Buck GA, Willson DF. Airway Microbiome Dynamics and Possible Relationship to Ventilator-Associated Infection in Intubated Pediatric Patients. *Pediatr Pulmonol* 2022;57:508–518. doi: 10.1002/ppul.25769.

103. Bembea MM, Agus M, Akcan-Arikan A, Alexander P, Basu R, Bennett TD, Bohn D, Brandão LR, Brown AM, Carcillo JA, Checchia P, Cholette J, Cheifetz IM, Cornell T, Doctor A, Eckerle M, Erickson S, Farris RWD, Faustino EVS, Fitzgerald JC, Fuhrman DY, Giuliano JS, Williams K, Gaies M, Gorga SM, Hall M, Hanson SJ, Hartman M, Hassinger AB, Irving SY, Jeffries H, Jouvett P, Kannan S, **Karam O**, Khemani RG, Kissoon N, Lacroix J, Laussen P, Leclerc F, Lee JH, Leteurtre S, Lobner K, McKiernan PJ, Menon K, Monagle P, Muszynski JA, Odetola F, Parker R, Pathan N, Pierce RW, Pineda J, Prince JM, Robinson KA, Rowan CM, Ryerson LM, Sanchez-Pinto LN, Schlapbach LJ, Selewski DT, Shekerdemian LS, Simon D, Smith LS, Squires JE, Squires RH, Sutherland SM, Ouellette Y, Spaeder MC, Srinivasan V, Steiner ME, Tasker RC, Thiagarajan R, Thomas N, Tissieres P, Traube C, Tucci M, Typpo KV, Wainwright MS, Ward SL, Watson RS, Weiss S, Whitney J, Willson D, Wynn JL, Yeyha N, Zimmerman JJ. Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Contemporary Organ Dysfunction Criteria: Executive Summary. *Pediatrics*. 2022;149(S1):S1-S12. doi: 10.1542/peds.2021-052888B.
104. Faustino EVS, **Karam O**, Parker RI, Hanson SJ, Brandão LR, Monagle P; Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative. Coagulation Dysfunction Criteria in Critically Ill Children: The PODIUM Consensus Conference. *Pediatrics*. 2022;149(S1):S79-S83. doi: 10.1542/peds.2021-052888L.
105. Weiss SL, Carcillo JA, Leclerc F, Leteurtre S, Schlapbach LJ, Tissieres P, Wynn JL, Lacroix J, Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative (**Karam O**, as part of the group). Refining the Pediatric Multiple Organ Dysfunction Syndrome. *Pediatrics*. 2022;149(Supplement_1):S13-S22. doi: 10.1542/peds.2021-052888C.
106. Schlapbach LJ, Weiss SL, Bembea MM, Carcillo JA, Leclerc F, Leteurtre S, Tissieres P, Wynn JL, Zimmerman J, Lacroix J, Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative (**Karam O**, as part of the group). Scoring Systems for Organ Dysfunction and Multiple Organ Dysfunction: The PODIUM Consensus Conference. *Pediatrics*. 2022;149(Supplement_1):S23-S31. doi: 10.1542/peds.2021-052888D.
107. Wainwright MS, Williams K, Kannan S, Simon DW, Tasker RC, Traube C, Pineda J, Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative (**Karam O**, as part of the group). Acute Neurologic Dysfunction in Critically Ill Children: The PODIUM Consensus Conference. *Pediatrics*. 2022;149(Supplement_1):S32-S38. doi: 10.1542/peds.2021-052888E.
108. Alexander PMA, Checchia PA, Ryerson LM, Bohn D, Eckerle M, Gaies M, Laussen P, Jeffries H, Thiagarajan RR, Shekerdemian L, Bembea MM, Zimmerman JJ, Kissoon N; Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative (**Karam O**, as part of the group). Cardiovascular Dysfunction Criteria in Critically Ill Children: The PODIUM Consensus Conference. *Pediatrics*. 2022;149(Supplement_1):S39-S47. doi: 10.1542/peds.2021-052888F.
109. Yehya N, Khemani RG, Erickson S, Smith LS, Rowan CM, Jouvett P, Willson DF, Cheifetz IM, Ward S, Thomas NJ; Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative (**Karam O**, as part of the group). Respiratory Dysfunction Criteria in Critically Ill Children: The PODIUM Consensus Conference. *Pediatrics*. 2022;149(Supplement_1):S48-S52. doi: 10.1542/peds.2021-052888G.
110. Typpo KV, Irving SY, Prince JM, Pathan N, Brown AM; Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative (**Karam O**, as part of the group). Gastrointestinal Dysfunction Criteria in Critically Ill Children: The PODIUM Consensus Conference. *Pediatrics*. 2022;149(Supplement_1):S53-S58. doi: 10.1542/peds.2021-052888H.
111. Squires JE, McKiernan PJ, Squires RH; Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative (**Karam O**, as part of the group). Acute Liver Dysfunction Criteria in Critically Ill Children: The PODIUM Consensus Conference. *Pediatrics*. 2022;149(Supplement_1):S59-S65. doi: 10.1542/peds.2021-052888I.
112. Fitzgerald JC, Basu RK, Fuhrman DY, Gorga SM, Hassinger AB, Sanchez-Pinto LN, Selewski DT, Sutherland SM, Akcan-Arikan A; Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative (**Karam O**, as part of the group). Renal Dysfunction Criteria in

- Critically Ill Children: The PODIUM Consensus Conference. *Pediatrics*. 2022;149(Supplement_1):S66-S73. doi: 10.1542/peds.2021-052888J.
113. Muszynski JA, Cholette JM, Steiner ME, Tucci M, Doctor A, Parker RI; Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative (**Karam O**, as part of the group). Hematologic Dysfunction Criteria in Critically Ill Children: The PODIUM Consensus Conference. *Pediatrics*. 2022;149(Supplement_1):S74-S78. doi: 10.1542/peds.2021-052888K.
 114. Srinivasan V, Lee JH, Menon K, Zimmerman JJ, Bembea MM, Agus MSD; Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative (**Karam O**, as part of the group). Endocrine Dysfunction Criteria in Critically Ill Children: The PODIUM Consensus Conference. *Pediatrics*. 2022;149(Supplement_1):S84-S90. doi: 10.1542/peds.2021-052888M.
 115. Hall MW, Carcillo JA, Cornell T; Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative (**Karam O**, as part of the group). Immune System Dysfunction Criteria in Critically Ill Children: The PODIUM Consensus Conference. *Pediatrics*. 2022;149(Supplement_1):S91-S98. doi: 10.1542/peds.2021-052888N.
 116. Pierce RW, Giuliano JS, Whitney JE, Ouellette Y; Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative (**Karam O**, as part of the group). Endothelial Dysfunction Criteria in Critically Ill Children: The PODIUM Consensus Conference. *Pediatrics*. 2022;149(Supplement_1):S97-S102. doi: 10.1542/peds.2021-052888O.
 117. Sanchez-Pinto LN, Bembea MM, Farris RW, Hartman ME, Odetola FO, Spaeder MC, Watson RS, Zimmerman JJ, Bennett TD; Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Collaborative (**Karam O**, as part of the group). Patterns of Organ Dysfunction in Critically Ill Children Based on PODIUM Criteria. *Pediatrics*. 2022;149(Supplement_1):S103-S110. doi: 10.1542/peds.2021-052888P.
 118. Mazer MB, Bulut Y, Brodsky NN, Lam FW, Sturgill JL, Miles SM, Shein SL, Carroll CL, Remy KE; Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network and BloodNet Immunology section (**Karam O**, as part of the group). Multisystem Inflammatory Syndrome in Children: Host Immunologic Responses. *Pediatr Crit Care Med*. 2022 Jan 20. doi: 10.1097/PCC.0000000000002897. [Online ahead of print]
 119. Bjornstad EC, Cutter G, Guru P, Menon S, Aldana I, House S, M Tofil N, St Hill CA, Tarabichi Y, Banner-Goodspeed VM, Christie AB, Mohan SK, Sanghavi D, Mosier JM, Vadgaonkar G, Walkey AJ, Kashyap R, Kumar VK, Bansal V, Boman K, Sharma M, Bogojevic M, Deo N, Retford L, Gajic O, Gist KM; SCCM Discovery VIRUS Investigators Group (**Karam O**, as part of the group). SARS-CoV-2 infection increases risk of acute kidney injury in a bimodal age distribution. *BMC Nephrol*. 2022;23(1):63. doi: 10.1186/s12882-022-02681-2.
 120. Chegondi M, Vijayakumar N, Badheka A, **Karam O**. Effect of Platelet Transfusions on Extracorporeal Life Support Oxygenator's Function. *Front. Pediatr*. 2022;10:826477. doi: 10.3389/fped.2022.826477

Chapters, Books, and Reviews

121. Lacroix J, Tucci M, Timmouth A, Gauvin F, **Karam O**. Transfusion Medicine. In *Pediatric Critical Care 4th edition*. Eds: Fuhrman BP, Zimmerman JJ. New York: Elsevier 2011:1162-1176.
122. Labarinas S, Arni D, **Karam O**. Plasma in the PICU: When and why should we transfuse. *Annals of Intensive Care*. 2013;3(1):16.
123. Labarinas S, Arni D, **Karam O**. Transfusions de plasma en réanimation pédiatrique. *Réanimation*. 2014;23(4):455-462.
124. **Karam O**, Spinella P, Wong E, Luban N. Blood products and Transfusion Therapies. In: *Roger's Textbook of Pediatric Intensive Care*. 5th edition. Wolters Kluwer, 2015; 621-638.
125. Hagerman A, **Karam O**. Molecular Adsorbent Recirculating System (MARS) en réanimation pédiatrique. *Réanimation* 2016;25(2):239-245.
126. **Karam O**, Tucci M. Massive Transfusion. *Transfusion Medicine Review* 2016; 30(4):213-216. doi: 10.1016/j.tmr.2016.05.010

127. Lacroix J, Tucci M, **Karam O**, Spinella P. Transfusion medicine in the PICU. In Fuhrman's Zimmerman's Pediatric Critical Care. Eds. Fuhrman BP, Zimmerman JJ. 5th edition. New York: Elsevier 2016:1295-311.
128. Nellis M, **Karam O**. Assessing Our Current Practice: Point Prevalence Studies in Transfusion Medicine. *Transfusion* 2018;58(4):843-855. doi: 10.1111/trf.14492
129. Nellis M, **Karam O**. Targeted Transfusion Strategies. In Current Concepts in Pediatric Critical Care 2019. Society of Critical Care Medicine, October 2018.
130. Nellis ME, Goel R, **Karam O**. Transfusion Management in Pediatric Oncology Patients. *Hematol Oncol Clin N Am*. 2019;33(5):903-913 doi: 10.1016/j.hoc.2019.05.011
131. **Karam O**, Boomer L. Massive Bleeding. In Current Concepts in Pediatric Critical Care 2020. Society of Critical Care Medicine, June 2019.
132. Francois T, Emeriaud G, **Karam O**, Tucci M. Transfusion in Children with Acute Respiratory Distress Syndrome. *Annals of Translational Medicine* 2019;7(19):1-9. doi 10.21037/atm.2019.08.28
133. Lacroix J, Tucci M, Spinella P, **Karam O**. Transfusion medicine in the PICU. In Fuhrman's Zimmerman's Pediatric Critical Care. Eds Fuhrman BP, Zimmerman JJ. 6th edition. New York: Elsevier 2019:1295-311.
134. Kahn S, Chegondi M, Nellis M, **Karam O**. Overview of Plasma and Platelet Transfusions in Critically Ill Children. *Frontiers in Pediatrics* 2020;8:601659. doi: 10.3389/fped.2020.601659
135. Aran AA, **Karam O**, Nellis M. Bleeding in Critically Ill Children-Review of Literature, Knowledge Gaps and Suggestions for Future Investigation. *Frontiers in Pediatrics* 2021;9:611680. doi: 10.3389/fped.2021.611680.
136. **Karam O**, Nellis M. Transfusion Management for Children Supported by Extracorporeal Membrane Oxygenation. *Transfusion* 2021;61:660-664. doi: 10.1111/trf.16272

Peer-Reviewed Educational Materials

137. Chalier S, **Karam O**. Isotonic Solutions in Pediatrics. *Paediatrica* 2014. Available from <https://www.paediatricschweiz.ch/fr/solutions-de-perfusion-isotoniques/>

Invited Editorials and Commentaries

138. **Karam O**, Tucci M. Primum non nocere. *Pediatr Crit Care Med*. 2015;16(2):189-190.
139. Doell C, De Mul A, Nguyen DA, Perez MH, **Karam O**, Cannizzaro V. Prognostic Evaluation of Mortality after Pediatric Resuscitation Assisted by Extracorporeal Life Support. *Journal of Pediatric Intensive Care* 2019;8(3):193-194. doi : 10.1055/s-0039-169296
140. Demaret P, **Karam O**. Designing Appropriate and Individualized Transfusion Strategies: Finding the Sweet Spot. *Pediatric Critical Care Medicine* 2020;21(8):770-772. doi: 10.1097/PCC.0000000000002369
141. Crighton G, **Karam O**, Nellis M, Stanworth SJ. Hemostatic challenges in pediatric critical care medicine. *Frontiers in Pediatrics* 2021;9:699. doi: 10.3389/fped.2021.697921

Case Reports, Technical Notes, Letters

142. **Karam O**, La Scala G, Exterman P, Pfister R. Congenital lingual cyst. *Journal of Pediatric Surgery*, 2007;42:e25-e27.
143. Bottani A, Orrico A, Galli L, **Karam O**, Haenggeli CA, Ferey S, Conrad B. Unilateral focal polymicrogyria in a patient with classical Aarskog-Scott syndrome due to a novel missense mutation in an evolutionary conserved RhoGEF domain of the faciogenital dysplasia gene FGD1. *Am J Med Genet A*. 2007;143(19):2334-2338.
144. **Karam O**, Da Cruz E, Rimensberger PC. VGAM Induced High-flow Congestive Heart Failure Responsive to PGE1 Infusion. *International Journal of Cardiology*. 2009;132(2):e60-e62.

145. **Karam O**, Roy M, Barrington K, Janvier A. Long-distance air transport of an extremely low birth weight neonate: is it in the patient's best interest? *Paediatrics and Child Health*. 2011;16(2):79-81.
146. Delco C, **Karam O**. Refractory persistent pulmonary hypertension of the newborn responsive only to neuromuscular blockade. *Journal of Medical Cases*. 2013;4(5):288-291.

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March 11, 2022

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courier
Laboratory for Medicine and Pediatrics
(LMP)
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New Haven CT 06510

To Whom It May Concern:

On behalf of the Yale Department of Pediatrics, we are confirming that Dr. Oliver Karam is being offered a position on the faculty of Yale School of Medicine. This letter sets forth the specific terms and conditions of this offer of employment.

Appointment

The Department of Pediatrics is recommending Dr. Karam's academic appointment as a **Professor of Pediatrics in the Clinician-Educator Track** for a continuing appointment effective July 1, 2022. This appointment is contingent upon completion of the normal University review process including approval by the School of Medicine and Yale Corporation.

Compensation

At the School of Medicine, compensation is determined in accordance with the School and Department Compensation Guidelines and is reviewed annually. For fiscal year 2023, Dr. Karam's compensation will be based upon the following:

Salary: Dr. Karam's salary will be \$377,000 per 1.0 FTE for the academic year July 1, 2022 through June 30, 2023. Salaries in the Department of Pediatrics are developed with reference to Association of American Medical Colleges (AAMC) data for all schools in all regions. Annual adjustments are made based on the Department's Faculty Compensation plan and are based on the faculty member's overall contribution to the School and the Department.

Responsibilities

As a Professor of Pediatrics in the Clinician-Educator Track, Dr. Karam is a national or international leader in his field of Pediatric Critical Care Medicine. This is evidenced by scholarship that has had a national impact on clinical medicine or education, as well as sustained excellence in patient care and teaching.

As a Professor of Pediatrics (1.0 FTE) in the Section of Critical Care Medicine, Dr. Karam's initial allocation of effort will be as follows:

Section Chief	40%
Research start-up/ Program Development	30%
Clinical & Educational Activities	30%
Total	100%

For all your above roles and responsibilities, Dr. Karam will report to Dr. Clifford Bogue, Department Chair.

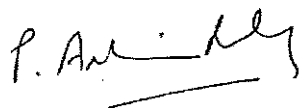


Please feel free to contact us, if there is any additional information that you require to confirm Dr. Oliver Karam's appointment as a Professor of Pediatrics at the Yale School of Medicine.

Sincerely,



Clifford W. Bogue, MD
Waldemar Von Zedtwitz Professor of Pediatrics
Chair, Department of Pediatrics, Yale School of Medicine
Chief Medical Officer, Yale-New Haven Children's Hospital



Ashwin Pamudurthy, MHSA, MS
Vice Chair, Finance & Administration
Department of Pediatrics, Yale School of Medicine



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March 30, 2022

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Children's Hospital of Richmond of VCU
Virginia Commonwealth University School of Medicine
karen.hendricks-munoz@vcuhealth.org

RE: Oliver Karam, MD
ABP ID: 1006864

Dear Dr. Hendricks-Muñoz:

The Credentials Committee of the American Board of Pediatrics (ABP) met on March 21, 2022, to review the petition for Dr. Oliver Karam to enter the Alternative Pathway for Academic Faculty.

The Credentials Committee reviewed the original petition dated January 13, 2020, submitted by Dr. Bruce Rubin, former Chair of the Department of Pediatrics at Children's Hospital of Richmond of VCU. The Committee also reviewed your February 28, 2022, letter attesting to Dr. Karam's clinical competence, along with the required three letters of endorsement from Drs. David E. Marcello III, Mark Marinello, and Frank Petruzella, all diplomates of the ABP. Based upon all information submitted, the Credentials Committee granted final approval for the petition.

In accordance with the Alternative Pathway for Academic Faculty policy and the Time-Limited Eligibility for Initial Certification Examinations policy, Dr. Karam will have seven years, until December 31, 2029, to become certified in general pediatrics and in pediatric critical care medicine. Our records indicate that Dr. Karam has applied for the 2022 General Pediatrics Certifying Examination.

At Dr. Karam's request, the Committee also reviewed the information that was submitted regarding his university limited license status. The ABP's policy is that physicians applying for a certifying exam must hold a valid, unrestricted allopathic and/or osteopathic medical license in at least one jurisdiction in the United States, its territories, or Canada. The Committee denied Dr. Karam's request to accept his limited license, as the ABP must treat all candidates for certification equitably, and therefore, an exception to the policy cannot be made. Dr. Karam will be required to submit a full, unrestricted medical license to the ABP by October 3, 2022 to meet the requirements for the 2022 General Pediatrics Certifying Examination.

Sincerely,

Suzanne K. Woods, MD
Executive Vice President

SKW/ajg

C. Oliver Karam, MD
oliver.karam@vcuhealth.org

Yale SCHOOL OF MEDICINE

Department of Pediatrics

March 14, 2022

To Whom It May Concern:

CLIFFORD W. BOGUE, MD
*Waldemar Von Zedtwitz Professor
of Pediatrics
Chairman of Pediatrics
Chief Medical Officer
Yale New Haven Children's Hospital*

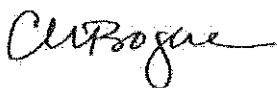
PO Box 208064
New Haven CT 06520-8064
T 203 785-4638
clifford.bogue@yale.edu
yalepediatrics.org

I am writing to give my strongest recommendation for Dr. Oliver Karam. Dr. Karam will be joining the department of pediatrics at Yale School of Medicine this summer as the new Chief of Critical Care Medicine. Dr. Karam was selected after we performed a national search that included several candidates with extraordinary accomplishments. The search process involved me having many in-depth conversations with Dr. Karam as well as personally speaking with several of his references, which included the person who recruited Dr. Karam to the United States from Switzerland as well as the chairman of his department at Virginia Commonwealth University. Through these interactions and discussions with these esteemed individuals, I feel confident that I know Dr. Karam well enough to give my strongest support to his application to the State of Connecticut Department of Health.

Dr. Karam currently serves as the John Mickell Professor of Pediatrics and Chief, Pediatric Critical Care Medicine at Virginia Commonwealth University. Dr. Karam's training is outstanding. He trained at top institutions in Switzerland, Canada and the US. He has excelled as a clinician, researcher, and leader. He moved to the United States in 2017 to join the faculty at VCU and quickly rose to the rank of professor and section chief of pediatric critical care medicine. He has an impressive research portfolio and is recognized as an international expert in the use of blood products, extracorporeal membrane oxygenation therapy, and clotting disorders in the pediatric critical care population. He has successfully led multi-institutional clinical trials and has led the development of important clinical care guidelines and consensus statements for the pediatric critical care community. All his references, both those with whom I directly spoke as well as others who wrote letters, attest to his skill in delivering outstanding care to his patients and to his unwavering commitment to improving the quality of medical care and to improving patient safety. He is also highly regarded for his leadership, vision and ability to develop consensus amongst those with whom he works. His references frequently used words such as "outstanding", "extraordinary", and "the best" in describing him as a clinician and academician. In my personal interactions with him, I've been impressed with his thoughtfulness, intelligence and commitment to excellence. After having reviewed many CVs and interviewed several candidates, it is clear to me the Dr. Karam is easily the best candidate for a section chief that I have interviewed in my career. I am confident the doctor Karam will be an outstanding addition to Yale School of Medicine and to the state of Connecticut.

In closing, I offer my strongest possible recommendation for Dr. Oliver Karam to practice medicine at the Yale School of Medicine. His training is outstanding and on par with any training he would've gotten in the United States and his track record is stellar. I place my full faith in Dr. Karam and look forward to his arrival at Yale pediatrics.

Sincerely,



Clifford W. Bogue, MD
Waldemar Von Zedtwitz Professor of Pediatrics
Chair of Pediatrics
Yale School of Medicine

Chief of Pediatrics and Chief Medical Officer
Yale New Haven Children's Hospital



Yale Medicine

Section of Neonatal-Perinatal Medicine
Department of Pediatrics
333 Cedar Street
PO Box 208064
New Haven, CT 06520-8064

Office: (203) 688-2320
Fax: (203) 688-5426

Mark R. Mercurio, MD, MA
Chief, Neonatal Perinatal Medicine
Yeisid F. Gozzo, MD
Medical Director
Renee E. Barrett, MD
Matthew J. Bizzarro, MD
Christie J. Bruno, DO
Catherine Buck, MD
Rosa Carrasco, MD
Ashley Cozzo, MD
Noa Fleiss, MD
Kathryn Fletcher, MD
Patrick G. Gallagher, MD
Emily Gritz, MD
Jeffrey R. Gruen, MD
Lindsay C. Johnston, MD, M Ed
Russell Kesman, MD
Liza Konnikova, MD
Soo Hyun Kwon, MD
Orly Levit, MD
Cheryl Menzies, MD
Angela M. Montgomery, MD, MS Ed
Eliza Myers, MD
Oluwabunmi Olaloye, MD
James Pelligrini, MD
Steven M. Peterec, MD
Melissa Posner, MD
Brooke Redmond, MD
Sheryl Purrier, MD
Sarah N. Taylor, MD

February 17, 2022

To Whom It May Concern:

I am writing this letter in support of Oliver Karam's application to practice within the Yale University School of Medicine in the State of Connecticut. I am a practicing neonatologist and the Vice Chair for Clinical Affairs for the Department of Pediatrics at the Yale University School of Medicine. I led a search committee for the Division Chief of Pediatric Critical Care in the Yale Department of Pediatrics that identified Dr. Karam as our primary candidate. Dr. Karam has accepted the position with a tentative start date of July 1, 2022.

Dr. Karam is an extremely well-educated, well-trained, and well-accomplished physician. He earned his Doctor of Medicine and completed a residency in Pediatrics at the Geneva University School of Medicine. He then completed a postdoctoral fellowship in Pediatric Critical Care at the University of Montreal and earned a PhD in Clinical Research from the University of Lille, France. He was appointed as an Assistant Professor of Pediatrics at Geneva Hospital in 2011, a position he held until moving to the United States in 2017. Since that time, Dr. Karam has been a practicing attending physician in the Section of Pediatric Critical Care at the Children's Hospital of Richmond, Virginia. In 2019, he was appointed as the Division Chief of Pediatric Critical Care and promoted to the rank of Professor at Virginia Commonwealth University.

In addition to his clinical and leadership skills, Dr. Karam is also an extremely accomplished researcher. He is internationally known and highly regarded for his expertise in transfusion medicine and acute coagulopathy. From 2017-2020, Dr. Karam served as the Chair of BloodNet, the largest international blood product and transfusion-based research network in the world. He has published numerous peer-reviewed manuscripts and has lectured throughout the world.

During the 9-month section chief search, I had the opportunity to speak and meet with Oliver on several occasions. He is an incredibly intelligent, kind, thoughtful, and honest individual who puts the needs of his patients and the faculty he supports at the forefront of decision-making. I have also had the opportunity to speak with several individuals that know and have worked closely with Dr. Karam who all described him as a kind-hearted, dedicated, collaborative, honest, and superb and highly regarded clinician. One of his colleagues stated at the end of our discussion, "I do not know what other candidates you are exploring, but you will not find anyone better than Oliver." Now at the end of a lengthy and detailed search, I could not agree more.

In summary, Oliver Karam is an extremely gifted and accomplished physician, researcher, and educator, dedicated to his patients, his profession, and the faculty that he supports. In the relatively short time that I have known him, I have been most impressed with his character. He is an extremely thoughtful and honest individual who we are all thankful to have recruited to an incredibly important leadership position within our institution. I therefore highly recommend Dr. Oliver Karam and fully support his application to practice within the Yale University School of Medicine.

Please do not hesitate to contact me with any additional needs or inquiries.

Sincerely,

A handwritten signature in black ink, appearing to read 'MJB', written in a cursive style.

Matthew J. Bizarro, MD
Professor of Pediatrics
Vice Chair Clinical Affairs, Department of Pediatrics
Yale University School of Medicine

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

VERIFICATION OF RESIDENCY TRAINING FORM

Applicant: Enter your full name and birth date on this form and forward it to the Chief of Staff or Program Director at the facility in which you completed your residency training. This form must be completed by the facility and returned directly to this office.

Applicant's Name: Oliver Karam Date of Birth: June 9, 1975

Chief of Staff/Program Director: Please provide the following verification of residency training for the above named Connecticut physician licensure applicant.

1. Name of facility where residency training was completed: Hopital Sainte Justine, Montreal, Canada
2. Dates of participation: From 8/01/2007 To 6/30/2010
(month/day/year) (month/day/year)
3. In what specialty was the residency training completed: Pediatric Critical Care Medicine
4. At what level(s) was this residency completed (PGY1, PGY2, etc.)? PGY6
5. At the time of the individual's training, was the residency training program in this specialty area accredited by the Accreditation Council for Graduate Medical Education (ACGME), American Osteopathic Association (AOA) or The Royal College of Physicians and Surgeons of Canada (RCPSC)? Yes (YES or NO)
6. Did this individual satisfactorily complete this period of residency training? Yes (YES or NO)*
7. Was this individual ever placed on probation? No (YES or NO)*
8. Was this individual ever disciplined or placed under investigation? No (YES or NO)*
9. Were any limitations or special requirements placed upon this individual because of questions of academic incompetence, disciplinary problems or any other reason? No (YES or NO)*

**If you answered "No" to question 6 or "Yes" to questions 7-9, please provide details and or attach any documents you may have on file regarding such information.*

I, Baruch Toledano, being duly sworn, do depose and certify that I am the Chief of Staff/Program Director at:

Name of Facility: Hopital Sainte Justine

Address: 3175, chemin de la Cote Sainte Catherine
Montreal, QC H3T 1C5, Canada

Telephone Number: (514) 237-1327 Email: baruch_toledano@ssss.gouv.qc.ca

I certify that the information above is an accurate account of the individual's record and is true and correct.

B Toledano
Signature of Chief of Staff/Program Director Date 4/21/2022

Please return this form directly to:

Connecticut Department of Public Health
Physician Licensure
410 Capitol Ave, MS#12APP
P.O. Box 340308
Hartford, CT 06134-0308

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

VERIFICATION OF RESIDENCY TRAINING FORM

Applicant: Enter your full name and birth date on this form and forward it to the Chief of Staff or Program Director at the facility in which you completed your residency training. This form must be completed by the facility and returned directly to this office.

Applicant's Name: Oliver Karam

Date of Birth: June 9, 1975

Chief of Staff/Program Director: Please provide the following verification of residency training for the above named Connecticut physician licensure applicant.

1. Name of facility where residency training was completed: Geneva University Hospital, Switzerland
2. Dates of participation: From 10/01/2002 To 07/31/2007
(month/day/year) (month/day/year)
3. In what specialty was the residency training completed: Pediatrics
4. At what level(s) was this residency completed (PGY1, PGY2, etc.)? PGY5
5. At the time of the individual's training, was the residency training program in this specialty area accredited by the Accreditation Council for Graduate Medical Education (ACGME), American Osteopathic Association (AOA) or The Royal College of Physicians and Surgeons of Canada (RCPSC)? Yes (YES or NO)
6. Did this individual satisfactorily complete this period of residency training? Yes (YES or NO)*
7. Was this individual ever placed on probation? No (YES or NO)*
8. Was this individual ever disciplined or placed under investigation? No (YES or NO)*
9. Were any limitations or special requirements placed upon this individual because of questions of academic incompetence, disciplinary problems or any other reason? No (YES or NO)*

*If you answered "No" to question 6 or "Yes" to questions 7-9, please provide details and or attach any documents you may have on file regarding such information.

I, Selina Pinosch, being duly sworn, do depose and certify that I am the Chief of Staff/Program Director at:

Name of Facility: Geneva University Hospital

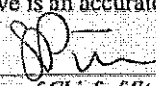
Address: 6 rue Willy Donze

1205 Geneva, Switzerland

Telephone Number: (+41) 79-699-21-91

Email: selina.pinosch@hcuge.ch

I certify that the information above is an accurate account of the individual's record and is true and correct.


Signature of Chief of Staff/Program Director

4/21/2022

Date

Please return this form directly to:

Connecticut Department of Public Health
Physician Licensure
410 Capitol Ave, MS#12APP
P.O. Box 340308
Hartford, CT 06134-0308

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

SCHOOL VERIFICATION FORM

APPLICANT: Please complete Section 1 of this form and forward it to your medical school

THIS FORM, IN ADDITION TO AN OFFICIAL TRANSCRIPT, NEED ONLY BE SUBMITTED IF THE APPLICANT EARNED A DEGREE OUTSIDE OF THE UNITED STATES OR CANADA

Section 1:

Name of Applicant: Olivier Laurent KARAM

Date of Birth: June 9, 1975 Year of Graduation 2002

Section 2: (This section to be completed by the medical school.)

This office has received an application for Connecticut physician licensure from the individual identified above. In order to complete our review of this individual's credentials for licensure, a verification of educational background is needed. The information below should be completed by the Dean, Registrar or other official authorized to verify educational records at the institution.

Name of Educational Institution: University of Geneva, Faculty of Medicine

Address of Educational Institution: Rue Michel-Servet 1, 1211 Genève 4

Dates of Studies FROM: 01.09.1995 TO: 01.09.2002


Total number of months of full-time classroom and supervised clinical instruction (record in **MONTHS** only): 84

Did this individual satisfactorily complete the full medical curriculum at this institution? YES: NO:

Was this individual granted a degree? YES: NO: Title of Degree: "Diplôme Fédéral de Médecin (MD)"

Date Awarded: January 31, 2002

At the time of this student's attendance, was this medical school fully licensed and approved, by the appropriate regulatory body of the jurisdiction in which it is located, to award the degree of doctor of medicine or its equivalent? YES: NO:


Signature
Pre Barbara BROERS, Academic Advisor
Title

20.04.2022
Date

*Pre Barbara Broers
Faculté de Médecine
Conseillère aux études
C.M.U. - 1 Rue Michel-Servet
1211 Genève 4*



Please return this form directly to:

Connecticut Department of Public Health
Physician Licensure
410 Capitol Ave, MS #12 APP
P.O. Box 340308
Hartford, CT 06134

SUMMARY SUSPENSION COVER SHEET

In re: Usman Ramzan, M.D.

Petition No. 2022-318

1. Usman Ramzan, M.D., of Northford, Connecticut (hereinafter "respondent") is, and has been at all times referenced in this Statement of Charges, the holder of Connecticut physician and surgeon license number 044658.
2. On December 19, 2017, the Connecticut Medical Examining Board adopted the Consent Order, Petition No. 2016-1237 based on the allegation that Respondent's excessive use and/or abuse of alcohol does and/or may affect his ability to practice medicine safely and effectively.
3. The terms of probation became effective on January 1, 2018. The Order required, in part, that respondent shall refrain from the ingestion of alcohol in any form and that all screens shall be negative for alcohol. The Order provided for probation for five (5) years with random urine screens, participation in therapy, attending support group meetings and submission of employer reports to the Department.
4. On November 27, 2020, respondent tested positive for Ethyl Glucuronide (EtG) and Ethyl Sulfate (EtS). The confirmation test confirmed the EtS level of 178 ng/mL
5. On December 6, 2021, Respondent tested positive for EtG and EtS. The EtG cut off level is 500 ng/mL. The confirmation test confirmed only EtS at a level of 204 ng/mL with a cut off level at 75 ng/mL.
6. For the foregoing reasons, the Department believes that respondent's continued practice as a physician and surgeon represents a clear and immediate danger to the public health and safety. The Department respectfully requests that this Board summarily suspend respondent's license until a full hearing on the merits can be held.

**STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
HEALTHCARE QUALITY AND SAFETY BRANCH
CONNECTICUT MEDICAL EXAMINING BOARD**

In re: Usman Ramzan, M.D.

Petition No. 2022-318

MOTION FOR SUMMARY SUSPENSION

The Department of Public Health (hereinafter "the Department") hereby moves in accordance with the General Statutes of Connecticut §§4-182(c) and 19a-17(c) that the Connecticut Medical Examining Board summarily suspend the license of Usman Ramzan, M.D., to practice as a physician and surgeon in Connecticut. This motion is based on the attached Statement of Charges, Affidavits and on the Department's information and belief that the continued practice as a physician and surgeon represents a clear and immediate danger to the public health and safety.

Dated at Hartford, Connecticut this 18th day of April 2022.



Christian D. Andresen, MPH, CPH, Section Chief
Practitioner Licensing & Investigations Section
Healthcare Quality and Safety Branch

**STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
HEALTHCARE QUALITY AND SAFETY BRANCH
CONNECTICUT MEDICAL EXAMINING BOARD**

In re: Usman Ramzan, M.D.

Petition No. 2022-318

STATEMENT OF CHARGES

Pursuant to the General Statutes of Connecticut, §§19a-10 and 19a-14, the Department of Public Health (hereinafter "the Department") brings the following charges against Usman Ramzan, M.D.:

COUNT ONE

1. Usman Ramzan, M.D., of Northford, Connecticut (hereinafter "respondent") is, and has been at all times referenced in this Statement of Charges, the holder of Connecticut physician and surgeon license number 044658.
2. On or about November 27, 2020, and/or December 6, 2021, respondent abused and/or used to excess alcohol.
3. Respondent's abuse and/or excess use of alcohol does, and/or may, affect his practice as a physician and surgeon.
4. The above facts constitute grounds for disciplinary action pursuant to the General Statutes of Connecticut, §§19a-17 and/or 20-13c, including but not limited to §20-13c(3).

COUNT TWO

5. Paragraphs 1 through 4 are incorporated herein by reference as if set forth in full
6. On or about December 19, 2017, the Connecticut Medical Examining Board adopted the Consent Order, Petition 2016-1237, (hereinafter "the Order") based on the allegation that respondent's excessive use and/or abuse of alcohol does and/or may affect his ability to practice medicine safely and effectively.
7. The Order required, in part, that respondent shall refrain from the ingestion of alcohol in any form and that all screens shall be negative for alcohol.
7. On or about November 27, 2020, respondent's urine tested positive for Ethyl Glucuronide (EtG) and Ethyl Sulfate (EtS).
8. On or about December 6, 2021, Respondent's urine tested positive for Ethyl Glucuronide (EtG) and Ethyl Sulfate (EtS).
9. Respondent's conduct as described above constitutes a violation of the terms of probation as set forth in the Order, and subjects respondent's license to revocation or other disciplinary action authorized by Connecticut General Statutes, §§19a-17 and §20-13c.

THEREFORE, the Department prays that:

The Connecticut Medical Examining Board, as authorized by the General Statutes of Connecticut, §§20-13(c) and 19a-17, revoke or order other disciplinary action against the license of Usman Ramzan, M.D., as it deems appropriate and consistent with law.

Dated at Hartford, Connecticut this 18th day of April 2022.



Christian D. Andresen, MPH, CPH, Section Chief
Practitioner Licensing & Investigations Section
Healthcare Quality and Safety Branch

soe2

**CONNECTICUT MEDICAL EXAMINING BOARD
CONSENT ORDER COVER SHEET**

Respondent: Marc D. Legris, M.D.

Petition No. 2021-868

BIOGRAPHICAL INFORMATION:

Medical School: University of Kentucky College of Medicine

Year of Graduation: 1991

07/01/1991-06/30/1992	Internal Medicine	<i>Intern</i>	Bay State Medical Center, Springfield, MA
07/01/1992-06/30/1995	Internal Medicine	<i>Resident</i>	Bay State Medical Center, Springfield, MA

Current employment: Not currently in active practice.

License: 034593 Issued: 6/23/1995

Type of Practice: Internal Medicine

Board Certification: American Board of Internal Medicine (Initially certified August 1996; however, certification is no longer active.)

Malpractice History: 1998 (Average)

Past History with DPH: None.

Investigation Commenced: 9/17/2021

THIS CONSENT ORDER DISCIPLINE:

- Reprimand
- \$10,000 Civil Penalty
- Two (2) year probation to include in-person course in ethics, pre-approved by the Department; quarterly written employer reports from his immediate supervisor; practice only in a practice and office setting that physically includes other licensed physicians, physician assistants or advanced practice registered nurses on-site; and written approval from the Department before change in employment.

DEPARTMENT SUMMARY OF THE CASE:

The Department's Practitioner Licensing and Investigations Section opened this petition after receiving a referral from the Department of Consumer Protection, Drug Control Division.

In August 2021, respondent surrendered his DEA registration and his Connecticut Controlled Substance Prescribing credential.

During the course of approximately August 2018 through August 2021, respondent fraudulently used the name and DEA registration of another physician to prescribe controlled substances, on a recurring basis, for a family member. The family member was not respondent's patient and/or respondent failed to evaluate or maintain appropriate medical records for the family member.

WILL THIS RESULT IN A REPORT TO THE N.P.D.B. BANK? Yes

**STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
HEALTHCARE QUALITY AND SAFETY BRANCH**

In re: Marc D. Legris, M.D.

Petition No. 2021-868

CONSENT ORDER

WHEREAS, Marc D. Legris of Oxford, Connecticut ("respondent") has been issued license number 034593 to practice as a physician and surgeon by the Department of Public Health ("the Department") pursuant to Chapter 370 of the General Statutes of Connecticut, as amended; and,

WHEREAS, respondent admits that:

1. During the course of approximately August 2018 through August 2021, respondent fraudulently used the name and Drug Enforcement Administration ("DEA") registration number of another physician to prescribe controlled substances, on a recurring basis, for a family member. Said family member was not respondent's patient and/or respondent failed to evaluate and/or maintain appropriate medical records for said family member.
2. The above-described facts constitute grounds for disciplinary action pursuant to the General Statutes of Connecticut, §20-13c(4).

WHEREAS, respondent, in consideration of this Consent Order, has chosen not to contest this matter and agrees that for purposes of this or any future proceedings before the Connecticut Medical Examining Board ("the Board"), this Consent Order shall have the same effect as if proven and ordered after a full hearing held pursuant to §§19a-10, 19a-14 and 20-13c of the General Statutes of Connecticut.

WHEREAS, on or about August 27, 2021, respondent voluntarily surrendered his DEA registration and his Connecticut Controlled Substance Prescribing credential.

NOW THEREFORE, pursuant to §§19a-14, 19a-17 and 20-13c of the General Statutes of Connecticut, respondent hereby stipulates and agrees to the following:

1. Respondent waives respondent's right to a hearing on the merits of this matter.
2. Respondent's license number 034593 to practice as a physician and surgeon in the State of Connecticut is hereby reprimanded.
3. Respondent shall pay a civil penalty of ten thousand dollars (\$10,000.00) by certified or cashier's check payable to "Treasurer, State of Connecticut." The check shall reference the Petition Number on the face of the check and shall be payable at the time respondent submits the executed Consent Order to the Department.
4. Respondent's license shall be placed on probation for a period of two (2) years under the following terms and conditions:
 - a. Within the first six (6) months of the probationary period, respondent shall attend and successfully complete an in-person course in ethics, pre-approved by the department and for at least five (5) continuing education credit hours. Within fifteen (15) days of the completion of such coursework, respondent shall provide the Department with proof, to the Department's satisfaction, of the successful completion of such course.
 - b. Respondent shall provide a copy of this Consent Order to all employers if employed as a physician during the probationary period. All such employer(s) shall confirm receipt of a copy of this Consent Order, in writing to the Department within fifteen (15) days of the effective date of this Consent Order or within fifteen (15) days of commencement of employment with a new employer.

- c. If employed as a physician, respondent shall be responsible for providing quarterly written reports from any and all of his employers. Such reports shall be provided from respondent's immediate supervisor directly to the Department, at the address listed in paragraph 5 below, and indicate whether respondent is practicing with reasonable skill and safety. Any employer report indicating that respondent is not practicing with reasonable skill and safety shall be deemed to be a violation of this Consent Order.
 - d. During the period of probation, respondent shall only practice in an office and practice setting that physically includes other licensed physicians, physician assistants or advanced practice registered nurses on-site while respondent is practicing at said office and practice setting.
 - e. Respondent shall obtain written approval from the Department prior to any change in employment.
5. All correspondence and reports are to be addressed to:
- Practitioner Compliance and Monitoring Unit
Department of Public Health
410 Capitol Avenue, MS #12HSR
P.O. Box 340308
Hartford, CT 06134-0308
6. All reports required by the terms of this Consent Order shall be due according to a schedule to be established by the Department of Public Health.
 7. Respondent shall comply with all state and federal statutes and regulations applicable to respondent's licensure.
 8. Respondent shall pay all costs necessary to comply with this Consent Order.
 9. Any alleged violation of any provision of this Consent Order may result in the following procedures at the discretion of the Department:

- a. The Department shall notify respondent in writing by first-class mail that the term(s) of this Consent Order have been violated, provided that no prior written consent for deviation from said term(s) has been granted.
 - b. Said notification shall include the acts or omission(s) which violate the term(s) of this Consent Order.
 - c. Respondent shall be allowed fifteen (15) days from the date of the mailing of notification required in paragraph 9a above to demonstrate to the satisfaction of the Department that respondent has complied with the terms of this Consent Order or, in the alternative, that respondent has cured the violation in question.
 - d. If respondent does not demonstrate compliance or cure the violation within the fifteen (15) days specified in the notification of violation to the satisfaction of the Department, respondent shall be entitled to a hearing before the Board which shall make a final determination of the disciplinary action to be taken.
 - e. Evidence presented to the Board by either the Department or respondent in any such hearing shall be limited to the alleged violation(s) of the term(s) of this Consent Order.
10. In the event respondent does not practice as a physician and surgeon for periods of thirty (30) consecutive days or longer, respondent shall notify the Department in writing. Such periods of times shall not be counted in reducing the probationary period covered by this Consent Order and such terms shall be held in abeyance. During such time period, respondent shall not be responsible for complying with the terms of probation of this Consent Order. In the event respondent resumes the practice of physician and surgeon, respondent shall provide the Department with thirty (30) days prior written notice. Respondent shall not return to the practice of physician and surgeon without written pre-approval from the Department. Respondent agrees that the Department, in its complete

discretion, may require additional documentation from respondent and/or require respondent to satisfy other conditions or terms as a condition precedent to respondent's return to practice. Respondent agrees that any return to the practice of a physician and surgeon without pre-approval from the Department shall constitute a violation of this Consent Order and may subject the respondent to further disciplinary action.

11. If, during the period of probation, respondent practices as a physician and surgeon outside Connecticut, respondent shall provide written notice to the Department concerning such practice. During such time period, respondent shall not be responsible for complying with the terms of probation of this Consent Order, and such time period shall not be counted in reducing the probationary period covered by this Consent Order. Respondent may comply with the terms of probation while practicing outside Connecticut if pre-approved by the Department. In the event respondent intends to return to the practice of physician and surgeon in Connecticut, respondent shall provide the Department with thirty (30) days prior written notice and agrees to comply with all terms and conditions required in paragraph 4 above.
12. In the event respondent violates any term of this Consent Order, said violation may also constitute grounds for the Department to seek a summary suspension of respondent's license before the Board.
13. Legal notice shall be sufficient if sent to respondent's last known address of record reported to the Practitioner Licensing and Investigations Section of the Healthcare Quality and Safety Branch of the Department.
14. This Consent Order is effective on the first day of the month immediately following the date this Consent Order is accepted and ordered by the Board.
15. Respondent understands and agrees that this Consent Order shall be deemed a public document and the above admitted violations shall be deemed true in any proceeding before the Board in which respondent's compliance with this Consent Order or with §20-

13c of the General Statutes of Connecticut, as amended, is at issue. Further, respondent understands that any discipline imposed by this Consent Order shall be reported to the National Practitioner Data Bank maintained by the United States Department of Health and Human Services and that all disciplinary actions will appear on respondent's physician profile pursuant to Connecticut General Statutes §20-13j.

16. In the event respondent violates a term of this Consent Order, respondent agrees immediately to refrain from practicing as a physician and surgeon, upon request by the Department, for a period not to exceed forty-five (45) days. During that time period, respondent further agrees to cooperate with the Department in its investigation of the violation, and to submit to and complete a medical, psychiatric or psychological evaluation, if requested to do so by the Department; and, that the results of the evaluation shall be submitted directly to the Department. Respondent further agrees that failure to cooperate with the Department in its investigation during said forty-five (45) day period shall constitute grounds for the Department to seek a summary suspension of respondent's license. In any such summary action, respondent stipulates that failure to cooperate with the Department's investigation shall be considered by the Board and shall, as a matter of law, constitute a clear and immediate danger as required pursuant to Connecticut General Statutes §§4-182(c) and 19a-17(c). The Department and respondent understand that the Board has complete and final discretion as to whether a summary suspension is ordered.
17. Any extension of time or grace period for reporting granted by the Department shall not be a waiver or preclude the Department from taking action at a later time. The Department shall not be required to grant future extensions of time or grace periods.
18. This Consent Order and terms set forth herein are not subject to reconsideration, collateral attack or judicial review under any form or in any forum. Respondent agrees that this Consent Order shall not be subject to modification as a result of any claim that the terms

contained herein may result in action by third parties, including, but not limited to, healthcare facilities and/or credentialing or licensure boards and respondent waives any right to seek reconsideration or modification of this Consent Order pursuant to §4-181a of the General Statutes of Connecticut without the express consent and agreement of the Department. Respondent assumes all responsibility for assessing such actions prior to the execution of this document. Further, this Consent Order is not subject to appeal or review under the provisions of Chapters 54 or 368a of the General Statutes of Connecticut, provided that this stipulation shall not deprive respondent of any rights that respondent may have under the laws of the State of Connecticut or of the United States.

19. This Consent Order is a revocable offer of settlement which may be modified by mutual agreement or withdrawn by the Department at any time prior to its being executed by the last signatory.
20. Respondent permits a representative of the Department to present this Consent Order and the factual basis for this Consent Order to the Board. Respondent understands that the Board has complete and final discretion as to whether this executed Consent Order is approved or accepted. Respondent hereby waives any claim of error that could be raised that is related to or arises during the course of the Board's review of any documentation and discussions regarding whether to approve or reject this Consent Order and/or a Board member's participation during this process, through the Board member's review or comments, including but not limited to bias or reliance on evidence outside the administrative record if this matter proceeds to a hearing on a statement of charges resulting in a proposed decision by the Board and/or a panel of the Board and a final decision by the Board.
21. Respondent has consulted with his attorney prior to signing this Consent Order.

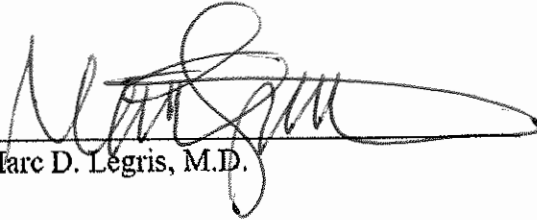
22. The execution of this document has no bearing on any criminal liability without the written consent of the Director of the Medicaid Fraud Control Unit or the State's Attorney's Office where the allegation occurred or Bureau Chief of the applicable unit in the Chief State's Attorney's Office. The purpose of this Consent Order is to resolve the pending administrative license disciplinary petition only and is not intended to affect any civil or criminal liability or defense.
23. This Consent Order embodies the entire agreement of the parties with respect to this case. All previous communications or agreements regarding the subject matter of this consent order, whether oral or written, between the parties are superseded unless expressly incorporated herein or made a part hereof.

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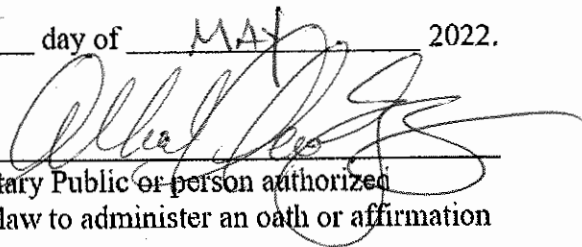
*

I, Marc D. Legris, have read the above Consent Order, and I stipulate and agree to the terms as set forth therein. I further declare the execution of this Consent Order to be my free act and deed.


Marc D. Legris, M.D.

Subscribed and sworn to before me this 9TH day of MAY 2022.




Notary Public or person authorized
by law to administer an oath or affirmation

The above Consent Order having been presented to the duly appointed agent of the Commissioner of the Department of Public Health on the 10th day of May 2022, it is hereby accepted.



Christian D. Andresen, MPH, Section Chief
Practitioner Licensing and Investigations Section
Healthcare Quality and Safety Branch

The above Consent Order having been presented to the Connecticut Medical Examining Board on the _____ day of _____ 2022, it is hereby ordered and accepted.

Kathryn Emmett, Esq., Chairperson
Connecticut Medical Examining Board

**CONNECTICUT MEDICAL EXAMINING BOARD
CONSENT ORDER COVER SHEET**

In re: Michael L. Krall, M.D.

Petition No. 2021-158

BIOGRAPHICAL INFORMATION:

Medical School: Jefferson Medical College, Year of Graduation: 1980

07/01/80-06/30/81	Pediatrics	<i>Intern</i>	Thomas Jefferson University Hospital
07/01/81-06/30/83	Pediatrics	<i>Resident</i>	Thomas Jefferson University Hospital
07/01/83-06/30/85	Pediatrics	<i>Fellowship</i>	Thomas Jefferson University Hospital

Current employment: Respondent is no longer actively practicing medicine and resides outside Connecticut.

License Number: 026257

Issued: 04/09/85

Board Certification: Respondent was Board Certified in the American Board of Allergy and Immunology in 1999. His certification is no longer active.

Malpractice History: None

Past History with the Department: None

Other State License: None

Investigation Commenced: March 30, 2021

CONSENT ORDER DISCIPLINE:

- Reprimand;
- \$2,000 civil penalty;
- Respondent shall not prescribe, dispense, or administer medications to friends, family or himself;
- If respondent intends to return to Connecticut to practice medicine, he shall provide written notice to the Department within ninety (90) days and agrees that the Department may require him to comply with other conditions or terms prior to his return to practice.

DEPARTMENT SUMMARY OF THE CASE:

This case was referred to the Department by the Department of Consumer Protection. From approximately May 29, 2017 through May 29, 2020, respondent prescribed promethazine/codeine syrup approximately six (6) times for a family member who was not his patient and/or failed to examine and/or maintain appropriate medical records for said family member.

WILL THIS RESULT IN A REPORT TO THE N.P.D.B. BANK?

- Yes.

Respondent chose not to enter into the Consent Order Review Agreement and is not agreeable to providing documents to the Connecticut Medical Examining Board for review.

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**STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
HEALTHCARE QUALITY AND SAFETY BRANCH
CONNECTICUT MEDICAL EXAMINING BOARD**

In re: Michael Krall, MD

Petition No. 2021-158

CONSENT ORDER

WHEREAS, Michael Krall, MD, of Boston, Massachusetts ("respondent") has been issued license number 026257 to practice as a physician and surgeon by the Department of Public Health ("Department") pursuant to Connecticut General Statutes, Chapter 370, as amended.

WHEREAS, respondent admits:

1. From approximately May 29, 2017 through May 29, 2020, respondent prescribed promethazine/codeine syrup approximately six (6) times for a family member who was not his patient and/or failed to examine and/or maintain appropriate medical records for said family member.
2. The above-described facts constitute grounds for disciplinary action pursuant to Connecticut General Statutes §20-13c(4).

WHEREAS, respondent, in consideration of this Consent Order, has chosen not to contest this matter and agrees that for purposes of this or any future proceedings before the Connecticut Medical Examining Board ("Board"), this Consent Order shall have the same effect as if proven and ordered after a full hearing held pursuant to Connecticut General Statutes §§19a-10, 19a-14 and 20-13c.

WHEREAS, respondent does not reside or practice medicine in the State of Connecticut.

NOW THEREFORE, pursuant to Connecticut General Statutes §§19a-14, 19a-17 and 20-13c, respondent hereby stipulates and agrees to the following:

1. Respondent waives his right to a hearing on the merits of this matter.
2. Respondent's Connecticut physician and surgeon license number 026257 is hereby reprimanded.
3. Respondent shall pay a civil penalty of two thousand dollars (\$2,000.00) by certified or cashier's check payable to "Treasurer, State of Connecticut." The check shall reference the Petition Number on the face of the check and shall be payable at the time respondent submits the executed Consent Order to the Department.
4. Respondent shall not, prescribe, dispense, or administer medications to friends, family members, or himself.
5. If respondent intends to return to Connecticut to practice as a physician and surgeon, respondent shall provide written notice to the Department within ninety (90) days prior to such intention and shall not return to practice without written pre-approval from the Department. Respondent agrees that the Department, in its complete discretion, may require respondent to comply with other conditions or terms as a condition precedent to respondent's return to practice. Respondent agrees that any return to the practice of medicine in Connecticut without written approval from the Department shall constitute a violation of this Consent Order and may subject the respondent to further disciplinary action.
6. Respondent shall comply with all state and federal statutes and regulations applicable to respondent's licensure.
7. Respondent shall pay all costs necessary to comply with this Consent Order.
8. If respondent violates any term of this Consent Order, said violation may also constitute grounds for the Department to seek a summary suspension of respondent's license before the Board.

9. Legal notice shall be sufficient if sent to respondent's last known address of record reported to the Department.
10. This Consent Order is effective on the date this Consent Order is accepted and ordered by the Board.
11. Respondent understands and agrees that this Consent Order is a public document and the above-admitted allegations shall be deemed true in any proceeding before the Board in which respondent's compliance with this Consent Order or with Connecticut General Statutes §20-13c, as amended, is at issue. Further, respondent understands that any discipline imposed by this Consent Order shall be reported to the National Practitioner Data Bank maintained by the United States Department of Health and Human Services and that all disciplinary actions will appear on respondent's physician profile pursuant to Connecticut General Statutes 20-13j.
12. If respondent violates a term of this Consent Order, respondent agrees immediately to refrain from practicing medicine, upon request by the Department, for a period not to exceed forty-five (45) days. During that time, respondent further agrees to cooperate with the Department in its investigation of the violation. Respondent further agrees that failure to cooperate with the Department in its investigation during said forty-five (45) day period shall constitute grounds for the Department to seek a summary suspension of respondent's license. In any such summary action, respondent stipulates that failure to cooperate with the Department's investigation shall be considered by the Board and shall, as a matter of law, constitute a clear and immediate danger pursuant to Connecticut General Statutes §§4-182(c) and 19a-17(c). Respondent understands that the Board has complete and final discretion whether a summary suspension is ordered.
13. Any extension of time or grace period for reporting granted by the Department shall not be a waiver or preclude the Department from acting later. The Department shall not be required to grant future extensions of time or grace periods.

14. This Consent Order and terms set forth herein are not subject to reconsideration, collateral attack, or judicial review under any form or in any forum. Respondent agrees that this Consent Order shall not be subject to modification because of any claim that the terms may result in action by third parties, including, but not limited to, healthcare facilities and/or credentialing or licensure boards and respondent waives any right to seek reconsideration or modification of this Consent Order pursuant to Connecticut General Statutes §4-181a without the Department's express consent and agreement. Respondent assumes all responsibility for assessing such actions prior to executing this Consent Order. Further, this Consent Order is not subject to appeal or review under the provisions of Connecticut General Statutes Chapters 54 or 368a, provided that this stipulation shall not deprive respondent of any rights under Connecticut or United States law.
15. This Consent Order is a revocable offer of settlement which may be modified by mutual agreement or withdrawn by the Department at any time prior to its being executed by the last signatory.
16. Respondent permits a representative of the Department to present this Consent Order and its factual basis to the Board. Respondent understands that the Board has complete and final discretion whether this executed Consent Order is approved or accepted. Respondent waives any claim of error that could be raised that is related to or arises during the Board's discussions regarding whether to approve or reject this Consent Order and/or a Board member's participation during this process, through the Board member's review or comments, including but not limited to bias or reliance on evidence outside the administrative record if this matter proceeds to a hearing on a statement of charges resulting in a proposed and/or final decision by the Board and/or a panel of the Board.
17. Respondent consulted with his attorneys prior to signing this Consent Order.
18. The execution of this document has no bearing on any criminal liability without the written consent of the Director of the Medicaid Fraud Control Unit or the State's

Attorney's Office where the allegation occurred or Bureau Chief of the applicable unit in the Chief State's Attorney's Office. The purpose of this Consent Order is to resolve the pending administrative license disciplinary petition only and is not intended to affect any civil or criminal liability or defense.

19. This Consent Order embodies the entire agreement of the parties regarding this petition. All previous communications or agreements concerning the subject matter of this Consent Order, whether oral or written, between the parties are superseded unless expressly incorporated or made a part hereof.

I, Michael Krall, MD, have read the above Consent Order, and I stipulate and agree to the terms as set forth therein. I further declare the execution of this Consent Order to be my free act and deed.

Michael Krall, MD

Subscribed and sworn to before me this 3rd day of March 2022.



Notary Public/Commissioner Superior Court

The above Consent Order having been presented to the duly appointed agent of the Commissioner of the Department of Public Health on the 10th day of March 2022, it is hereby accepted.

Christian D. Andresen, MPH, CPH, Section Chief
Practitioner Licensing and Investigations Section
Healthcare Quality and Safety Branch

The above Consent Order having been presented to the Connecticut Medical Examining Board on the _____ day of _____ 2022, it is hereby ordered and accepted.

Kathryn Emmett, Esq., Chairperson
Connecticut Medical Examining Board