

Primary Care Advisory Council (PCAC) Meeting Agenda

December 8, 2021
10 AM to Adjournment

Meeting Location

This meeting will be held online or by phone. The online and phone meeting details are:

Virtual Zoom Meeting Address Link:

Join Zoom Meeting

<https://us06web.zoom.us/j/7756842204?pwd=M2VOSE9EcWJMNWpJZStHT2VmWm5BUT09>

Meeting ID: 775 684 2204

Passcode: 2021

Dial by your location

- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 669 900 6833 US (San Jose)
- +1 301 715 8592 US (Washington DC)
- +1 312 626 6799 US (Chicago)
- +1 646 876 9923 US (New York)

Meeting ID: 775 684 2204

Passcode: 2021

Find your local number: <https://us06web.zoom.us/u/kbBHqvy5p>

This meeting is recorded per Open Meeting Law requirements. Agenda items may be taken out of order, combined for consideration, and/or removed from the agenda at the Chairperson's discretion. A break may be scheduled at the Chairperson's discretion.

1. Call to order/Roll call – Staff
2. **Possible Action:** Review and consider approval of minutes from the November 10th, 2021, meeting – Chairperson

PUBLIC COMMENT

3. **Possible Action:** Discussion and possible action to make recommendation to the Administrator for the Division of Public and Behavioral Health regarding a J-1 Physician Visa Waiver Letter of Support for Dr. Mohamed Hamam– Skye Moreland, Management Analyst, PCO

PUBLIC COMMENT

4. **Public Comment:** No action may be taken on a matter raised under this item of the agenda

until the matter itself has been specifically included on an agenda as an item upon which action will be taken.

5. Adjournment

NOTICE OF THIS MEETING AGENDA HAS BEEN POSTED AT THE FOLLOWING LOCATIONS:

Nevada Public Notice website: <https://notice.nv.gov>
Division of Public and Behavioral Health (DPBH), Primary Care Office website:
https://dpbh.nv.gov/Boards/PCO/Meetings/2022/Primary_Care_Advisory_Council_FFY2022Meetings/
[DPBH – 4150 Technology Way, Carson City, NV 89706](https://dpbh.nv.gov/Boards/PCO/Meetings/2022/Primary_Care_Advisory_Council_FFY2022Meetings/)

We are pleased to make reasonable accommodations for individuals who wish to attend this meeting. If special arrangements or equipment are necessary, please notify the Nevada Primary Care Office at nvpco@health.nv.gov or in writing, at Division of Public and Behavioral Health, Attn: Primary Care Office, 4150 Technology Way, Suite 300, Carson City, NV 89706 or by calling (775) 684-2204 no less than three (3) business days prior to the meeting.

Inquiries regarding the items scheduled for this Council meeting or if a member of the public would like to request the supporting material for this meeting, please contact Nevada Primary Care Office at nvpco@health.nv.gov or (775) 684-2204.

DRAFTMINUTES
November 10, 2021
10:00AM to Adjournment

TELECONFERENCE:

In accordance with Governor Sisolak's Declaration of Emergency Directive 006; Subsection 1; The requirement contained in NRS 241.023 (1) (b) that there be a physical location designated for meetings of public bodies where members of the public are permitted to attend and participate is suspended.

COUNCIL MEMBERS PRESENT:

Dr. Susan VanBeuge
Gerald Ackerman
Jason Hildebrand
Dr. Capurro
Suellen Bacigalupi (designee)

COUNCIL MEMBERS NOT PRESENT:

Julie Clyde (sent designee)
Cody Phinney
Dr Qureshi
Nancy Bowen

DPBH STAFF PRESENT:

Heather Mitchell, Health Resource Analyst, PCO
Tarryn Emmerich-Choi, Health Resource Analyst, PCO
Skye Moreland, Management Analyst, PCO

OTHERS PRESENT:

1. Roll call and confirmation of quorum.

H. Mitchell read the roll call and stated that there was a quorum present.

2. Approval of minutes:

S. Vanbeuge asked if there were any additions or corrections to the minutes from the April 2, 2021 meeting. No recommendations were made.

First Motion: G. Ackerman moves to pass the approval of minutes

Second Motion: J. Hildebrand seconds

Motion: Passes Unanimously

3. Overview of recent appointments to Primary Care Advisory Council by the Administrator of Public and Behavioral Health, include the renewal of Dr. Susan VanBeuge as a representative of the health profession or community being served, the renewal of Gerald Ackerman as a representative from the Nevada Office of Rural Health within the University of Nevada School of Medicine, the renewal of Julie Clyde as a representative from a federally qualified health center, the appointment of Dr. Antonina

Capurro as a representative of the health profession or community being served, and the appointment of Cody Phinney as a non-voting member

H. Mitchell presented a summary of the changes made to the council. No votes are required.

4. Discussion and possible action to elect the Chair of the Primary Care Advisory Council.

H. Mitchell states that we elect a new Chair every two years and thanks Dr. Qureshi and Dr. Vanbeuge for their outstanding service and dedication. Dr. Vanbeuge asks the Primary Care Advisory Council if they would like to put forward their name, or someone else's name for the position. G. Ackerman asks if Dr. Qureshi and Dr. VanBeuge are no longer able to serve. H. Mitchell states that doing consecutive terms is an available option. G. Ackerman nominates Dr. Qureshi and Dr. VanBeuge to both serve a second term, suggesting either they stay as Dr. Qureshi as Chair and Dr. VanBeuge as Vice Chair, or vice versa. G. Ackerman then recommends S. VanBeuge as Chair. Dr. Vanbeuge gladly accepts the nomination. H. Mitchell states that she will proceed with pulling up a poll for the members to submit their vote on the next Chair. Members then vote online for their nomination, Dr. VanBeuge wins unanimously

Member Comment: Dr. Vanbeuge thanks the council for their vote

5. Discussion and possible action to elect the Vice-Chair of the Primary Care Advisory Council

H. Mitchell states that we elect a new Vice Chair every two years. Asks the Primary Care Advisory Council if they would like to put forward their name, or someone else's name for the position. Dr. Capurro asks if anyone has come forward with interest in holding that position. H. Mitchell states that she has not had anyone come forward with special interest in the position. Dr. VanBeuge asks the council if there is anyone who has interest in the Vice Chair position. G. Ackerman states that he would be willing to serve in the position of Vice Chair but states that it is nice to have their two physicians leading the discussion. Dr. VanBeuge states that she is a nurse practitioner not a physician. G. Ackerman amends that it is nice to have clinicians leading the discussion. Dr. VanBeuge states that she would second his nomination if he was interested in the position. H. Mitchell reminds the council that previous Chairs and Vice Chairs can be re-nominated. H. Mitchell then opens up the poll for members to vote for their nomination. G. Ackerman wins the vote unanimously.

Member Comment: G. Ackerman thanks the council for their vote and states he will do his best. Dr. VanBeuge congratulates G. Ackerman on his nomination as Vice Chair of the PCAC.

6. Recommendation to the Administrator for the Division of Public and Behavioral Health regarding a J-1 Physician Visa Waiver Letter of Support for Dr. Shefali Godara

Tarryn Emmerich-Choi presented summary handout of the completed application. Dr. Capurro states that she is new to the committee and asks if they typically review the HPSA score for the hospital. Dr. VanBeuge states that generally the presentation is what they get to review, and the council can ask any questions. H. Mitchell states that facilities do not have to have a certain HPSA score to participate in the J1 program, they can be in a HPSA or MUAP of any score, and if they are fulfilling a flex slot they just have to demonstrate that there is an underserved population being served at the facility. Dr. Capurro thanks Heather for the application and asks if they are more closely looking at their contract with their employer to better understand what their specialty is, and their qualifications and education is. H. Mitchell states that it is an overview of the J1 physician, the site and the services they provide. H. Mitchell continues to say that other members may be able to elaborate further on what their duties might entail. G. Ackerman states that the committee states a case for the need for the specialty, that they are going to serve those populations, that they have the sliding fee scale. G. Ackerman states that his feelings on this is that they are so short on specialties that unless it looks like there is a huge red flag, once there is a recommendation and

the paperwork has been reviewed by the staff and it has been vetted, he thinks very rarely do they pick apart the application. G. Ackerman continues to say that there are things in the past, like sliding fee scales not making sense, or the population served is weak on the application, they will kick the application back for clarification. If there does not seem to be any red flags, they are okay. S. VanBeuge concurs with G. Ackerman, they look at the application and what kind of population they serve. As this is primary care if they have seen things in the past that are very very specialized and not open for a broad range of patient populations, they would question that a little more and want more clarifying information. Dr. Capurro thanks the council for their information and states that she does not see any issues with application and would make a motion to approve.

Member Comment: None

Public Comment: None

First Motion: Dr. Capurro makes a motion to approve

Second Motion: G. Ackerman seconds

Motion: Passes Unanimously

7. Recommendation to the Administrator for the Division of Public and Behavioral Health regarding a J-1 Physician Visa Waiver Letter of Support for Dr. Kunwardeep Dhillon

Skye Moreland presented summary handout of the completed application.

Member Comment: None

Public Comment: None

First Motion: G. Ackerman makes a motion to approve

Second Motion: Dr. Capurro seconds

Motion: Passes Unanimously

8. Member or Public Comment

G. Ackerman thanks Heather Mitchell for her service in the Primary Care Office and to the PCAC. G. Ackerman wishes her well in her future endeavors. S. VanBeuge thanks Heather as well and mentions that she has appreciated working with her and all the work that she has done. S. VanBeuge also acknowledges Dr. Qureshi's service as the Chair over the years, and thanks him for his knowledge and being a true leader of the years, and for all the work he has done.

9. Adjournment

The meeting adjourned at 10:33 p.m.

Nevada Conrad 30 J-1 Physician Visa Waiver Program Application Attestation

Complete and check all applicable fields, corresponding boxes and enter all required information:

Candidate's Information:

Candidate's Full Name: Mohamed HAMAM
Residency Discipline: Internal Medicine/Emergency Medicine
Residency Timeframe: July 2016 to June 2020
Location of Residency: Henry Ford Hospital, MI

Fellowship(s)/Specialty: Critical Care Medicine
Fellowship(s) Timeframe1: July 2020 to June 2022
Location of Fellowship(s)1: Henry Ford Hospital, MI

Employer's Information:

Employer's Full Name: Eid Nevada Critical Care, PLLC dba United Critical Care
Employer's Address: 6040 S. Fort Apache Rd, Suite 100, Las Vegas, NV 89109

Practice Site #1: Sunrise Hospital and Medical Center
Practice Site #1 Address: 3186 S. Maryland Parkway, Las Vegas, NV 89109
Number of Hours Candidate will practice at site to meet 40 hours per week: 40

Select and input all that apply:

- Practice Site #1 HPSA (#1328484648) Practice Site #1 MUA (#07866) Flex spot
 Federally Qualified Health Center (FQHC) Tribal Health Center
 Rural Health Clinic (RHC) Primary Care Clinic for a Rural Hospital

Practice Site #2*: N/A
Practice Site #2 Address: N/A
Number of Hours Candidate will practice at site to meet 40 hours per week: Number of Hours site#2

Select all that apply:

- Practice Site #2 HPSA (#HPSA#) Practice Site #2 MUA (#MUA#) Flex spot
 Federally Qualified Health Center (FQHC) Tribal Health Center
 Rural Health Clinic (RHC) Primary Care Clinic for a Rural Hospital

More than two additional practice sites: Yes No

If additional practice sites, please copy and add all additional practice locations here or at end of form

Official Legal Representative and Contact Person for Application:

Contact Name: Rachel Bus
Contact Mailing Address: 3080 N. Litchfield Rd Goodyear, AZ 85395
Contact e-mail: rbus@breljelaw.com
Contact telephone: 623-792-1752

Nevada Conrad 30 J-1 Physician Visa Waiver Program Application Attestation

Official Contact Person for Employment Verification and Site Information:

Contact Name: Shawna Murdock
Contact Mailing Address: 6040 S. Fort Apache Rd, Suite 100 Las Vegas NV, 89148
Contact e-mail: smurdock@unitedcriticalcare.com
Contact telephone: 702-476-4900

Employer and Candidate, as identified above, seek a letter of support from the Physician Visa Waiver Program and requests the Division of Public and Behavioral Health to forward the J-1 Visa Waiver application to the U.S. Department of State as a State Health Agency request, per DS-3035. Employer and Candidate have agreed to comply with the duties set forth in Chapter 439A of the Nevada Revised Statutes (NRS) and Nevada Administrative Code (NAC) and to cooperate with the Physician Visa Waiver Program.

Employer and Candidates have provided all necessary information for review of this application by the Primary Care Council including the following:

- Copy of the contract between the Employer and Candidate;
- Copy of the Candidate curriculum vitae and passport pages;
- Letter from Employer: description of the Candidate's qualifications, responsibilities and how this employment will satisfy important unmet health care needs within the designated area;
- Summation tables identifying the breakdown of patient visits billed by payment category;
- Documentation of employer recruitment efforts for US citizens for two months prior to submission of the application, UNLESS the requirement was waived for a rural employer with emergent needs;
- Long-range retention plans which include the following: CME benefit, competitive salary and paid time off.
- Copy of letter from the Nevada State Board of Medical Examiners (NSBME) acknowledging Candidate's application for medical licensure;
- INS Form G-28 OR letter from a law office if the candidate has an attorney OR a statement that the applicant does not have an attorney;
- Copies of all DS-2019's "Certificate of Eligibility for Exchange Visitor (J-1 Visa Waiver) Status" (INS form(s) I-94 for the candidate and any family members; proof of passage of examinations required by Bureau of Criminal Investigation (BCI); transcripts for all 3 sections of *United States Medical Licensing Examinations* (USMLE); and certification from *Educational Commission for Foreign Medical Graduates* (ECFMG).

In signing below, an authorized representative of the Employer and the Candidate declares under penalty of perjury that all statements submitted with this application are true and accurate and this application complies with the requirements of NRS 439A.175 and NAC 439.730 including as follows:

All practices sites where the Candidate will practice:

- Are located in a federally designated Primary Care HPSA, MUA/P or a site approved by the state as a geographic exception or a flex slot (Public Law 108-441) to address the underserved;

Nevada Conrad 30 J-1 Physician Visa Waiver Program Application Attestation

- Accept Medicare, Medicaid assignment and Nevada Checkup;
- Offer a sliding discount fee schedule and a minimum fee based on family size & income; and
- Has a policy stating all patients will receive treatment, regardless of their ability to pay which is either posted at the site or provided to the patients.

The contract between the Employer and the Candidate provides the following (verify and enter missing data):

- Candidate agrees to provide services during 3 -year waiver obligation;
- Candidate will provide services 40 hours per week minimum plus on-call time;
- The salary meets or exceeds the prevailing wage for that area and for physicians of that specialty as reported by the Foreign Labor Certification Center, Department of Labor, (<http://www.flcdatacenter.com>): Prevailing wage (FLC Median wage for Physicians and Surgeons, All Other: \$233,854/ Contracted wage \$375,000 base pay
- The amount of time off for vacation, sick leave and for Continuing Medical Education is included. The employer shall maintain records to show the amount of time-off requested and the amount of time taken.
- Does not contain a "non-compete" clause that would prohibit the J-1 Visa Waiver physician from opening a new clinic or working in a clinic in that shortage area upon completing the three-year commitment;
- Conditions for termination of the contract, for both the physician and employer, are included. A "no-cause" termination is not allowed;
- Liquidated damages (suggested to be under \$50,000) in the event that the physician or employer terminates the contract before three years is included in the contract - Employer \$25,000/Physician \$25,000;
- Agreement to begin employment at the stated practice site within 90 days of receiving a waiver from the United States Citizenship and Immigration Services (USCIS). During the 90 days, the physician must obtain the required licenses from the Nevada State Board of Medical Examiners, the Drug Enforcement Agency, the State Board of Pharmacy, and any other licenses as may be required for the physician to practice medicine in Nevada; and
- A statement that the physician agrees to meet the requirements set forth in section 214(I) of the Immigration and Nationality Act.

Please note in accordance with NRS Chapter 239, all public records, the contents not otherwise declared by law to be confidential, shall be open for inspection or to obtain copies.

Nevada Conrad 30 J-1 Physician Visa Waiver Program Application Attestation

By signing below, I hereby attest that the above requirements have been met and I hereby agree to abide by all the program policies and rules as described in NRS and NAC and as further required under the Rights and Responsibilities located at the Divisions website at: <http://dpbh.nv.gov/Programs/Conrad30/Conrad30-Home/>.

Authorized Employer:

Employer Company/Business Name

Employer Representative Name (First/Last)

Title

Employer Signature

Date

NOTARY PUBLIC:

State of:

County of:

Subscribed and Sworn before me on this _____ day of _____, 20 _____

Notary Signature

My Commission Expires: _____

Candidate/Physician:

MOHAMED HAMAM
Candidate Name (First/Last)

M.D.
Title

[Signature]
Candidate Signature

10/14/2021
Date

NOTARY PUBLIC:-

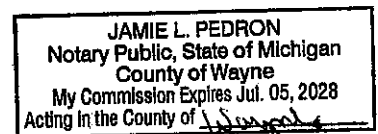
State of: Michigan

County of: Wayne

Subscribed and Sworn before me on this 14 day of October, 20 21

Jamie L. Pedron
Notary Signature

My Commission Expires: July 5, 2028



Nevada Conrad 30 J-1 Physician Visa Waiver Program Application Attestation

By signing below, I hereby attest that the above requirements have been met and I hereby agree to abide by all the program policies and rules as described in NRS and NAC and as further required under the Rights and Responsibilities located at the Divisions website at: <http://dphh.nv.gov/Programs/Conrad30/Conrad30-Home/>.

Authorized Employer:

United critical care

Employer Company/Business Name

Wael Eid

Employer Representative Name (First/Last)

Manager

Title

[Signature]

Employer Signature

10-28-2021

Date

NOTARY PUBLIC:

State of: Nevada

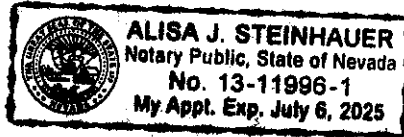
County of: Clark

Subscribed and Sworn before me on this 28th day of October, 2021

[Signature: Alisa J. Steinhauer]

Notary Signature

My Commission Expires: July 06, 2025



Candidate/Physician:

MOHAMED HAMAM

Candidate Name (First/Last)

M.D.

Title

[Signature]

Candidate Signature

10/14/2021

Date

NOTARY PUBLIC:

State of: Michigan

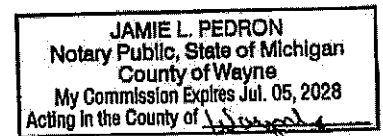
County of: Wayne

Subscribed and Sworn before me on this 14 day of October, 2021

[Signature: Jamie L. Pedron]

Notary Signature

My Commission Expires: July 5, 2028



PRACTICE SITE INFORMATION

Practice Site Name: Sunrise Hospital and Medical Center

Practice Site Addresses: 3189 S. Maryland Parkway, Las Vegas, NV 89109

HPSA Designation Number: 1328484648 (see attached)

MUA/P Designation Number: 07866

Number of hours per week at site: 40 hours per week/160 hours per month

Employer Address: Eid Nevada Critical Care, PLLC dba United Critical
Care
6040 S. Fort Apache Rd, Ste 100
Las Vegas, NV 89148



United Critical Care Financial Policy

It is the policy of *United Critical Care* to provide quality, equal access to care for all patients regardless of their age, gender, race, color, religion, sexual orientation, national origin, or disability.

Providers of *United Critical Care* will see all patients admitted to ICU or MICU without regard to the patient's ability to pay.

Insurance: *United Critical Care* will file insurance for all insurance carriers that the patients may have.

Medicare and Medicaid: All Providers of *United Critical Care* participate in Medicare and Medicaid plans including the HMO Plans associated with Medicare and Medicaid.

No Insurance: Uninsured patients are given the opportunity to express hardship by means of a hardship letter and proof of income. *United Critical Care* utilizes the Federal Poverty Guidelines and uses a sliding scale based on these guidelines.

United Critical Care Sliding Fee Scale/2020

Sliding Fee Scale is based on household size and the Federal Poverty Guidelines as follows:

% of Federal Poverty Guidelines (FPG)	Qualifies for % Discount of Bill
200% or less of FPG	100% write off of bill
250% of FPG	80% discount
300% of FPG	70% discount
350% of FPG	60% discount
400% of FPG	50% discount



October 25, 2021

Nevada Division of Public and Behavioral Health
Primary Care Office
4150 Technology Way, Suite 300
Carson City, NV 89706-2009

RE: Request for Nevada Division of Public and Behavioral Health recommendation of a J-1 Waiver for Dr. Mohamed Hamam

Dear Health Official:

Eid Nevada Critical Care, PLLC dba United Critical Care requests the Nevada Division of Public and Behavioral Health act as an interested government agency and recommend a J-1 waiver for Dr. Hamam, a citizen of Canada and Lebanon.

THE EMPLOYER

Founded in 2010, Eid Nevada Critical Care, PLLC dba United Critical Care is a multi-specialty practice committed to serving the Las Vegas community by providing excellent in-hospital care to patients.

PROPOSED RESPONSIBILITIES

Dr. Hamam will be employed in the position of Critical Care Intensivist.

His duties will be as follows: diagnose and treat critical injuries and/or diseases of human internal organ systems and determine the nature and extent of the injury or disease. Perform work ups and tests to diagnose the illness, injury or disease. Refer to diagnostic images and tests and use medical instruments and equipment to help diagnose and treat the illness, injury or disease. Prescribe medication and recommend dietary and activity programs, as indicated by the diagnosis.

PHYSICIAN'S QUALIFICATIONS

Dr. Hamam is well qualified to fill this position. He received his medical degree from the American University of Beirut in Lebanon in 2014. In 2020, he completed his Emergency Medicine/Internal Medicine Residency at Henry Ford Hospital in Detroit, Michigan. He is currently scheduled to complete his Critical Care Fellowship at Henry Ford Hospital in June 2022. He has applied for medical licensure in the State of Nevada.

THE NEEDS OF THE COMMUNITY

Eid Nevada Critical Care, PLLC dba United Critical Care has offered Dr. Hamam at least three years of employment, and he has agreed to begin working Sunrise Hospital (3186 S. Maryland Parkway, Las Vegas, Nevada 89109) in Clark County, within 90 days of receiving a J-1 waiver. United Critical Care's physicians accept Medicaid/Medicare eligible patients and medically indigent patients.

Sunrise Hospital is located in Census Tract 0019.02 within the Health Professional Shortage Area of Low-Income South Las Vegas Paradise (identifier number 1328484648), and the Medically Underserved Population of Low Income- Paradise Service Area (identifier number 07866).

Nevada Division of Public and Behavioral Health

Dr. HAMAM

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The patient population Dr. Hamam will be treating are residents of Las Vegas and the surrounding areas. According to the U.S. Census Bureau, 14% of the population in Clark County is living below the Federal Poverty Line, and 13% of the population has no health insurance. Dr. Hamam employment with Eid Nevada Critical Care will help the underserved and indigent populations in Las Vegas by increasing access to qualified and affordable healthcare.

CONTACT INFORMATION

Contact information for the work site:

Name of employment site 1:	Sunrise Hospital
Employment site address:	3189 S. Maryland Parkway Las Vegas, NV 89109
Telephone Number:	(702) 476-4900
Fax Number:	(702) 476-4949

Office Hours: Monday through Friday 9:00 am to 5:00 pm

Legal representative and contact person for application:

Name:	Rachel Bus
Phone:	(623) 536-5750
Email:	rbus@brejelaw.com

Contact person for employment verification and site information:

Name:	Shawna Murdock, Office Manager
Phone:	(702) 476-4900
Email address:	smurdock@unitedcriticalcare.com

CONCLUSION

These qualifications demonstrating education and training make Dr. Hamam well suited for a position with Eid Nevada Critical Care, PLLC dba United Critical Care. Employment of Dr. Hamam will serve the unmet needs of individuals in the shortage area, and therefore, we are requesting your recommendation of the enclosed waiver application. Thank you for your assistance in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Wael Eid", is written over a horizontal line.

Wael Eid, MD
Practice Manager
Eid Nevada Critical Care, PLLC dba United Critical Care

CANDIDATE INFORMATION

Full Name: Dr. Mohamed Hamam

Date of Birth:

Place of Birth:

Countries of Citizenship:

DOS Case Number:

Description of Residency Training: Dr. Hamam is currently finishing his Critical Care Fellowship at Henry Ford Hospital in Detroit, Michigan. He started his fellowship program on July 1, 2020 and will complete the program on June 30, 2022. He previously completed his Residency in Emergency Medicine/Internal Medicine at Henry Ford Hospital in Detroit, Michigan.

Proposed Position Responsibilities: As a Critical Care Physician, Dr. Hamam will diagnose and treat critical injuries and/or diseases of human internal organ systems and determine the nature and extent of the injury or disease. Perform work ups and tests to diagnose the illness, injury or disease. Refer to diagnostic images and tests and use medical instruments and equipment to help diagnose and treat the illness, injury or disease. Prescribe medication and recommend dietary and activity programs, as indicated by the diagnosis.

Description of Qualifications: Dr. Hamam is well qualified for this position as he holds a Medical Degree from the American University of Beirut in Lebanon and will soon complete his Critical Care Fellowship in June 2022.

Mohamed Serhan Hamam, MD, MSc

EDUCATION & TRAINING

Critical Care Medicine Fellowship Henry Ford Hospital, Detroit, MI, USA	July 2020 – Present
Chief Resident in Emergency Medicine/Internal Medicine Henry Ford Hospital, Detroit, MI, USA	July 2020 – June 2021
Emergency Medicine/Internal Medicine Residency Henry Ford Hospital, Detroit, MI, USA	June 2016 – June 2020
Master of Science – Chemical and Medical Science Department of Chemistry, University of Toronto, Ontario, Canada	September 2014 – November 2017
Doctor of Medicine American University of Beirut, Lebanon	August 2010 – May 2014
Bachelor of Science, Honors, High Distinction Faculty of Arts and Science, University of Toronto, Ontario, Canada	September 2006 – May 2010

HONORS & AWARDS

Senior Medical Resident of the Month – Henry Ford Hospital	November 2017
People’s Choice Award – RBC Prize for Innovation and Entrepreneurship	March 2017
Dean’s List Award – University of Toronto	June 2010
The Provost Delworth Graduation Scholarship – University of Toronto	June 2010
College Scholar – University of Toronto	June 2010
Trinity College Chancellors Award – University of Toronto	October 2008

ACADEMIC EXPERIENCE

MANUSCRIPTS

Hamam MS, Klausner HA, France J, Tang A, Swor RA, Paxton JH, O’Neil BJ, Brent C, Neumar RW, Dunne RB, Reddi S, Miller JB. Prehospital tibial intraosseous drug administration is associated with reduced survival following out of hospital cardiac arrest: a study for the CARES Surveillance Group. *Resuscitation*. 2021;S0300-9572(21)00241-0 Published online ahead of print 2021 Jul 5. doi: 10.1016/j.resuscitation.2021.06.016

Hamam MS, Bissonette A. Evaluation and management of toxicological causes of delirium. *Curr Emerg Hosp Med Rep*. 2021;9:55-63 Published 2021 May 14. doi: 10.1007/s40138-021-00230-z

Hamam MS, Kunjummen E, Hussain MS, Nasereldin M, Bennett S, Miller J. Anxiety, depression and pain – considerations in the treatment of patients with uncontrolled hypertension. *Curr Hypertens Rep*. 2020;22(12):106. Published 2020 November 10. doi: 10.1007/s11906-020-01117-2. PMID: 33170388

Hamam MS, Klausner H. Situs Inversus: Inferior-Lateral ST-Elevation Myocardial Infarction on Right-Sided Electrocardiogram. *Clin Pract Cases Emerg Med*. 2019;3(3):307-309. Published 2019 July 1. doi:10.5811/cpcem.2019.5.42912.

Hamam MS. Free Radical Scavenging in Health and Disease – a Basic Science Approach in Clinical Scenarios (Master's thesis). University of Toronto. November 2017. (https://tspace.library.utoronto.ca/bitstream/1807/79154/3/Hamam_Mohamed_S_201711_MSc_thesis.pdf)

Nahle I, **Hamam MS**, Masrouha K, Afeiche N, Abdelnoor J. Back Pain: A Puzzle in Children. *J Paediatr Child Health*. 2016;52(8):802-808. Published 2016 August. doi:10.1111/jpc.13291.

REVIEWER FOR INTERNATIONAL JOURNALS

Ad Hoc Reviewer – BMC Emergency Medicine

PATENTS

Hamam MS, Wong S, Luecker P. Butterfly Wound Clamp. United States Provisional Patent. Applicant number: US 62/232,962. Issued: October 2015. Status: Expired.

ABSTRACTS

Emakhu J, Monplaisir L, Aguwa C, Arslanturk S, Masoud S, **Hamam M**, Nassereddine H, Jourdan D, Miller J. Ensemble learning approach to predict non-ST-segment elevation myocardial infarction in patients with clinical concerns for acute coronary syndrome. *American College of Emergency Physicians* (Accepted)

Hamam MS, Srikanth A, Pflaum-Carlson, J. Malposition of a gastroesophageal balloon tamponade precipitating abdominal compartment syndrome. *Crit Care Med*. 2020;48(1):734

Hamam MS, Miller J, France J, Otero R, Swor R, Paxton JH, O'Neil BJ, Brent C, Neumar RW, Dunne R, Klausner HA, Milzman D. Intraosseous drug administration is associated with lower survival in out of hospital cardiac arrest. *Acad Emerg Med*. 2019;26(suppl):S155-S156.

Jaehne AK, Allen S, **Hamam M**, Schoenling A, Gill J, Belanger R, Krupp S, Rivers E. Lactate clearance in patient with sepsis depends on hemoglobin levels. *Crit Care Med*. 2018;46(1):688.

Rezende-Neto J, Leung CH, Semprun C, **Hamam MS**, Rizoli S, Rotstein O. Hydrogen-enriched Lactated Ringer solution enhances endogenous superoxide dismutase activity: protection against damage from reactive oxygen species. *Can J Surg*. 2017;60(3):S33.

Schoenling A, **Hamam M**, Jaehne AK, Calo S, Gill J, Krupp S, Rivers EP. Emergency department triage blood glucose levels: Outcomes implications in patients with severe sepsis and septic shock. *Acad Emerg Med*. 2017;24:S240.

Hamam MS, Qui L, Loo RW, Goh JB, Leung CH, Semprun C, dos Santos EN, Goh MC, Rizoli S, Rotstein O, Rezende-Neto J. Overcoming the challenge of intravenous infusion of hydrogen enriched Lactated Ringer's: a scavenger solution for reactive oxygen species in hemorrhagic shock. *Can J Surg*. 2016;59(3 Suppl 1):S17-S18.

ORAL PRESENTATIONS

Hamam MS. Hypercoagulable states in the ICU. Oral presentation at: Division of Critical Care Medicine, Henry Ford Hospital; March 2021; Detroit, MI, USA.

Hamam MS. Morbidity and Mortality Rounds, November 2020. Oral presentation at: Department of Emergency Medicine Grand Rounds, Henry Ford Hospital; November 2020; Detroit, MI, USA.

Hamam MS. Code Blue. Invited oral presentation at: Department of Internal Medicine, Henry Ford Hospital; October 2020; Detroit, MI, USA.

Hamam MS. Morbidity and Mortality Rounds, October 2020. Oral presentation at: Department of Emergency Medicine Grand Rounds, Henry Ford Hospital; October 2020; Detroit, MI, USA.

Hamam MS. ECMO Morbidity and Mortality Rounds, July 2020. Oral presentation at: Division of Pulmonary and Critical Care Medicine Lecture Series, Henry Ford Hospital; July 2020; Detroit, MI, USA.

Hamam MS, Srikanth A, Pflaum-Carlson, J. Malposition of a gastroesophageal balloon tamponade precipitating abdominal compartment syndrome. Oral presentation at: Society of Critical Care Medicine 2020 Critical Care Congress; February 2020; Orlando, Florida, USA.

Hamam MS, France J, Otero RM, Swor R, Paxton J, O'Neil B, Brent C, Neumar RW, Dunne R, Klausner HA, Miller J. Intraosseous drug administration is associated with lower survival in out of hospital cardiac arrest. Oral presentation at: Society for Academic Emergency Medicine Annual Meeting; May 2019; Las Vegas, NV, USA.

Hamam MS. Troponins, heparin and systemic disease. Oral presentation at: Department of Emergency Medicine Grand Rounds, Henry Ford Hospital; April 2019; Detroit, MI, USA.

Hamam MS. Thyroid storm and adrenal insufficiency. Oral presentation at: Department of Emergency Medicine Grand Rounds, Henry Ford Hospital; May 2018; Detroit, MI, USA.

Hamam MS. CT scan development of Fournier's gangrene. Oral presentation at: Department of Internal Medicine Morning Report, Henry Ford Hospital; November 2017; Detroit, MI, USA.

Hamam MS. Case follow-up: reverse takotsubo secondary to energy drink consumption. Oral presentation at: Department of Emergency Medicine Grand Rounds, Henry Ford Hospital; May 2017; Detroit, MI, USA.

Hamam MS. Hemorrhagic shock resuscitation: a basic science perspective. Oral presentation at: Grand Rounds, Department of Emergency Medicine, American University of Beirut Medical Centre; April 2016; Beirut, Lebanon.

Hamam MS, Wong S. Nymble: Stethoscopes for better healthcare. Oral presentation at: Techno 2015 Pitch Competition, Impact Centre; July 2015; Toronto, Ontario, Canada.

Hamam MS. Management of the trauma patient: thoracic ballistic injuries. Oral presentation at: Emergency Medicine Conference Series, Department of Emergency Medicine, American University of Beirut Medical Centre; September 2013; Beirut, Lebanon.

Hamam MS, Chalhoub J, Fahed A, Jurdy L, Massoud V, Hamam RN. Ocular manifestations in severe familial hypercholesterolemia. Oral presentation at: The Lebanese Medical Students' International Committee, Standing Committee on Research Exchange (LeMSIC SCORE) Research Day, Faculty of Medicine, American University of Beirut; April 2011; Beirut, Lebanon.

POSTER PRESENTATIONS

Jaehne AK, Gill JK, Belanger R, Krupp S, Dobson W, Schlacht S, Cook A, Allen S, **Hamam M**, Schoenling A, Thomas K, Potti C, Jayaprakash N, Rivers EP. *Use of lactate, ScvO₂, and lactate clearance in sepsis to aid assessments for transfusions.* Poster presented at: Henry Ford Annual Research Symposium; May 2019; Detroit, MI, USA.

Schoenling A, **Hamam M**, Jaehne AK, Calo S, Gill J, Krupp S, Rivers EP. Emergency department triage blood glucose levels: outcomes implications in patients with severe sepsis and septic shock. Poster presented at: Society for Academic Emergency Medicine Annual Meeting; February 2016; New Orleans, LA, USA.

Hamam MS, Qui L, Loo RW, Goh JB, Leung CH, Semprun C, dos Santos EN, Goh MC, Rizoli S, Rotstein O, de Rezende-Neto J. Overcoming the challenge of intravenous infusion of hydrogen enriched Lactated Ringer's: a scavenger solution for reactive oxygen species in hemorrhagic shock. Poster presented at: Trauma 2016, Trauma Association of Canada; May 2016; Halifax, Nova Scotia, Canada.

Hamam MS, Qui L, Loo RW, Goh JB, Leung CH, Semprun C, de Rezende-Neto J, Goh MC. Overcoming the challenge of intravenous infusion of hydrogen enriched fluid's: a scavenger solution for reactive oxygen species in hemorrhagic shock. Poster presented at: Chemical Biophysics Symposium; May 2016; Toronto, Ontario, Canada.

Yu K, **Hamam MS**, Goh MC. Exploring the sustained release profile of ampicillin from poly(D,L-lactide-co-glycolide) microspheres. Poster presented at: Department of Chemistry Summer Poster Session, University of Toronto; August 2015; Toronto, Ontario, Canada.

Cicek S, Xu J, Wong S, Fu C, Chan H, Kommu V, **Hamam MS**, Goh MC. Rethinking medical diagnostics: Development of the digital stethoscope. Poster presented at: Department of Chemistry Summer Poster Session, University of Toronto; August 2015; Toronto, Ontario, Canada.

Fu C, Chan H, Kommu V, Xu J, Cicek S, **Hamam MS**, Wong S, Goh MC. Rethinking medical diagnostics: Integrated diagnosis and patient charts. Poster presented at: Department of Chemistry Summer Poster Session, University of Toronto; August 2015; Toronto, Ontario, Canada.

Bou Ghannam A, Chalhoub J, **Hamam MS**, Habib R, Antonios R, Fahed A, Barikian A, Massoud V, Hamam RN. Ocular manifestations of severe familial hypercholesterolemia in Lebanon. Poster presented at: American Academy of Ophthalmology Annual Meeting; October 2014; Chicago, IL, USA.

Hamam MS, Whittington SG. Random copolymer adsorption on a thick surface and the Morita approximation. Poster presented at: Undergraduate Research Day, Department of Chemistry, University of Toronto; April 2016; Toronto, Ontario, Canada.

REPORTS

Hamam MS, Ghantous M, Abilmona N, Seif N, Toukhtarian A, Houhou R, Abdel Massih S, Chalhoub J, Chaya M. Barriers to Financial Coverage of Mental Healthcare in Lebanon. Report: Faculty of Medicine, American University of Beirut; October 2013.

Al Turk A, Chahine G, **Hamam MS**, Mostafa H, Nasser Eldeine R, Rahhal S, Saad H, Yehya A, & Yassin N. Anabolic Androgenic Steroids: A Lebanese Perspective. Report: Faculty of Medicine, American University of Beirut; May 2011.

INNOVATION

Digital stethoscope – Inventor

- Developed a digital stethoscope and corresponding software for teaching and commercial use by medical professionals
- Awarded the People’s Choice Award – RBC Prize for Innovation and Entrepreneurship for the device
- Featured in: McAuley S. After 200 years, bringing the stethoscope into the digital age. <https://www.impactcentre.ca/blog/digital-stethoscope/>. Published October 2016.

Butterfly Wound Clamp – Inventor

- Developed and prototyped a novel wound closure device that does not require anesthesia or sutures to be used in low resource settings
- US Provisional Patent filed October 2015 (US 62/232,962)

TEACHING EXPERIENCE

Code blue simulation lab – educator

Department of Internal Medicine, Henry Ford Hospital, Detroit, Michigan

November 2020 – Present

Ultrasound guided peripheral IV insertion – simulation lab

Department of Internal Medicine, Henry Ford Hospital, Detroit, Michigan

October 2020

Emergency medicine student clinical education

Department of Emergency Medicine, Henry Ford Hospital, Detroit, Michigan

July 2018 – Present

Internal medicine student clinical education July 2017 – Present
 Department of Internal Medicine, Henry Ford Hospital, Detroit, Michigan

Department of Chemistry Teaching Assistant September 2015 – May 2016
 Department of Chemistry, University of Toronto, Toronto, Ontario

COMMITTEES

Bedside Procedures Subcommittee August 2020 – Present
 Henry Ford Hospital, Detroit, MI, USA

Resuscitation Advisory Council August 2020 – Present
 Henry Ford Hospital, Detroit, MI, USA

Department of Emergency Medicine Quality Assurance Committee August 2019 – Present
 Henry Ford Hospital, Detroit, MI, USA

LICENSURE & CERTIFICATIONS

Pediatric Advanced Life Support – American Heart Association July 2020

Advanced Cardiac Life Support – American Heart Association June 2020

Basic Life Support – American Heart Association June 2020

National Institute of Health Stroke Scale Training and Certification July 2017

Fundamental Critical Care Support Certificate – Society of Critical Care Medicine May 2017

Advanced Trauma Life Support – American College of Surgeons February 2017

State of Michigan Board of Medicine Physicians Educational Limited License May 2016
 No. 4301109458

State of Michigan Board of Pharmacy Controlled Substance License May 2016
 No. 5315075433

Educational Commission for Foreign Medical Graduates Certification December 2015
 No. 09337122

Complete the table below to document the number and percent of patient visits billed for each category of payment for a twelve-month period (e.g. Dec. 1, 2018 – Nov. 30, 2018), prior to submission of the application. This data should be specific to the practice and the facility in which the doctor works. If you are applying as a specialist to work in a hospital and an outpatient clinic, please complete the table for both inpatient and outpatient clients. Although there is no minimum value required for the percentage of patient visits for the underserved, if the sum percentage of Medicare, Medicaid, NV Check-up, Sliding Fee Scale and Indigent/Charity visits is less than 25%, include a written justification that outlines how the site makes services available to underserved populations.

Time period of report:		
	Total # of visits for 12 months	% of visits per 12 months
Medicare visits	14155	32%
Medicaid visits	10677	24%
NV Check-up	0	
Sliding Fee Scale	0	
Indigent/Charity	3285	7%
Other - Not listed above	16495	37%
Totals	44612	100%
*For specialists/hospitalists:		
	*Time period of report: 09/01/2020 - 08/31/2021	
*# of hospital/medical facility admissions for 6 months for the applicant specialty type (03/01/2021 - 08/31/2021)	822	

SLIDING FEE SCALE WOULD APPLY TO SELF PAY PATIENTS