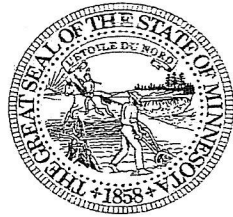


STATE OF MINNESOTA



MARK DAYTON
GOVERNOR

NOTICE OF APPOINTMENT

Dr. Aaron Burnett

640 Jackson Street, Mail Stop 13801B
St. Paul, MN 55101
County of Ramsey
Congressional District 4

Because of the special trust and confidence I have in your integrity, judgment, and ability, I have appointed and commissioned you to have and to hold the office of:

EMERGENCY ROOM PHYSICIAN

EMERGENCY MEDICAL SERVICES REGULATORY BOARD

Effective: June 27, 2016
Term Expires: January 6, 2020

This appointment carries with it all rights, powers, duties, and emoluments granted by law and pertaining to this position until this appointment is superseded or annulled by me or other lawful authority or by any law of this State.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Minnesota to be affixed at the Veterans Service Building in the City of Saint Paul, June 22, 2016.



Mark Dayton

Governor

Steve Pinn

Secretary of State

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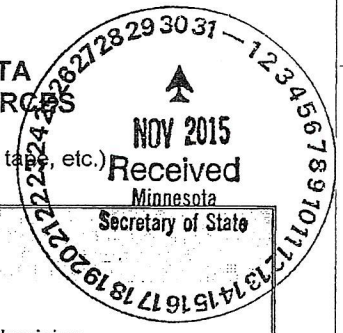
JUN 23 2016

Reappointment

President of the Senate

**OPEN APPOINTMENTS APPLICATION FOR SERVICE ON MINNESOTA
STATE AGENCIES, BOARDS, COUNCILS, COMMISSIONS OR TASK FORCES**

All information on this form is available to the public upon request.
By request, this application will be made available in alternative format (Braille, large print, audio tape, etc.)



Part I: Position Sought

Required Information (MN Stat § 15.0597 Subd. 5.)

Agency Name: MN EMS Regulatory Board **Position:** Emergency Medicine Physician
Name of board, council, commission or task force Membership position sought or enter "member"

Part II: Applicant Information

Required Information (MN Stat § 15.0597 Subd. 5.)

Name: Aaron Burnett **Phone:** (315) 395 - 4662
First Last

Mailing Address: 640 Jackson Street, Mail Stop 13801B
Saint Paul MN 55101
City State ZIP Code

Email: Aaron.M.Burnett@HealthPartners.Com
County: Ramsey

MN House of Rep Dist: 65A **US House of Rep Dist:** 4
 Find your districts by using the Poll Finder at:
<http://pollfinder.sos.state.mn.us/>

Have you ever been convicted of a felony: Yes No
Did the Appointing Authority suggest you submit your application? Yes No

Attach a cover letter, resume or other information that you feel would be helpful to the Appointing Authority.

Part III: Optional Statistical Information

The following information is optional and voluntary (MN Stat § 15.0597 Subd. 5).
 Information is collected for, and compiled in, the annual report on the open appointments process pursuant to MN Stat § 15.0597 Subd. 7.

Gender: Female Male
Age: _____
Disability: Yes No
Political Party: Democratic-Farmer-Labor
 Independence
 Republican
 No Party Preference
 Other _____
Hispanic, Latino or Spanish origin: Yes No
Race: African American or Black White or Caucasian
(Check as many as apply) American Indian or Alaska Native Other Race _____
 Asian or Pacific Islander

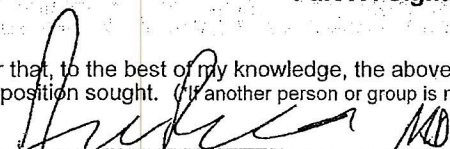
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Part IV: Signature and Submittal Instructions

President of the Senate

I swear that, to the best of my knowledge, the above information is correct and that I satisfy all legally prescribed qualifications for the position sought. (If another person or group is nominating the applicant, the applicant's signature indicates consent to nomination.)


 Applicant Signature

11/24/2015
 (Date)

Mail or Submit In Person:
 Office of Secretary of State
 Open Appointments
 180 State Office Building
 100 Rev Dr Martin Luther
 King Jr Blvd
 St. Paul, MN 55155-1299

Phone: (651) 297-5845
Email: open.appointments@state.mn.us
Online application:
<http://www.sos.state.mn.us/index.aspx?page=5>

Applicants will not receive an acknowledgement of submitted applications; the appointing authority will notify you if an interview is desired.

FOR OFFICE USE:
 Sub by AA: _____
 AA: DEC 02 2015
 Trans Date: _____
 Rev.04-2014

Emergency Medical Services
Mail Stop: 13801B
680 Hale Avenue North, Suite 230
Oakdale, MN 55128
651-254-7780
651-778-3778 Fax
regionsems.com



November 17, 2015

Governor Dayton,

I am writing to express my interest in applying for the Emergency Medicine physician vacancy on the Minnesota Emergency Medical Services Regulatory Board (EMSRB). I currently serve as the Emergency Medicine Physician on the EMSRB and I wish to continue in this role. I have been selected by the board as the state EMS medical director for Minnesota. I was also selected by the EMSRB to represent the board on the State Trauma Advisory Committee. These are great honors and I take my responsibility to the citizens of our state very seriously.

My desire to serve on the EMSRB stems from my belief that inherent in citizenship is a duty to volunteer ones expertise to their community. As an Emergency Medicine Physician and EMS medical director I believe the EMSRB offers the best avenue for me to make a positive impact on the prehospital medical care provided to the citizens of Minnesota. I wish to continue my service as I believe we are making significant progress at the EMSRB on many fronts including refining the educational requirements for EMS professionals and I believe my continued involvement will help to advance the quality of prehospital medical care in Minnesota.

I practice Emergency Medicine at Regions Hospital in St. Paul as well as Lakeview Hospital in Stillwater. This gives me the perspective of both an urban Level 1 Trauma Center and a suburban community hospital. I am board certified in both Emergency Medicine and Emergency Medical Services (EMS) by the American Board of Emergency Medicine. I serve as an EMS medical director for several agencies including Cottage Grove, Woodbury, the St. Paul Fire Department and Inver Hills Community College. At the University of Minnesota I am currently an Assistant Professor of Emergency Medicine. At the Minnesota Department of Health I serve as the Medical Director for the Minnesota Mobile Medical team. My resume is attached and I am proud of my research contributions on topics including cardiac arrest, paramedic education and prehospital sedation.

My wife Allison and I have three young children and I want to do my part to ensure that the Minnesota they inherit continues to have a state of the art EMS system. Minnesota currently leads the nation in several metrics considered best practice for EMS and I pledge to ensure that the prehospital medical care systems regulated by the EMSRB are medically sound and available to all Minnesotans.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron Burnett, M.D.", with a stylized flourish at the end.

Aaron Burnett, M.D., FACEP
Emergency Physician-EMSRB
MN State EMS Medical Director

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President of the Senate

Curriculum Vitae Aaron Burnett, M.D.

Address:

Regions Hospital
Department of Emergency Medical Services
640 Jackson Street
Mail Stop 13801B
St. Paul, MN 55101
Office: 651-254-7781
Fax: 651-778-3778
Aaron.M.Burnett@HealthPartners.com

Education:

B.A.	Earth Sciences <i>Magna Cum Laude</i> Boston University Boston, Massachusetts	2003
M.D.	SUNY-Upstate Medical College Syracuse, New York	2007
Residency	Emergency Medicine Regions Hospital Saint Paul, Minnesota	2010
Fellowship	Prehospital Medicine & EMS Regions Hospital EMS Saint Paul, Minnesota	2011

Licensure:

Minnesota Medical License	2010-Present
Wisconsin Medical License	2010-Present
Minnesota DEA Registration	2010-Present
Wisconsin DEA Registration	2010-Present

Certifications:

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American Board of Emergency Medicine-Emergency Medical Services	2014-Present
Fellow American College of Emergency Physicians	2014-Present
Advanced Hazmat Life Support	2012-Present
Fellow American Academy of Emergency Medicine	2011-Present
American Board of Emergency Medicine-Emergency Medicine	2011-Present
Advanced Trauma Life Support Instructor	2011-Present
Advanced Cardiac Life Support	2007-Present
Pediatric Advanced Life Support	2007-Present

Academic Appointments:

Assistant Professor Department of Emergency Medicine University of Minnesota School of Medicine	2011-Present
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Academic Administrative Appointments:

Fellowship Director Emergency Medical Services Fellowship Regions Hospital EMS	2015-Present
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Assistant Fellowship Director Emergency Medical Services Fellowship Regions Hospital EMS	2011-2014
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- Our EMS fellowship was accredited by the Accreditation Council for Graduate Medical Education (ACGME) in 2012, which was the first round of accreditation for EMS fellowships ever. Regions Hospital EMS was the first ACGME accredited EMS fellowship in the state of Minnesota.

Chief Resident, Emergency Medicine Regions Hospital Emergency Medicine Residency	2009-2010
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Administrative Appointments:

Chief Medical Officer 2015-Present
Central Minnesota Mobile Medical Team
Minnesota Department of Health
Saint Paul, Minnesota

Medical Director 2015-Present
City of Woodbury Public Safety-Police, Fire and EMS
Woodbury, Minnesota

Medical Director 2015-Present
St. Croix County Emergency Communications Center
Public Safety Answering Point for St. Croix County, Wisconsin
St. Croix County, Wisconsin

Medical Director 2013-Present
St. Croix County Sheriff's Department Emergency Response Unit
St. Croix County, Wisconsin

Medical Director 2012-Present
City of Cottage Grove Public Safety-Police, Fire and EMS
Cottage Grove, Minnesota

Medical Director 2012-Present
St. Croix EMS and Rescue
Hudson, Wisconsin

Chief Medical Officer 2012-Present
Minnesota Metro Mobile Medical Team
Minnesota Department of Health
Saint Paul, Minnesota

Medical Director 2011-Present
Inver Hills Community College
Emergency Medical Services Education
Inver Grove Heights, Minnesota

Assistant Medical Director 2011-Present
Regions Hospital EMS
Saint Paul, Minnesota

- Minnesota services under Regions EMS medical direction:
Afton Alps Ski Patrol, Hugo Fire Department, Lakeview EMS, Lower St. Croix Fire
Department, Mahtomedi Fire Department, Marine on St. Croix Fire Department,

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Oakdale Fire Department, St. Paul Fire Department, White Bear Lake Fire Department

- Western Wisconsin services under Regions EMS medical direction:
Balsam Lake Fire Department, Dressler-Osceola-Garfield Fire Department,
Northland Municipal Ambulance, Saint Joseph's Fire Department, St. Croix Falls
Fire Department, Somerset Fire Department

Clinical/Hospital Appointments:

Emergency Medicine Physician 2010–Present
HealthPartners Medical Group
Department of Emergency Medicine

- Credentialed Hospitals:
Regions Hospital, St. Paul, Minnesota
Lakeview Hospital, Stillwater, Minnesota
Hudson Hospital, Hudson, Wisconsin
Westfields Hospital, New Richmond, Wisconsin
St. Croix Regional Medical Center, St. Croix Falls, Wisconsin

Memberships and Offices in Professional Organizations:

American College of Emergency Physicians-Fellow 2014-Present
American Academy of Emergency Medicine-Fellow 2011-Present
National Association of EMS Physicians-Member 2010-Present

- Council of EMS Fellowship Directors Committee

Society for Academic Emergency Medicine-Member 2007-Present
Emergency Medicine Residents Association-Member 2007-2010
East Metro Medical Society 2007-2010

- Board of Directors 2009-2010

Honors and Awards:

International Association of Firefighters Special Citation 2015

- Presented by the St. Paul Fire Department Union Local 21 "...in grateful recognition of your friendly co-operation, loyalty and service to the St. Paul Fire Department."

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- Saint Paul Fire Chief Special Commendation 2014
- “On behalf of the City of St. Paul, we thank you for your outstanding generosity and leadership in supplying LUCAS automated CPR devices to all 13 Saint Paul Fire Department paramedic ambulances. You championed the cause to close a deadly technology gap for the Fire Department, which will help us provide superior care to patients in cardiac arrest.”
- Saint Paul Police Chief’s Award 2013
- Presented by St. Paul Police Chief, Tom Smith “...in recognition of exceptional actions or activities taken on behalf of the Department and City of Saint Paul.”
- Physio-Control National Association of EMS Physicians Scholarship 2011
- Resident Excellence in EMS Award presented by Regions Hospital EMS 2010
- “Presented in recognition of outstanding achievement in Emergency Medical Services.”
- Medical Student Excellence in Emergency Medicine Award 2007
- Presented by the Emergency Medicine Faculty at Upstate Medical University on behalf of the Society for Academic Emergency Medicine.

Research and Scholarship:

Scientific Activities:

- Peer Reviewer for *Am J Emerg Med*. Impact Factor 1.152, 2 Papers Reviewed. 2015-Present
- Peer Reviewer for *Resuscitation*. Impact Factor 4.297, 6 Papers Reviewed. 2011-Present
- Peer Reviewer, National Association of EMS Physicians Annual Meeting 2013
- Peer reviewer for abstracts under consideration for presentation at the annual meeting
- Monthly Contributor, Prehospital Care Research Forum Podcast 2010-2013
- David Geffen School of Medicine at UCLA. <https://www.fisdap.net/content/podcasts/pcrf>

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Grant Support and Contracts:

External Sources:

A. Principal Investigator or Program Director:

Current Projects:

1. Project Medical Director 2015-2017
Sponsor: Medtronic
Healthrise US Grant
Amount Awarded: \$600,000
4% Effort

2. Site Principal Investigator 2014-Present
Sponsor: AstraZenca
Acute Stroke or Transient Ischemic Attack treated with Aspirin or Ticagrelor and Patient Outcomes (SOCRATES Study)
Amount Awarded: \$43,523 (as of 7/16/14)
ClinicalTrials.gov #NCT01994720
2% Effort

3. Site Principal Investigator 2014-Present
Principal Investigator: S. Claiborne Johnston, MD, PhD (University of California, San Francisco)
Source: NIH 1U01 NS062835 and UL1 RR024131
Platelet-Oriented Inhibition in new TIA and Minor Ischemic Stroke (POINT Trial)
Amount Awarded: \$43,523 (as of 7/16/14)
ClinicalTrials.gov #NCT01994720
2% Effort

4. Chief Medical Officer 2012-2015
Minnesota Metro Mobile Medical Team
Source: Minnesota Department of Health, Office of Emergency Preparedness
Amount Awarded: \$25,000 (2012: \$7,500, 2013: \$8,750, 2014: \$8,750, 2015: pending)
5% Effort

Past Projects

1. Primary Investigator 2012-2013
Source: Metropolitan Emergency Services Board, Minneapolis Minnesota
Prehospital use of Video Laryngoscopes by Paramedics

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Amount Awarded: \$52,521
2% Effort

B. Co-Investigator

Current Projects:

1. Site Co-Investigator 2014-Present
Principal Investigator: Susanne May, PhD (University of Washington)
Source: National Heart Lung and Blood Institute, United States Army Medical Research and Material Command
Prehospital Tranexamic Acid Use for Traumatic Brain Injury
Amount Awarded: \$128,000
ClinicalTrials.gov # NCT01990768
1% Effort

2. Co-Investigator 2014-2015
Primary Investigator: Ralph J. Frascone, M.D. (Regions Hospital EMS)
Source: Vidacare, Inc.
Intraosseous Pressure Monitoring in Surgical Intensive Care Unit Patients
Amount Awarded: \$82,000
3% Effort

3. Co-Investigator 2014-2015
Primary Investigator: Ralph J. Frascone, M.D. (Regions Hospital EMS)
Source: Metropolitan Emergency Services Board, Minneapolis, Minnesota
Intraosseous Pressure Monitoring in Prehospital Cardiac Arrest Patients
Amount Awarded: \$60,000
1% Effort

4. Co-Investigator 2014-2015
Primary Investigator: Ralph J. Frascone, M.D. (Regions Hospital EMS)
Source: Metropolitan Emergency Service Board, Minneapolis, Minnesota
Bispectral Index as a Proxy for Cerebral Perfusion during Prehospital CPR
Amount Awarded: \$30,000
2% Effort

5. Co-Investigator 2014-2015
Primary Investigator: Ralph J. Frascone, M.D. (Regions Hospital EMS)
Source: Covidien, LP. Boulder, Colorado
Bispectral Index as a Proxy for Cerebral Perfusion during Prehospital CPR

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Amount Awarded: \$60,000
1% Effort

Internal Sources:

A. Principal Investigator or Program Director:

Current Projects:

1. Principal Investigator 2015
Source: Regions Hospital Research Education and Development Fund
Reducing CHF Readmissions Through the Use of a Community Paramedic
Amount Awarded: \$40,432
2% Effort
2. Principal Investigator 2012-2015
Source: HealthPartners Institute for Education and Research (#12-158)
Sub-Dissociative Ketamine for the Management of Acute Pediatric Pain
Amount Awarded: \$25,000
ClinicalTrials.gov #NCT01994720
3% Effort

Past:

1. Principal Investigator 2008-2009
Source: HealthPartners Institute for Education and Research
Laboratory Confirmed Gonorrhea and/or Chlamydia in Emergency Department
Patients Clinically Diagnosed with Pelvic Inflammatory Disease or Cervicitis
Amount Awarded: \$2000
5% Effort
2. Principal Investigator 2007-2008
Source: HealthPartners Institute for Education and Research
An Analysis of Required Medical School Emergency Medicine Clerkships and
Their Impacts on Residency Application Rates
Amount Awarded: \$2000
5% Effort

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B. Co-Investigator

Current Projects:

1. Co-Investigator 2014-2015

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Primary Investigator: Joshua Salzman, (Regions Hospital Critical Care Research Center)
 Source: HealthPartners Institute for Education and Research
 Intraosseous Pressure Monitoring in Healthy Volunteers
 Amount Awarded: \$60,000
 2% Effort

Past Projects:

1. Co-Investigator 2013
 Primary Investigator: Katherine Glasrud M.D., (Regions Hospital Emergency Medicine Resident)
 Source: HealthPartners Institute for Education and Research-Resident Research Grant
 Prehospital Ketamine: Administered Dose and Intubation Rate
 Amount Awarded: \$2,000
 1% Effort

2. Co-Investigator 2013
 Primary Investigator: Anna DePompolo M.D., (Regions Hospital Pediatric Emergency Medicine Fellow)
 Source: HealthPartners Institute for Education and Research-Resident Research Grant
 Implementation of a Pediatric Prehospital Pain Management Protocol
 Amount Awarded: \$2,000
 1% Effort

3. Co-Investigator 2012
 Primary Investigator: Kyle Holloway M.D., (Regions Hospital Emergency Medicine Resident)
 Source: HealthPartners Institute for Education and Research-Resident Research Grant
 Etomidate Shortage and its Effects on Physician Prescribing Practices
 Amount Awarded: \$2,000
 1% Effort

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Publications:

Impact Analytics: Data obtained from Google Scholar on October 7, 2015

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<i>h</i> -Index	<i>h</i> (<i>ff</i>)-Index	Total Publications	First/Last Author Publications	Total Citations	First/Last Author Citations

8	N/A	16	12	145	109
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Peer Reviewed Manuscript Publications:

1. **Burnett A**, Panchal D, Peterson B, Ernest E, Griffith K, Frascone RJ, Engebretsen K. The Administration of Prehospital Ketamine for Chemical Restraint does not Prolong On-Scene Times Compared to Haloperidol Based Sedation. *Australasian Journal of Paramedicine*. 2015;12(1):1-6.
 - Impact Factor: 0.0
 - Citations: 1
 - As primary author, I was involved in all aspects of the project including study design, data acquisition, analysis and interpretation, manuscript preparation and review.
2. **Burnett A**, Peterson B, Stellpflug S, Engebretsen K, Glasrud K, Frascone RJ. The Association between Ketamine Given for Prehospital Chemical Restraint with Intubation and Hospital Admission. *Am J Emerg Med*. 2015;33:76-79.
 - Impact Factor: 1.152
 - Citations: 4
 - As primary author, I was involved in all aspects of the project including study design, data acquisition, analysis and interpretation, manuscript preparation and review.
3. **Burnett A**, Frascone RJ, Wewerka S, Kealey S, Evens Z, Griffith K, Salzman J. Comparison of Success Rates between Two Video Laryngoscope Systems Used in a Prehospital Clinical Trial. *Prehosp Emerg Care*. 2014;18(2):231-238.
 - Impact Factor: 1.806
 - Citations: 6
 - As primary author, I was involved in all aspects of the project including study design, data acquisition, analysis and interpretation, manuscript preparation and review.
4. Frascone RJ, Salzman J, Ernest E, **Burnett A**. Use of an Intraosseous Device for Invasive Pressure Monitoring in the Emergency Department. *Am J Emerg Med*. 2014 Jun;32(6):692.e3-692.e4
 - Impact Factor: 1.152
 - Citations: 4
 - As mentor for this project, I was involved in study design, data interpretation, and manuscript review.

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5. Westgard B, Peterson B, Salzman J, Anderson R, Buldra M, **Burnett A**. Longitudinal and Regional Trends in Paramedic Student Exposure to Human Live Tissue Advanced Airway Placement: 2001-2011. *Prehosp Emerg Care*. 2013;17:1-6.
 - Impact Factor: 1.806
 - Citations: 2
 - As mentor for this project, I was involved in study design, data interpretation, and manuscript review.
6. Nelson J, Wewerka S, Woster C, **Burnett A**, Salzman J, Frascone RJ. Evaluation of the Storz CMAC®, Glidescope® GVL, Airtraq®, King LTS-DT, and Direct Laryngoscopy in a Simulated Difficult Airway. *Am J of Emerg Med*. 2013;31(3):589-592.
 - Impact Factor: 1.152
 - Citations: 4
 - As co-author for this project, I was involved in data collection, data analysis and manuscript review.
7. Dean B, Stellpflug S, **Burnett A**, Engbretsen K. 2C or Not 2C Phenethylamine Designer Drug Review. *J. Med Tox*. 2013;9(2):172-178.
 - Impact Factor: 1.823
 - Citations: 30
 - As co-author for this review article, I participated in literature review, manuscript preparation and review.
8. Frascone RJ, Wewerka S, **Burnett A**, Griffith K, Salzman J. Supraglottic Airway Device use as a Primary Airway During Rapid Sequence Intubation. *Air Medical Journal*. 2013;32(2): 93-97.
 - Source Normalized Impact per Paper (SNIP): 0.262
 - Citations: 2
 - As co-author on this project, I participated in data analysis, manuscript preparation and review.
9. **Burnett A**, Wesley K, Page D, Washick M. In Reponse to: Prehospital Intubation is Associated with Increased Mortality after Traumatic Brain Injury. *Journal of Surgical Research*. 2013;(179):183-184.
 - Impact factor 2.121
 - Citations: 0
 - I was the primary author and writer on this letter to the editor.
10. **Burnett A**, Salzman J, Griffith K, Kroeger B, Frascone RJ. The Emergency Department Experience with Pre-Hospital Ketamine: A Case Series of 13 Patients. *Prehosp Emerg Care*. 2012;16:1-7.
 - Impact factor 1.806
 - Citations: 23

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- As primary author, I was involved in all aspects of the project including study design, data acquisition, analysis and interpretation, manuscript preparation and review.
11. **Burnett A**, Segal N, Salzman J, McKnite M, Frascone RJ. Potential Negative Effects of Epinephrine on Carotid Blood Flow and ETCO₂ during Active Compression-Decompression CPR Utilizing an Impedance Threshold Device. *Resuscitation*. 2012;83:1021-2024.
- Impact factor: 3.960
 - Citations: 16
 - As primary author, I was involved in all aspects of the project including study design, data acquisition, analysis and interpretation, manuscript preparation and review.
12. **Burnett A**, Watters B, Barringer K, Griffith K, Frascone RJ. Laryngospasm and Hypoxia after Intramuscular Administration of Ketamine to a Patient in Excited Delirium. *Prehosp Emerg Care*. 2012;16:412-414.
- Impact factor 1.806
 - Citations: 13
 - As primary author, I was involved in all aspects of the project including study design, data acquisition, analysis and interpretation, manuscript preparation and review.
13. **Burnett A**, Anderson C, Zwank M. Laboratory Confirmed Gonorrhea and or Chlamydia Rates in Clinically Diagnosed PID and Cervicits. *Am J of Emerg Med*. 2012;7:1114-1117.
- Impact factor 1.152
 - Citations: 8
 - As primary author, I was involved in all aspects of the project including study design, data acquisition, analysis and interpretation, manuscript preparation and review. I was a resident physician at the time of data collection.
14. **Burnett A**, Carney D, Mukhopadhyay S, Scalzetti E, Leino D, Souid A. Thyroid Involvement with Langerhans Cell Histiocytosis in a 3-year-old Male. *Pediatric Blood & Cancer*. 2008;50(3):726-272.
- Impact factor 2.56
 - Citations: 13
 - As primary author for this case report, I preformed manuscript preparation and review.
15. **Burnett A**, Domachowske J. Therapeutic Considerations for Children with Invasive Group A Streptococcal Infections: A Case Series Report and Review of the Literature. *Clinical Pediatrics*. 2007;46:550-555.
- Impact factor: 1.261
 - Citations: 11

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- As primary author for this case series and literature review, I performed data collection, abstraction, literature review and manuscript preparation.

16. Kurtz A, Brabander D, Shailer M, **Burnett A**. Dendrochemical Record of Historical Pb Contamination Sources, Wells G&H Superfund site, Woburn, Massachusetts, *Journal of Environmental Quality*. 2007;36:1488-1494

- Impact factor: 2.345
- Citations: 8
- As anchor author for this project I conceived the project, participated in data collection and analysis.

Non-Peer Reviewed Publications

1. Roach B, Echols K, **Burnett A**. Excited Delirium and the Dual Response: Preventing In-Custody Deaths. *FBI Law Enforcement Bulletin*. July 2014.
<http://leb.fbi.gov/2014/july/excited-delirium-and-the-dual-response-preventing-in-custody-deaths>
 - Drs. Roach and Echols were Emergency Medicine residents who I mentored on this project. The *FBI Law Enforcement Bulletin* is read by over 200,000 law enforcement professionals per month.
2. **Burnett A**. Emergency Medical Services: The Newest Board Certified Physician Subspecialty. *MetroDoctors: The Journal of the Twin Cities Medical Society*. May/June 2014:15-16. http://issuu.com/metrodoctors/docs/may_june_2014
3. Ernest E, **Burnett A**, Frascone RJ. High index of suspicion: Recognizing and Managing Traumatic Neck Injuries. *Journal of Emergency Medical Services*. April 2014: 50-54.
<http://www.jems.com/article/patient-care/recognizing-and-managing-traumatic-neck>
 - Dr. Ernest was an EMS fellow at the time of this publication.
4. Roach B and **Burnett A**. ACD+ITD: What it Means for Cardiac Arrest Patients. Clinical Article. Kansas EMS Association (KEMSA) Quarterly Newsletter. Spring 2013.
<http://www.kemsa.org/chronicle-magazine>
 - Dr. Roach was an Emergency Medicine resident who I mentored on this project.
5. Echols K, Roach B, **Burnett A**. Excited Delirium: The Prehospital Perspective. Clinical Article. Kansas EMS Association (KEMSA) Quarterly Newsletter. Winter 2012.
<http://www.kemsa.org/chronicle-magazine>
 - Drs. Roach and Echols were Emergency Medicine residents who I mentored on this project.
6. **Burnett A**, Page D. Unveiling the Condition: Use Differential Diagnosis to Rule out Causes. *Journal of Emergency Medical Services*. March 2012;82-89.
<http://www.jems.com/article/patient-care/ems-providers-use-differential-diagnoses>

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Presentations:

Invited Oral Presentations at National Professional Meetings

1. **Burnett A**, Salzman J. Partnering with Fire Based Emergency Services to Reduce Hospital Utilization. Institute for Healthcare Improvement Annual Conference. Session L26. Orlando, Florida. December 7, 2014.
 - I lead a 4 hour workshop on the implementation of Community Paramedicine (CP) in Minnesota with a focus on the legislative and educational foundations of CP.

Invited Oral Presentations at Local and Regional Professional Meetings

1. **Burnett A**, Frascone RJ, Bruen C. Society for Academic Emergency Medicine Great Plains Conference. Minneapolis, Minnesota. September 19, 2015.
2. **Burnett A**. Interfacility Transfers. HealthPartners Trauma Education: The Next Generation Conference. Saint Paul, Minnesota. September 17, 2015. <http://www.tetng.org/#sec-8>
3. **Burnett A**. Field Amputations: Indications, Challenges and Techniques. HealthPartners Trauma Education: The Next Generation Conference. Saint Paul, Minnesota. September 5, 2013. <http://www.youtube.com/watch?v=9ZOF5IOUSe0>
4. **Burnett A**. Hyperventilation in CPR: A Medical Examiners Case. Minnesota EMS Medical Directors Annual Meeting. Alexandria, Minnesota. September 14, 2013.
5. **Burnett A**. Mobile Medical Teams and Disaster Preparedness. Emergency Medicine and Trauma Update: Beyond the Golden Hour. Saint Paul, Minnesota. November 2012.
6. **Burnett A**. Patients Requiring Extrication by Stretcher Capable All Terrain Vehicles (ATV's) from the Course of the Warrior Dash. Minnesota EMS Medical Directors Annual Conference. Alexandria, Minnesota. September 9, 2012.
7. **Burnett A**. Pain Management in Acute Trauma. Wisconsin West Central Regional Trauma Advisory Committee Conference. New Richmond, Wisconsin. April 28, 2012.
8. **Burnett A**. Chempack Distribution during Nerve Agent Attacks. East Metro Public Safety and Information Sharing Group: Federal, State and Local Law Enforcement (FBI, Secret Service, US Army, Coast Guard, Sheriffs, Local Police). Little Canada, Minnesota. March 21, 2012.
9. **Burnett A**. Lessons Learned from the 2010 Dakota County Anhydrous Ammonia Mass Casualty Incident. Emergency Medicine and Trauma Update: Beyond the Golden Hour. Bloomington, Minnesota. November 17, 2011.

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10. **Burnett A.** Heads and Feet and Cords, Oh My: Managing Obstetrical Emergencies. Life Link III Trauma Tactics Conference. Treasure Island Resort and Casino. Red Wing, Minnesota. October 14, 2011.
11. **Burnett A.** The Anatomy of an Ammonia Spill. Regions Hospital Department of Emergency Medicine Grand Rounds. Saint Paul, Minnesota. April 28, 2011.

Peer Reviewed Oral Presentations at Professional Meetings, Conferences, etc.

1. **Burnett A,** Frascone RJ, Wewerka S, Kealey S, Evens Z, Griffith K, Salzman J. Comparison of Success Rates between Two Video Laryngoscope Systems Used in a Prehospital Clinical Trial. Oral Presentation. National Association of EMS Physicians Annual Meeting. Bonita Springs, Florida. January 10, 2013.
2. **Burnett A,** Nelson J, Woster C, Wewerka S, Salzman J, Frascone, RJ. Evaluation of Video Laryngoscopes in a Simulated Difficult Airway Scenario: The EMESIS Trial. Minnesota EMS Medical Directors Annual Conference. Alexandria, Minnesota. September 11, 2010.

Poster or Abstract Presentations at Professional meetings, Conferences, etc:

1. Salzman JG, Frascone RJ, Zagar AE, **Burnett AM,** Loken NM. Intraosseous Pressure Monitoring in Critical Care Patients. *Ann Emerg Med.* 2015;66(4):S148.
2. Peterson B, **Burnett A.** A Novel Web-Based Communications System For Facilitating EMS Physician Scene Response. National Association of EMS Physicians Innovations in EMS Fellowship Poster Session. New Orleans, Louisiana. January 2014.
3. DePompolo A, **Burnett A,** Cutler G, Wewerka S, Morris A, Kharbanda A. Implementation of a Pediatric Prehospital Pain Management Protocol. Pediatric Academic Societies Annual Meeting. Vancouver, BC, Canada. May 3-6, 2014.
4. **Burnett A,** Salzman J. Public-Private Partnership to Develop a Community Paramedic Program to Decrease CHF Readmissions. Institute for Health Care Improvement National Forum. Orlando, Florida. December 2014.
5. **Burnett A,** Panchal D, Griffith K, Frascone RJ, Engebretsen K. Prehospital Ketamine does not Prolong On-Scene Time Compared to Haloperidol When Used for Chemical Restraint. *Prehosp Emerg Care.* 2014;18(1):142.
 - Dr. Panchal was a doctorate of pharmacy student who I mentored on this project.

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6. Peterson B, Glasrud K, Stellpflug S, Engebretsen K, Salzman J, Frascone RJ, **Burnett A**. Prehospital Ketamine for Chemical Restraint: Administered Dose Versus Intubation Rate. *Prehosp Emerg Care*. 2014;18(1):142
 - Dr. Glasrud was an Emergency Medicine resident who I mentored. This project served as her residency required scholarly project.
7. **Burnett A**, Peterson B, Griffith K, Frascone RJ. Cadaver Laboratory Experience for Teaching Prehospital Procedures to Emergency Medical Services Fellows. National Association of EMS Physicians Innovations in EMS Fellowship Poster Session. Tuscon, Arizona. January 2014.
8. **Burnett A**, Stellpflug S, Zwank M, Peterson B, Isenberger K. Rates of Completed Follow Up Appointments for Referrals to Specialty Care Ordered by Emergency Department Providers via an Electronic Medical Record. Society for Academic Emergency Medicine (SAEM) Great Plains Regional Conference. Springfield, Illinois. September 2013.
9. **Burnett A**, Peterson B, Griffith K, Frascone RJ, Zwank M. An Analysis of On-Course Emergencies Requiring Transport by Stretcher Capable ATV's from an Extreme Sporting Event. SAEM Great Plains Regional Conference. Springfield, Illinois. September 2013.
10. **Burnett A**, Wewerka S, Brazelton T, Carhart E, Tritt P, Genghis P, Anderson C, Danielson L, Tape S, Studnek J. Babies Breath and Teen Angst: Distribution of Paramedic Student Primary Impression By Age. Prehospital Care Research Forum (N13-03). August 2013.
11. Brazelton T, Wewerka S, **Burnett A**, Carhart E, Danielson L, Tritt P, Kokx G, Phillip G, Hanson K, Stanke L, Studnek J. Hide or Go Seek: Do More Pediatric Encounters Make Better Paramedics? Prehospital Care Research Forum (N13-01). August 2013.
12. Evens Z, Wewerka S, Griffith K, Salzman J, Kealey S, **Burnett A**, Frascone RJ. Alternate Airway use by Paramedics after Video Laryngoscope Failure. *Prehosp Emerg Care*. 2013;17(1):117.
 - Drs. Evens and Kealey were Emergency Medicine Residents who I mentored on this project.
13. Kealey S, **Burnett A**, Griffith K, Wewerka S, Salzman J, Evens Z, Frascone RJ. Facilitation of Uninterrupted Chest Compressions by Paramedics: The Role of the Video Laryngoscope. *Prehosp Emerg Care*. 2013;17(1):115.
 - Drs. Evens and Kealey were Emergency Medicine Residents who I mentored on this project.
14. Droegemueller C, Kipper K, **Burnett A**. Prehospital Lab Draw Project Using Simulation Learning to Improve Door to Needle Time. Minnesota Stroke Conference. University of Minnesota. Minneapolis Minnesota. June 4, 2012.

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15. Erwin A, Salzman J, Wewerka S, **Burnett A**, Frascone RJ. Can Paramedics Accurately Diagnose Sepsis and Severe Sepsis in the Field? *Acad Emerg Med.* 2011;18(5):S23.
 - I performed data abstraction, interpretation and blinded determination of whether patients met criteria for sepsis or severe sepsis.
16. **Burnett A**, Hegarty C. An Analysis of Required Medical School Emergency Medicine Clerkships and Their Impact on Residency Application Rates. *Acad Emerg Med.* 2010;17(s1):S34.
17. **Burnett A**, Domachowske J. Treatment Practices for Children Hospitalized with Invasive Group A Streptococcal Infections. Abstract/Poster. Pediatric Academic Societies Annual Meeting. Toronto, Canada. May 4, 2007. E-PAS2007:8423.5.
18. Aarden P, Reed D, **Burnett A**. Abnormal Triage Vital Signs as a Screening Tool for Pulmonary Embolism. Presentation by Aarden, P. VIth Annual Society for Emergency Medicine India (EMCON) Conference. Mumbai, India. November 2004.
 - Abstracted data from hospital charts
19. Reed D, O'Connor C, Wojcik S, Reed K, **Burnett A**. Validation of a Regional Immunization Registry Utilized in a Pediatric Emergency Department. Abstract/Poster. 18th Charles R. Ross Research Session. Upstate Medical University. November 2004.
20. Houghton J, **Burnett A**, Goetz D, Reysenbach A, Seyfried W. Microbial Growth of a Denitrifying Culture at In-Situ Hydrothermal Conditions: Implications for Biomineralization at Mid-Ocean Ridges. Abstract. American Geophysical Union Annual Meeting. San Francisco, California. January 2001.
 - I was a National Science Foundation funded Research Experience for Undergraduates (NSF-REU) award recipient for the summer internship.

Teaching and Curriculum Development:

University of Minnesota College of Medicine

Lecturer 2011-Present
Essentials of Clinical Medicine 3- INMD 6805
Introduction to Emergency Medical Services

External Lectures

Emergency Medicine Residency Core Content Lecturer 2011-Present
Metabolic Emergencies
Regions Hospital Emergency Medicine Residency

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Curriculum Development

- Emergency Medical Services Rotation 2012-Present
Regions Hospital Pediatric Emergency Medicine Fellowship
- A 2 week continuous rotation required of all first year pediatric Emergency Medicine fellows, designed to expose them to prehospital care. I developed the rotation's goals and objectives and I currently perform evaluations on all of the rotating residents.
- Regions Hospital Emergency Medical Services Fellowship 2012-Present
- I developed the curriculum for the fellowship according to the published core content of EMS medicine. The fellowship obtained ACGME accreditation in 2012.
- Medical Student-Emergency Medical Services Elective 2014
- Developed a summer EMS elective for pre-clinical, first or second year medical students. Jordan Marks, MSII from the University Of Kansas Medical School, completed the rotation in 2014.
- Emergency Medical Services Rotation 2011-Present
Regions Hospital Emergency Medicine Residency
- This 15 day longitudinal rotation is required for all first year Emergency Medicine residents at Regions Hospital. I developed the rotation's goals and objectives and currently perform evaluations on all of the rotating residents.

Mentoring

Undergraduate Students

- Lauren MacNeill, B.A. 2014-2015
- I served as the Primary Investigator on an IRB approved project with Ms. MacNeill as co-investigator entitled "Collegiate-Based Emergency Medical Services (CBEMS) and Alcohol-Related Emergencies."

Medical Students

- Jordan Marks, MSII 2014
- I mentored Mr. Marks on data collection, data analysis and manuscript preparation for a project he completed as part of an EMS rotation with Regions Hospital EMS.

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Emergency Medicine Resident Physicians

- Resident Associate EMS Medical Director Program 2011-Present
- I designed and currently oversee a program available to residents to fulfill their required scholarly project by completing a 2½ year longitudinal EMS program that immerses them in administrative, operational and educational aspects of EMS medical direction.
 - Peter Coenen MD Class of 2017
 - Elizabeth Roeber MD, Brittany Brindle MD Class of 2016
 - Samantha Kealey MD, Joshua Peltier MD, Amy Stoesz MD Class of 2015
 - Kelsey Echols MD, Jason VanValkenberg MD Class of 2014
 - Zabrina Evens MD, Jodi Deleski MD, Darcy Rumberger MD Class of 2013
 - Clint Hawthorne MD, Ben Watters MD, Bjorn Peterson MD Class of 2012
 - Katherine Davidson MD, Kara Kim MD Class of 2011

Resident Physician Research Project Mentor

1. Kyle Holloway MD 2013-2014
 - “Etomidate shortage: Impacts on Physician Prescribing Practices.” This IRB approved project (#A13-207) was awarded a \$2000 HealthPartners Institute for Education and Research grant. It was submitted to the *Journal of Emergency Medicine* in February 2014 and is currently under consideration for publication.
2. Katherine Glasrud MD 2013-2014
 - “Prehospital Ketamine Doses and Intubation Rates.” This quality assurance project was awarded a \$2000 HealthPartners Institute for Education and Research grant. It was ultimately published in the *Journal of Emergency Medicine* in 2015 with Dr. Glasrud as co-author.
- 3 Anna DePompolo MD 2013-2014
 - “Implementation of a Pediatric Prehospital Pain Management Protocol.” This IRB approved study (A13-102) was awarded a \$2000 HealthPartners Institute for Education and Research grant. An abstract of this work was presented at the Pediatric Academic Societies Annual Meeting in 2014.
4. Jessica Greupner MD and Ryan Aga RN 2013
 - “Gaps, Retention and Importance of Mass Casualty Decontamination Training for Emergency Department Nurses.” This IRB approved study (#A13-207) was awarded a \$2000 HealthPartners Institute for Education and Research grant.
5. Zabrina Evens MD 2011-2013
 - “Alternate Airway Use by Paramedics after Video Laryngoscope Failure.” This IRB approved research project (#11-065) was presented as an abstract at the National Association of EMS Physicians annual meeting in 2012 with Dr. Evens as first author.

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6. Samantha Kealey MD 2011-2013
- “Facilitation of Uninterrupted Chest Compressions by Paramedics: The Role of the Video Laryngoscope”. This IRB approved research project (#11-065) was presented as an abstract at the National Association of EMS Physicians annual meeting in 2012 with Dr. Kealey as first author.

Clinical Service

Emergency Department Practice:

Attending Emergency Medicine Physician

- Lakeview Hospital, Stillwater, Minnesota 2013-Present
Level 3 Trauma Center

Attending Emergency Medicine Physician

- Regions Hospital, Saint Paul, Minnesota. 2010-Present
Level 1 Adult and Level 1 Pediatric Trauma Center
- Hudson Hospital, Hudson, Wisconsin. 2010-Present
Level 4 Trauma Center, critical access hospital
- St. Croix Regional Medical Center, St. Croix Falls, Wisconsin 2010-Present
Level 4 Trauma Center, critical access hospital

Prehospital Medicine and Emergency Medical Services Practice

Mass Gathering and Event Medicine

1. EMS Physician, Somerset Music and Camping Festival. 2012-Present
25,000 attendees. 4 days, 3 nights. 30 EMS transports/year.
Somerset, Wisconsin.
2. Assistant Medical Director, Minnesota State Fair. 2011-Present
100,000-200,000 attendees per day. Saint Paul, Minnesota.
3. Physician, Xcel Energy Center, MN Wild NHL Hockey Arena. 2011-Present
Provide care to the spectators at events. Capacity 18,000 persons.
Saint Paul, Minnesota.
4. EMS Physician, Twin Cities Marathon. 2010-Present
15,000 runners. Minneapolis/St. Paul, Minnesota.

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5. EMS Physician, Tough Mudder Extreme Sporting Event. 2012-2013
11,000 participants, 12 mile course. Somerset, Wisconsin.
6. EMS Physician, Warrior Dash Extreme Sporting Event. 2011-2013
20,000 participants, 15,000 spectators. Afton, Minnesota.
7. EMS Physician, Stillwater Marathon. 2010-2011
2000 runners. Stillwater, Minnesota.
8. EMS Physician, Jimmy and Roslyn Carter 27th Annual Habitat for 2010
Humanity Work Project. 300 participants in heavy construction.
Saint Paul, Minnesota.

Disaster Medicine:

1. Chief Medical Officer, Minnesota Central Region Mobile Medical Team. 2015-Present
Minnesota Department of Health, Office of Emergency Preparedness.
2. Chief Medical Officer, Minnesota Metro Region Mobile Medical Team. 2012-Present
Minnesota Department of Health, Office of Emergency Preparedness.
3. Task Force Physician, Minnesota Urban Search and Rescue Task Force 1 2012-Present
Minnesota Department of Homeland Security and Emergency Management.
4. Co-Chairman, Emergency Department Disaster Committee. 2010-Present
Regions Hospital, Department of Emergency Medicine.
5. On-Scene Incident Medical Director, Anhydrous Ammonia Spill. 2010
Mass Casualty Incident on December 8, 2010. 54 Pediatric Transports.
Randolph, Minnesota.

Professional Service and Public Outreach

Editorships/Journal Reviewer Experience

- Manuscript Peer Reviewer. *Resuscitation*. 2010-Present
- 6 Papers Reviewed. Journal impact factor 4.297.

Committee and Administrative Service:

Board Member, Minnesota Emergency Medical Services Regulatory Board 2014-Present

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- Appointed by Governor Mark Dayton as a representative of Emergency Medicine Physicians.

Metro Region Emergency Services Board Education and Research Subcommittee 2013-2014

- Medical Director Representative for East Metro communities.
- Advised the Metro Emergency Services Board on developing educational materials and administering a bi-annual research grant program.

West Central Wisconsin Regional Trauma Advisory Committee 2012-Present

- Level 1 Trauma Center representative for this group which is primarily focused on development of rural trauma systems.

Medical Director Standing Advisory Committee (MDSAC) 2011-Present

- Official Committee of the Minnesota Emergency Medical Services Regulatory Board (EMSRB).
- Tasked with providing medical guidance to the state EMSRB on all matters related to prehospital care.

East Metro Public Safety and Information Sharing Group 2011-Present

- Physician representative on this tactical committee composed of FBI, Secret Service, United States Army/Air Force, Coast Guard, State and Local Law Enforcement.

Regions Hospital Disaster Committee 2011-Present

- Emergency Medicine Physician representative to hospital disaster committee.

Regions Hospital Emergency Department Disaster Committee Co-Chair 2010-Present

- Develop and implement disaster policies, coordinate radiation drills, update decontamination procedures.

Regions Hospital Emergency Department Research Committee 2009-Present

- Review research projects by Emergency Department faculty prior to IRB submission.

Regions Hospital Inpatient Cardiac Arrest Review Committee 2011-2012

- Emergency Medicine Physician member. Reviewed all in-hospital cardiac arrests, implemented Lucas device, and reviewed relevant research.

Regions Hospital Emergency Medicine Residency Committee 2008-2011

- Developed, implemented and approved residency policies.

Regions Hospital Emergency Department Chairperson Search Committee 2009-2011

- Member of workgroup tasked with selecting new ED Chair.

East Metro Medical Society Board of Directors

2009-2010

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- Resident physician member.

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