

MINUTES

North Carolina Medical Board

January 21-23, 2015

**1203 Front Street
Raleigh, North Carolina**

General Session Minutes of the North Carolina Medical Board Meeting held January 21-23, 2015.

The January 21-23, 2015 meeting of the North Carolina Medical Board was held at the Board's Office, 1203 Front Street, Raleigh, NC 27609. Cheryl L. Walker-McGill, MD, President, called the meeting to order. Board members in attendance were: Pascal O. Udekwu, MD, President-Elect; Eleanor E. Greene, MD, Secretary/Treasurer; Subhash C. Gumber, MD; Mr. Michael Arnold; Ms. H. Diane Meelheim, FNP-BC; Debra A. Bolick, MD; Timothy E. Lietz, MD; Barbara E. Walker, DO; Mr. A. Wayne Holloman; Bryant A. Murphy, MD and Ralph A. Walker, LLB.

Presidential Remarks

Dr. Walker-McGill commenced the meeting by reminding the Board members of their duty to avoid conflicts of interest with respect to any matters coming before the board as required by the State Government Ethics Act. No conflicts were reported.

Minute Approval

Motion: A motion passed to approve the November 19, 2014 Board Minutes, the December 11, 2014 Hearing Minutes.

Announcements

1. Mr. Thom Mansfield, Director, Legal Department, recognized Ms. Betty Sutherland and Ms. Carren Mackiewicz on their five-year anniversaries at the NCMB.
2. Mr. Thom Mansfield, Director, Legal Department, gave a legislative update.
3. Dr. Scott Kirby, Medical Director, gave a presentation on NCMB medical experts and Key Performance Indicators.
4. Dr. Ralph Loomis, Member, FSMB Board of Directors, and Eric Fish, JD, FSMB staff, gave a presentation to the Board on the Interstate Medical Licensure Compact.
5. Dr. Warren Pendergast, Medical Director, NC Physicians Health Program (PHP), gave the PHP Compliance Committee report. Dr. Pendergast also presented the PHP Annual Financial, Performance and Quality Assurance report.

EXECUTIVE COMMITTEE REPORT

Members present were: Cheryl L. Walker-McGill, MD, Chairperson; Pascal O. Udekwu, MD; Eleanor E. Greene, MD; Timothy E. Lietz, MD; and Mr. Michael J. Arnold.

Open Session

- 1) Financial Statements
 - a) Monthly Accounting

The Committee reviewed the compiled financial statements for October 2014 and November 2014. November is the first month of fiscal year 2015.

Committee Recommendation: Accept the financial statements as reported.

Board Action: The Board accepted the Committee's recommendation.

b) Investment Account Statements

The Committee reviewed the investment statements for November and December 2014. The Committee also received an update from the Investment Workgroup.

Committee Recommendation: Accept as information.

Board Action: The Board accepted the Committee's recommendation.

c) Year-End Financial Statement Audit (Koonce, Wooten & Haywood, LLP)

Mr. Chris Duffus, CPA, an audit partner with the firm Koonce, Wooten & Haywood, LLP, presented the audited financial statements for the fiscal year ending October 31, 2014. Mr. Duffus verified that the statements have been presented fairly and in accordance with generally accepted accounting principles. An unmodified opinion has been made in the report.

Committee Recommendation: Accept the audit report as presented.

Board Action: The Board accepted the Committee's recommendation.

2) Old Business

a) Presidential Advisory Group

The Committee reviewed the purpose and year-to-date activity of the Presidential Advisory Group.

Committee Recommendation: Accept as information.

Board Action: The Board accepted the Committee's recommendation.

b) CCMS Concerns

The Committee reviewed the latest letters to the Cumberland County Medical Society based on Board actions from the November 2014 meeting.

Committee Recommendation: Accept as information.

Board Action: The Board accepted the Committee's recommendation.

c) Task Tracker

The Committee reviewed outstanding items on the Task Tracker report.

Committee Recommendation: Accept as information.

Board Action: The Board accepted the Committee's recommendation.

3) New Business

a) Periodic Review of Administrative Rules (HB74)

State agencies, including occupational licensing boards, should periodically review their rules to determine whether any are no longer relevant or necessary. Staff recommends the Board undertake a comprehensive review of its rules every two years beginning in September 2016. This would not preclude the Board from proposing rule changes in the interim as needed.

Committee Recommendation: The Board will undertake a comprehensive review of its rules every two years beginning in September 2016.

Board Action: The Board accepted the Committee's recommendation.

b) Strategic Plan Update

Mr. Henderson provided the Committee with an update regarding strategic goals with a 2015 target date.

Committee Recommendation:

1. Proceed with the proposed staff reorganization and define metrics for success.
2. Authorize up to \$5,000 for additional consulting costs.

Board Action: The Board accepted the Committee's recommendation.

c) Real Estate Matter

The Committee went into closed session to discuss a real estate matter.

Committee Recommendation: Defer to the Full Board.

Board Action: The Board decided not to pursue the sale of its property at 1203 Front Street at this time.

POLICY COMMITTEE REPORT

Committee Members: Mr. Arnold, Chairperson; Dr. Udekwu; Dr. B. Walker; Dr. Lietz and Ms. Meelheim

1. New Business:

a. Physician Compounding (APPENDIX A)

01/2015 COMMITTEE DISCUSSION: Mr. Mansfield introduced the subject of physician compounding and discussed the potential options that the Board has at its disposal to regulate physician compounding. Mr. Mansfield also discussed the interplay between the Medical Board and the Board of Pharmacy in this area. Ms. Meredith updated the Committee on the legal requirements for physician compounding. Dr. Kirby discussed the federal agencies that are currently involved with physician compounding.

01/2015 COMMITTEE RECOMMENDATION: Submit the proposed Position Statement for public comment.

01/2015 BOARD ACTION: Accept the Committee recommendation.

b. Position Statement Review

i. HIV/HBV Infected Health Care Workers (APPENDIX B)

01/2015 COMMITTEE DISCUSSION: Dr. Kirby explained that the current position statement is consistent with interpretations by other state agencies; however the FSMB policy in this area includes a reference to Hepatitis C. Mr. Brosius indicated that he would like to confirm that the rules cited in the position statement are up to date.

01/2015 COMMITTEE RECOMMENDATION: Mr. Brosius will review the rules cited in the position statement and if they are not substantively significant, the Board's review of the position statement will be noted. Otherwise Mr. Brosius will bring the matter back to the Committee.

01/2015 BOARD ACTION: Accept the Committee recommendation.

b. Position Statement Review

ii. Writing of Prescriptions (APPENDIX C)

01/2015 COMMITTEE DISCUSSION: The Committee reviewed the position statement and did not find any necessary changes.

01/2015 COMMITTEE RECOMMENDATION: Accept the position statement in its current form.

01/2015 BOARD ACTION: Accept the Committee recommendation.

2. Position Statement Review tracking chart: (APPENDIX D)

1/2010 Committee Recommendation: (Loomis/Camnitz) Adopt a 4 year review schedule as presented. All reviews will be offered to the full Board for input. Additionally all reviews will be documented and will be reported to the full Board, even if no changes are made.

1/2010 Board Action: Adopt the recommendation of the Policy Committee.

LICENSE COMMITTEE REPORT

Members present were: Pascal O. Udekwu, MD, Chairperson, Subhash Gumber, MD, Debra Bolick, MD and Mr. A. Wayne Holloman.

Open Session

Old Business

1. Key Performance Indicators (KPIs)

Issue: Quarterly update

Committee Recommendation: Accept as information.

Board Action: Accept Committee recommendation.

New Business

1. Telemedicine Letter – See Appendix F

Issue: Dr. Udekwu has requested the Committee review the Board's current "Telemedicine Cover Letter" to possibly build on the Board Telemedicine position statement with some specific comments in the letter.

Committee Recommendation:

1. Include paragraph referencing position statement and a statement that NCMB's position statement may differ from other states.
2. Move forward with publishing the telemedicine op-ed article.
3. Find a way to communicate to all licensees the Board's position statement on telemedicine.

Board Action:

1. Include paragraph referencing position statement and a statement that NCMB's position statement may differ from other states.
2. Move forward with publishing the telemedicine op-ed article.
3. Find a way to communicate to all licensees the Board's position statement on telemedicine.

A motion passed to close the session pursuant to Section 143-318.11(a) of the North Carolina General Statutes to prevent the disclosure of information that is confidential pursuant to Sections 90-8, 90-14, 90-16, 90-21.22 of the North Carolina General Statutes and not considered a public record within the meaning of Chapter 132 of the General Statutes and/or to preserve attorney/client privilege.

Five licensure cases were discussed. A written report was presented for the Board's review. The Board adopted the Committee's recommendation to approve the written report. The specifics of this report are not included because these actions are not public information.

A motion passed to return to open session.

LICENSE INTERVIEW REPORT

A motion passed to close the session pursuant to Section 143-318.11(a) of the North Carolina General Statutes to prevent the disclosure of information that is confidential pursuant to Sections 90-8, 90-14, 90-16, 90-21.22 of the North Carolina General Statutes and not considered a public record within the meaning of Chapter 132 of the General Statutes and/or to preserve attorney/client privilege.

Five licensure interviews were conducted. A written report was presented for the Board's review. The Board adopted the Committee's recommendation to approve the written report. The specifics of this report are not included because these actions are not public information.

A motion passed to return to open session.

ALLIED HEALTH COMMITTEE REPORT

Committee Members present were: H. Diane Meelheim, FNP-BC, Chairperson, Bryant A. Murphy, MD and Ralph A. Walker, LLB.

Open Session Physician Assistants

Physician Assistant Rules

Issue:

1. Marcus Jimison provided the Committee and guests with an update as to proposed rule changes with regard to physician assistant CME requirements and clarification of supervising physicians' responsibilities. As to the CME rule change, the Board seeks to mirror the National Commission on Certification of Physician Assistants (NCCPA) requirement that physician assistants obtain 50 hours of Category I CME every two years. A public hearing on the proposed rule changes will be held at the Board on March 16, 2015. The public may also submit written comments to the Board regarding the proposed changes by this same date. The rule changes and any public comments thereto are anticipated to be on the Committee's March agenda. Ms. Feild of the North Carolina Academy of Physician Assistants (NCAPA) informed the Committee that she and the NCAPA leadership are aware of the proposed rule changes and are supportive of them.

Committee Recommendation: For information.

Board Action: Accept Committee recommendation.

NC EMERGENCY MEDICAL SERVICES

No items for discussion.

ANESTHESIOLOGIST ASSISTANTS

No items for discussion.

NURSE PRACTITIONERS

No items for discussion.

CLINICAL PHARMACIST PRACTITIONERS

No items for discussion.

PERFUSIONISTS

1. Minutes of the November 2014 Perfusionist Advisory Committee (PAC) meeting

Committee Recommendation: Accept the report of the November 2014 PAC meeting.

Board Action: Accept Committee recommendation.

POLYSOMNOGRAPHIC TECHNOLOGISTS

No items for discussion.

A motion passed to close the session pursuant to Section 143-318.11(a) of the North Carolina General Statutes to prevent the disclosure of information that is confidential pursuant to Sections 90-8, 90-14, 90-16, 90-21.22 of the North Carolina General Statutes and not considered a public record within the meaning of Chapter 132 of the General Statutes and/or to preserve attorney/client privilege.

Three licensee applications were reviewed. A written report was presented for the Board's review. The Board adopted the Committee's recommendation to approve the written report. The specifics of this report are not included because these actions are not public information.

A motion passed to return to open session.

DISCIPLINARY (COMPLAINTS) COMMITTEE REPORT

Board Members present were: Timothy E. Lietz, MD (chairperson), Mr. Michael J. Arnold, Debra A. Bolick, MD, Eleanor E. Greene, MD, H. Diane Meelheim, FNP, Bryant A. Murphy, MD, and Barbara E. Walker, DO.

Open Session Discussion: The committee discussed the Key Performance Indicators (KPI) and Quality Assurance (QA) measures for the Complaint Dept. and Office of Medical Director.

Board Action: Accept as Information per committee recommendation.

A motion passed to close the session pursuant to Section 143-318.11(a) of the North Carolina General Statutes to prevent the disclosure of information that is confidential pursuant to Sections 90-8, 90-14, 90-16, 90-21.22 of the North Carolina General Statutes and not considered a public record within the meaning of Chapter 132 of the General Statutes and/or to preserve attorney/client privilege.

The Disciplinary (Complaints) Committee reported on fifteen complaint cases. A written report was presented for the Board's review. The Board adopted the Committee's recommendation to approve the written report. The specifics of this report are not included because these actions are not public.

A motion passed to return to open session.

DISCIPLINARY (MALPRACTICE) COMMITTEE REPORT

Board Members present were: Timothy E. Lietz, MD (chairperson), Mr. Michael J. Arnold, Debra A. Bolick, MD, Eleanor E. Greene, MD, H. Diane Meelheim, FNP, Bryant A. Murphy, MD, and Barbara E. Walker, DO.

A motion passed to close the session pursuant to Section 143-318.11(a) of the North Carolina General Statutes to prevent the disclosure of information that is confidential pursuant to Sections 90-8, 90-14, 90-16, 90-21.22 of the North Carolina General Statutes and not considered a public record within the meaning of Chapter 132 of the General Statutes and/or to preserve attorney/client privilege.

The Disciplinary (Malpractice) Committee reported on forty-three cases. A written report was presented for the Board's review. The Board adopted the Committee's recommendation to approve the written report. The specifics of this report are not included because these actions are not public information.

A motion passed to return to open session.

INVESTIGATIVE INTERVIEW REPORT

A motion passed to close the session pursuant to Section 143-318.11(a) of the North Carolina General Statutes to prevent the disclosure of information that is confidential pursuant to Sections 90-8, 90-14, 90-16, 90-21.22 of the North Carolina General Statutes and not considered a public record within the meaning of Chapter 132 of the General Statutes and/or to preserve attorney/client privilege.

Ten informal interviews were conducted. A written report was presented for the Board's review. The Board adopted the recommendations and approved the written report. The specifics of this report are not included because these actions are not public information.

A motion passed to return to open session.

DISCIPLINARY (INVESTIGATIVE) COMMITTEE REPORT

Board Members present were: Timothy E. Lietz, MD (chairperson), Mr. Michael J. Arnold, Debra A. Bolick, MD, Eleanor E. Greene, MD, H. Diane Meelheim, FNP, Bryant A. Murphy, MD, and Barbara E. Walker, DO.

Investigative Disciplinary Committee reviewed the Investigations Department Key Performance Indicators.

Committee Recommendation: Accept the staff report.

Board Action: Accept the committee recommendation.

A motion passed to close the session pursuant to Section 143-318.11(a) of the North Carolina General Statutes to prevent the disclosure of information that is confidential pursuant to Sections 90-8, 90-14, 90-16, 90-21.22 of the North Carolina General Statutes and not considered a public record within the meaning of Chapter 132 of the General Statutes and/or to preserve attorney/client privilege.

The Disciplinary (Investigative) Committee reported on thirty-seven investigative cases. A written report was presented for the Board's review. The Board adopted the Committee's recommendation to approve the written report. The specifics of this report are not included because these actions are not public information.

A motion passed to return to open session.

OUTREACH COMMITTEE

Members present were: Subhash Gumber, MD, Chairperson, Debra Bolick, MD, and Ralph A. Walker, LLB.

Old Business:

a. Analysis of NCMB public actions by county

History: The Outreach Committee has discussed the possibility of analyzing licensee population and NCMB Board Actions data to determine the rate of actions per capita. Staff approached the Cecil G. Sheps Center for Health Services Research to request assistance with this project. Tom Ricketts, the deputy director of the Sheps Center, agreed to perform the analysis and prepare a report, if the Board can provide raw data. NCMB will provide five years of public actions data and the most current population roster to Ricketts by the end of this month.

Staff recommendation: Proceed with project and report back to the committee

Committee recommendation: Proceed with project and provide committee with Sheps analysis of data when completed.

Board action: Approve committee recommendation

b. Board use of Twitter

At its November meeting, the committee and full Board discussed concerns raised by members of the Cumberland County Medical Society about the Board's practice of tweeting disciplinary actions of the Board. The full Board decided it needs to study the various uses of social media, including Twitter, more deeply before directing staff to change current practices. The Board did not see a reason to limit the Board's activity on Twitter to distributing information about actions and directed staff to immediately begin tweeting general interest information in addition to tweets about public actions. Staff has expanded its use of Twitter accordingly while gathering information and best practices about public and government agency use of Twitter and other social media platforms. Staff expects to produce a draft social media plan for consideration by the Board later this year.

Members of the CCMS have asked to present their concerns regarding Twitter directly to the committee to inform the Board's pending study of social media.

Staff recommendation: Accept CCMS remarks as information

Discussion: Dr. Michael Bryant, secretary of the Cumberland County Medical Society, presented CCMS's concerns about using Twitter to distribute public NCMB actions and reiterated the CCMS's request for the Board to stop this. Committee members listened to Dr. Bryant's remarks and briefly discussed the issue with Dr. Bryant, NCMB staff present. They assured Dr. Bryant that CCMS's concerns will be considered before the Board makes a final decision about its use of Twitter. The Board's Public Affairs Director commented that she is researching best practices and industry standards Re: Social Media use among government and other public agencies and will prepare a formal NCMB Social Media Policy for Board consideration. This plan is tentatively scheduled to be presented for consideration in May 2015.

Committee recommendation: Accept Dr. Bryant's comments as information.

Board action: Cease distributing Board actions via Twitter pending completion of the Board's Social Media Policy. Send a tweet or tweets communicating to followers that public actions are available on the Board's website.

c. NCMB logo

Update on logo design and selection process.

Staff recommendation: Accept logo choice and direct Public Affairs to proceeding with rebranding efforts.

Committee recommendation: Accept logo choice and direct Public Affairs to proceeding with rebranding efforts.

Board action: Accept committee recommendation

New Business:

a. Development of NCMB "Portable Position Statements" app

One of the Public Affairs Department's priorities for 2015 is to develop new resources and content for licensees and the public. The current trend in communications is to push content to users via social media or mobile apps. This trend is spurred by the observation that an increasing segment of users prefer to get information this way, as opposed to visiting an organization's website to access content of interest. Staff has done some research on commissioning a mobile app centered on our most used resource, Look Up a Licensee. However, staff believes this approach is cost prohibitive at this time (\$40-60K). Public Affairs would like to explore mobile apps by creating an app that would allow licensees and others to quickly search and access Board position statements (Portable Position Statements or Portable PS) via their tablet or phone. To keep the cost down, staff would use a mobile app developer tool to self-create the app.

Staff recommendation: Discuss and, if in favor, direct staff to proceed.

Discussion: Committee members like to idea of experimenting with a low cost mobile app (self-developed) and agreed that the Position Statements of the Board are a good place to start.

Committee recommendation: Direct staff to proceed.

Board action: Accept committee recommendation

b. 2014 Annual Report

The Public Affairs Staff has started gathering data for the 2014 NCMB Agency Annual Report. The report will include an overview of significant policy and operational activities during 2014. This is an overview, not a complete catalogue of Board initiatives. Staff would like committee member input on items to be covered in the program overview. Some suggested items for inclusion are:

- Continued work to encourage responsible opioid prescribing, including adoption of the new position statement on using opioids for the treatment of chronic pain
- NCMB collaboration with NC CSRS to receive information about outlier prescribers of opioids
- Telemedicine, including the roundtable on this subject and the resulting revised position statement
- Outreach to NC medical schools and residency programs
- Board efforts/plans to secure a fee increase
- Board participation in OSA review of NCPHP and acceptance of recommendations for increased oversight
- Adoption of position statement regarding licensee obligation to recognize and report child maltreatment
- Participation by NCMB at FSMB and other national or international medical regulatory organizations (meetings attended by Board Members, honors, offices elected to (Dr. Barbara Walker to Nominating Committee, etc.))

Discussion: What initiatives would committee members like to see included in the Annual Report? Discuss and suggest items to highlight.

Staff recommendation: Discuss and provide suggestions to Public Affairs Director. Members of the full Board will have the opportunity to provide suggestions during the Outreach Committee reports.

Committee discussion: Committee members agreed that each of the bullet points mentioned are worthy of inclusion in the Annual Report. Additional suggestions offered by the Committee include: 2014 Board retreat and development/adoption of the NCMB Strategic Plan, update on KPI project, if there is significant progress to report.

Committee recommendation: Proceed with annual report

Board action: Accept committee recommendation

FINES

The NCMB issued non-disciplinary administrative fines in the following cases.

Militana, Mark David	Error/omission on license application or annual renewal	\$1,000.00
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ADJOURNMENT

This meeting was adjourned at 5:50 p.m., January 22, 2015.

Eleanor E. Greene, MD
Secretary/Treasurer

North Carolina Medical Board
Policy Committee Meeting
Wednesday, January 21, 2015

1. New Business:

a. Physician Compounding

Memorandum

To: Policy Committee

From: R. David Henderson

Re: Physician Compounding

Date: January 8, 2015

There are a number of companies around the country that market a physician compounding operation to physician practices. As a result, we (NC Board of Pharmacy staff and NCMB staff) are starting to see more inquiries regarding this issue. (For example, physicians compounding human chorionic gonadotropin for injection at weight loss centers.)

The first question is whether physicians are legally permitted to compound drugs. The NCMB Legal Department believes current law, while not explicit, does permit physicians to compound drugs.

Assuming a medical license permits a physician to compound drugs, what is the Medical Board's responsibility for ensuring physicians are doing this properly? Options are:

- Identify and regularly inspect all physicians who are compounding to make sure they are complying with USP standards. This option must be considered in light of the OSA's performance audit of the NC Board of Pharmacy which, among other things, said the BOP should inspect all NC pharmacies on a regular basis – not just those complained against. Also, the Board must consider the public's expectation in light of the New England Compounding Center meningitis outbreak in October 2012. That said, there are substantial training* and workforce issues associated with this option that must be considered and that we will discuss with the Committee
- Identify all physicians who are compounding and establish a random inspection schedule to make sure those selected are complying with all USP standards. This option would have less workforce issues (fewer inspections) but would still have substantial training challenges*
- Enact a law, promulgate rules, or issue a position statement that makes clear the Board's expectations regarding a physician's duty to comply with all federal and state laws regarding compounding. But, do not inspect/open an investigation unless we receive a complaint.

Regarding the last option, Elizabeth Suttles (former NCMB attorney, outside legal counsel) has drafted the attached proposed position statement for your review.

NCMB staff will be available to discuss the pros and cons of each option.

*For example, please see the attached Compounding Pharmacy Inspection Report.

PROPOSED POSITION STATEMENT:

Physician Compounding¹

The practice of medicine includes compounding of prescription medications. Compounding is the process of “combining, admixing, mixing, diluting, pooling, reconstituting, or otherwise altering of a drug or bulk drug substances to create a drug.” 21 U.S. Code § 353b(d)(1). Compounding can include seemingly simple actions such as watering down an elixir, crushing and combining prescription drugs, or adding flavoring to a medicine. It can also involve complex combinations of medicines to create unique substances which are not commercially available. However, compounding does not include mixing, or any other such acts, if the physician is following manufacturer instructions.

The U.S. Food and Drug Administration (FDA), to an extent, regulates compounding of prescription medications. The FDA approves all new drug formulas, reviews all drug labels, product inserts, and marketing materials, and audits drug manufacturing and storage facilities. Licensed physicians, as well as licensed pharmacists, are exempted from these FDA regulations as long as they meet certain requirements.² Some, but not all, of these requirements are discussed in this Position Statement.

Compounding by physicians must be done for an individual identified patient. The patient should have a prescription order or notation that the compound is medically necessary. This compound may be used for immediate or subsequent use. The North Carolina Medical Board expects the patient’s medical record to properly document need for the compounded drug. Physicians are also expected to follow informed consent standards. Patients should be notified that they are receiving a compounded drug and made aware of any risk of using the particular compound. Also note that North Carolina pharmacy dispensing laws require a physician to register with the North Carolina Board of Pharmacy when dispensing for a fee or charge. This would mean a physician who sends a patient home with a compound and charges the patient a fee for the compound would need a dispensing permit.

When compounding, physicians should follow United States Pharmacopoeia or National Formulary (USP-NF). USP-NF standards are a set of uniform regulations for compounding practices. These regulations include, but are not limited to, instructions on sterile and non-sterile preparations of compounds, calculations, storage, labeling, and proper equipment for weighing and measuring. All drugs and ingredients used in compounding should comply with USP-NF standards. If a USP-NF monograph, or formula, for a compound exists, the monograph should be followed.

These standards exist to ensure the safety and effectiveness of all compounded substances. Improper preparation, packaging, or storage of a compound can have detrimental effects on a patient. The compound could be too weak and ineffective, leaving a patient unimproved. The compound could be too strong and have negative side effects. The compound could be contaminated and subject a patient to other ailments. All physicians who compound must be competent in the practice of compounding; this includes proper education, training, and understanding of these USP-NF compounding standards.

¹ This Position Statement only applies to compounding by physicians. Under the Medical Practice Act, physician assistants and nurse practitioners are not allowed to compound without supervision of a **licensed pharmacist**.

² Exempted status does not apply to the compounding of radiopharmaceuticals or positron emission tomography (PET) drugs. Radiopharmaceuticals are regulated by the Nuclear Regulatory Commission. PET drugs are subject to FDA manufacturing, distributing, and packaging regulations. Licenses and permits with the NRC or FDA are required for compounding these drugs.

The FDA also prohibits physicians from making certain compounds. Physicians may not compound drugs that have been removed from the market because such drugs have been found to be unsafe or ineffective. In addition, physicians cannot compound drugs that are copies of commercially available drugs. This does not include changing a commercially available drug where the change will produce a significant difference for an individual patient.

If a physician fails to comply with these FDA requirements, a physician will lose the exempted status and be subjected to the stricter FDA standards that are applied to drug manufacturers and subject to penalty. This can include a warning letter, seizure of any compounded product, an injunction to stop a physician from further compounding, or criminal prosecution.

In addition, if a physician fails to subscribe to the FDA requirements, the North Carolina Medical Board has grounds for discipline whether or not the FDA prosecutes the violation. The Medical Practice Act requires physicians to follow all laws involving the practice of medicine. This would include meeting the FDA requirements for compounding by physicians. (See N.C. Gen. Stat. § 90-14(a)(7) for “violation of a law involving the practice of medicine.”) The Medical Board may also find a physician lacking in professional competence or to have committed unprofessional conduct if they fail to have the proper training and education on compounding practices or to meet the standards of medical practice in connection with treating a patient with compounds. (See N.C. Gen. Stat. Section 90-14(a)(6), (11)).

This Position Statement discusses some of the federal requirements. It does not set out all the requirements for compounding by physicians. The silence of this Position Statement on any legal requirements should not be construed as the lack of an enforceable standard for discipline. For additional information, please see the following:

FDA 503A Exemption Requirements for Physicians:

<http://www.fda.gov/Drugs/GuidanceComplianceRegulatoryInformation/PharmacyCompounding/ucm376733.htm>

FDA 503A Amendment:

<https://www.congress.gov/113/bills/hr3204/BILLS-113hr3204enr.pdf>

FDA Guidance on Pharmacy Compounding of Human Drug Products under 503A:

<http://www.fda.gov/downloads/drugs/guidancecomplianceregulatoryinformation/guidances/ucm377052.pdf>

CURRENT POSITION STATEMENT:

HIV/HVB infected health care workers

The North Carolina Medical Board supports and adopts the following rules of the North Carolina Department of Health and Human Services regarding infection control in health care settings and HIV/HBV infected health care workers.

10A NCAC 41A .0206: Infection control - health care settings

(a) The following definitions shall apply throughout this Rule:

(1) "Health care organization" means hospital; clinic; physician, dentist, podiatrist, optometrist, or chiropractic office; home health agency; nursing home; local health department; community health center; mental health agency; hospice; ambulatory surgical center; urgent care center; emergency room; or any other health care provider that provides clinical care.

(2) "Invasive procedure" means entry into tissues, cavities, or organs or repair of traumatic injuries. The term includes the use of needles to puncture skin, vaginal and cesarean deliveries, surgery, and dental procedures during which bleeding occurs or the potential for bleeding exists.

(b) Health care workers, emergency responders, and funeral service personnel shall follow blood and body fluid precautions with all patients.

(c) Health care workers who have exudative lesions or weeping dermatitis shall refrain from handling patient care equipment and devices used in performing invasive procedures and from all direct patient care that involves the potential for contact of the patient, equipment, or devices with the lesion or dermatitis until the condition resolves.

(d) All equipment used to puncture skin, mucous membranes, or other tissues in medical, dental, or other settings must be disposed of in accordance with 10A NCAC 36B after use or sterilized prior to reuse.

(e) In order to prevent transmission of HIV and hepatitis B from health care workers to patients, each health care organization that performs invasive procedures shall implement a written infection control policy. The health care organization shall ensure that health care workers in its employ or who have staff privileges are trained in the principles of infection control and the practices required by the policy; require and monitor compliance with the policy; and update the policy as needed to prevent transmission of HIV and hepatitis B from health care workers to patients. The health care organization shall designate a staff member to direct these activities. The designated staff member in each health care organization shall complete a course in infection control approved by the Department. The course shall address:

- (1) Epidemiologic principles of infectious disease;
 - (2) Principles and practice of asepsis;
 - (3) Sterilization, disinfection, and sanitation;
 - (4) Universal blood and body fluid precautions;
 - (5) Engineering controls to reduce the risk of sharp injuries;
 - (6) Disposal of sharps; and
 - (7) Techniques that reduce the risk of sharp injuries to health care workers.
- (f) The infection control policy required by this Rule shall address the following components that are necessary to prevent transmission of HIV and hepatitis B from infected health care workers to patients:
- (1) Sterilization and disinfection, including a schedule for maintenance and microbiologic monitoring of equipment; the policy shall require documentation of maintenance and monitoring;
 - (2) Sanitation of rooms and equipment, including cleaning procedures, agents, and schedules;
 - (3) Accessibility of infection control devices and supplies;
 - (4) Procedures to be followed in implementing 10A NCAC 41A .0202(4) and .0203(b)(4) when a health care provider or a patient has an exposure to blood or other body fluids of another person in a manner that poses a significant risk of transmission of HIV or hepatitis B.

History Note: Authority G.S. 130A 144; 130A 145; Eff. October 1, 1992; Amended Eff. December 1, 2003; July 1, 1994; January 4, 1994.

10A NCAC 41A .0207: HIV and hepatitis B infected health care workers

- (a) The following definitions shall apply throughout this Rule:
- (1) "Surgical or obstetrical procedures" means vaginal deliveries or surgical entry into tissues, cavities, or organs. The term does not include phlebotomy; administration of intramuscular, intradermal, or subcutaneous injections; needle biopsies; needle aspirations; lumbar punctures; angiographic procedures; endoscopic and bronchoscopic procedures; or placing or maintaining peripheral or central intravascular lines.
 - (2) "Dental procedure" means any dental procedure involving manipulation, cutting, or removal of oral or perioral tissues, including tooth structure during which bleeding occurs or the potential for bleeding exists. The term does not include the brushing of teeth.
- (b) All health care workers who perform surgical or obstetrical procedures or dental procedures and who know themselves to be infected with HIV or hepatitis B shall notify the State Health Director. Health care workers who assist in these procedures in a manner that may result in exposure of patients to their blood and who know themselves to be infected with HIV or hepatitis B shall also notify the State Health Director. The notification shall be made in writing to the Chief, Communicable Disease Control Branch, 1902 Mail Service Center, Raleigh, NC 27699-1902.

(c) The State Health Director shall investigate the practice of any infected health care worker and the risk of transmission to patients. The investigation may include review of medical and work records and consultation with health care professionals who may have information necessary to evaluate the clinical condition or practice of the infected health care worker. The attending physician of the infected health care worker shall be consulted. The State Health Director shall protect the confidentiality of the infected health care worker and may disclose the worker's infection status only when essential to the conduct of the investigation or periodic reviews pursuant to Paragraph (h) of this Rule. When the health care worker's infection status is disclosed, the State Health Director shall give instructions regarding the requirement for protecting confidentiality.

(d) If the State Health Director determines that there may be a significant risk of transmission of HIV or hepatitis B to patients, the State Health Director shall appoint an expert panel to evaluate the risk of transmission to patients, and review the practice, skills, and clinical condition of the infected health care worker, as well as the nature of the surgical or obstetrical procedures or dental procedures performed and operative and infection control techniques used. Each expert panel shall include an infectious disease specialist, an infection control expert, a person who practices the same occupational specialty as the infected health care worker and, if the health care worker is a licensed professional, a representative of the appropriate licensure board. The panel may include other experts. The State Health Director shall consider for appointment recommendations from health care organizations and local societies of health care professionals.

(e) The expert panel shall review information collected by the State Health Director and may request that the State Health Director obtain additional information as needed. The State Health Director shall not reveal to the panel the identity of the infected health care worker. The infected health care worker and the health care worker's attending physician shall be given an opportunity to present information to the panel. The panel shall make recommendations to the State Health Director that address the following:

(1) Restrictions that are necessary to prevent transmission from the infected health care worker to patients;

(2) Identification of patients that have been exposed to a significant risk of transmission of HIV or hepatitis B; and

(3) Periodic review of the clinical condition and practice of the infected health care worker.

(f) If, prior to receipt of the recommendations of the expert panel, the State Health Director determines that immediate practice restrictions are necessary to prevent an imminent threat to the public health, the State Health Director shall issue an isolation order pursuant to G.S. 130A 145. The isolation order shall require cessation or modification of some or all surgical or obstetrical procedures or dental procedures to the extent necessary to prevent an imminent

threat to the public health. This isolation order shall remain in effect until an isolation order is issued pursuant to Paragraph (g) of this Rule or until the State Health Director determines the imminent threat to the public health no longer exists.

(g) After consideration of the recommendations of the expert panel, the State Health Director shall issue an isolation order pursuant to G.S. 130A 145. The isolation order shall require any health care worker who is allowed to continue performing surgical or obstetrical procedures or dental procedures to, within a time period specified by the State Health Director, successfully complete a course in infection control procedures approved by the Department of Health and Human Services, General Communicable Disease Control Branch, in accordance with 10A NCAC 41A .0206(e). The isolation order shall require practice restrictions, such as cessation or modification of some or all surgical or obstetrical procedures or dental procedures, to the extent necessary to prevent a significant risk of transmission of HIV or hepatitis B to patients. The isolation order shall prohibit the performance of procedures that cannot be modified to avoid a significant risk of transmission. If the State Health Director determines that there has been a significant risk of transmission of HIV or hepatitis B to a patient, the State Health Director shall notify the patient or assist the health care worker to notify the patient.

(h) The State Health Director shall request the assistance of one or more health care professionals to obtain information needed to periodically review the clinical condition and practice of the infected health care worker who performs or assists in surgical or obstetrical procedures or dental procedures.

(i) An infected health care worker who has been evaluated by the State Health Director shall notify the State Health Director prior to a change in practice involving surgical or obstetrical procedures or dental procedures. The infected health care worker shall not make the proposed change without approval from the State Health Director. If the State Health Director makes a determination in accordance with Paragraph (c) of this Rule that there is a significant risk of transmission of HIV or hepatitis B to patients, the State Health Director shall appoint an expert panel in accordance with Paragraph (d) of this Rule. Otherwise, the State Health Director shall notify the health care worker that he or she may make the proposed change in practice.

(j) If practice restrictions are imposed on a licensed health care worker, a copy of the isolation order shall be provided to the appropriate licensure board. The State Health Director shall report violations of the isolation order to the appropriate licensure board. The licensure board shall report to the State Health Director any information about the infected health care worker that may be relevant to the risk of transmission of HIV or hepatitis B to patients.

History Note: Authority G.S. 130A 144; 130A 145; Eff. October 1, 1992; Amended Eff. April 1, 2003.

(Adopted November 1992) (Amended May 1996; January 2005) (Reviewed January 2011)

CURRENT POSITION STATEMENT:

Writing of prescriptions

It is the position of the North Carolina Medical Board that prescriptions should be written in ink or indelible pencil or typewritten or electronically issued and should be signed by the licensee at time of issuance. Prescriptions that are handwritten should indicate the quantity in both numbers AND words, e.g., 30 (thirty).

Each handwritten prescription for a DEA controlled substance (2, 2N, 3, 3N, 4 and 5) should be written on a separate prescription blank. Each electronic prescription for a DEA controlled substance (2, 2N, 3, 3N, 4 and 5) should be issued separately and comply with DEA regulations. Multiple medications may appear on a single prescription blank only when none are DEA-controlled.

No prescriptions should be issued for a patient in the absence of a documented licensee-patient relationship.

Any prescriptions written by licensees for their personal use should comply with the Board's position statement on "Self Treatment and Treatment of Family Members." As noted in that position statement, it is the Board's position that it is not appropriate for licensees to write prescriptions for controlled substances for themselves or their family members.

The practice of pre-signing prescriptions is unacceptable to the Board.

It is the responsibility of those who prescribe controlled substances to fully comply with applicable federal and state laws and regulations. Links to these laws and regulations may be found on the Board's website, www.ncmedboard.org

(Adopted May 1991, September 1992) (Amended May 1996, March 2002, July 2002, March 2011, July 2012) (Reviewed March 2005)

APPENDIX D

POSITION STATEMENT	ADOPTED	SCHEDULED FOR REVIEW	LAST REVISED/ REVIEWED/ ADOPTED	REVISED/ REVIEWED	REVISED/ REVIEWED	REVISED/ REVIEWED	REVISED/ REVIEWED
HIV/HBV Infected Health Care Workers	Nov-92	Jan-15	Jan-11	Jan-05	May-96		
Writing of Prescriptions	May-91	Jan-15	Mar-11	Mar-05	Jul-02	Mar-02	May-96
Laser Surgery	Jul-99		Mar-11	Jul-05	Aug-02	Mar-02	Jan-00
Office-Based Procedures	Sep-00		May-11	Jan-03			
Sale of Goods From Physician Offices	Mar-01		May-11	Mar-06			
Competence and Reentry to the Active Practice of Medicine	Jul-06		Jul-11	Jul-06			
Prescribing Controlled Substances for Other Than Valid Medical or Therapeutic Purposes, with Particular Reference to Substances or Preparations with Anabolic Properties	May-98		Sept-11	Nov-05	Jan-01	Jul-98	
Referral Fees and Fee Splitting	Nov-93		Jan-12	Jul-06	May-96		
Self- Treatment and Treatment of Family Members and Others With Whom Significant Emotional Relationships Exist	May-91		Mar-12	Sep-05	Mar-02	May-00	May 96
Availability of Physicians to Their Patients	Jul-93		May-12	Nov-11	Jul-06	Oct-03	Jan-01
Sexual Exploitation of Patients	May-91		May-12	Sep-06	Jan-01	Apr-96	
Care of the Patient Undergoing Surgery or Other Invasive Procedure	Sep-91		Jul-12	Sep-06	Mar-01		
The Physician-Patient Relationship	Jul-95		Jul-12	Sep-06	Aug-03	Mar-02	Jan-00
The Retired Physician	Jan-97		Jul-12	Sep-06			
Physician Supervision of Other Licensed Health Care Practitioners	Jul-07		Sep-12	Jul-07			
Medical Testimony	Mar-08		Sep-12	Mar-08			
Advance Directives and Patient Autonomy	Jul-93		Nov-12	Mar-08	May-96		
End-of-Life Responsibilities and Palliative Care	Oct-99		Jan-13	Mar-08	May-07		
Drug Overdose Prevention	Sep-08		Mar-13	Sep-08			
Professional Use of Social Media	Mar-13		Mar-13				
The Treatment of Obesity	Oct-87		May-13	Nov-10	Jan-05	Mar-96	
Contact With Patients Before Prescribing	Nov-99		May-13	Jul-10	Feb-01		
Medical Record Documentation	May-94		May-13	May-09	May-96		
Retention of Medical Records	May-98		Jul-13	May-09			
Capital Punishment	Jan-07		Jul-13	Jul-09			
Professional Obligations pertaining to incompetence, impairment, and unethical conduct of healthcare providers	Nov-98		Sept-13	Mar-10	Nov-98		
Unethical Agreements in Complaint Settlements	Nov-93		Sept-13	Mar-10	May-96		

Guidelines for Avoiding Misunderstandings During Physical Examinations	May-91		Jan-14	Jul-10	Oct-02	Feb-01	Jan-01
Departures from or Closings of Medical	Jan-00		May-13	Jul-09	Aug-03		
Policy for the Use of Controlled Substances for the Treatment of Pain	Sep-96		May-14	Jan-13	Sep-08	Jul-05	
Access to Physician Records	Nov-93		May-14	Sep-10	Aug-03	Mar-02	Sep-97
Medical Supervisor-Trainee Relationship	Apr-04		Jul-14	Nov-10	Apr-04		
Advertising and Publicity	Nov-99		Aug-14	Nov-10	Sep-05	Mar-01	
Telemedicine	May-10		Nov-14	May-10			
Medical, Nursing, Pharmacy Boards: Joint Statement on Pain Management in End-of-Life Care	Oct-99		Nov-14	Jan-11	Oct-99		

PHYSICIANS PRESENTED AT THE
JANUARY 2015 BOARD MEETING

Abreu-Read, Silvia Veronica	MD
Adefabi, Bukie Akinpelu	MD
Ahlgrim, Joel Alan	DO
Alabi, Oluwaseye Sheye	DO
Allen, Lauren Marie	MD
Amico, Frank Joseph	DO
Anghel, Geanina	MD
Anikwue, Rene Chike	MD
Ansinelli, Richard Allen	MD
Aquino, Karen Marghanita	MD
Bains, Sonia Noreen	MD
Baratta, John Michael	MD
Bauer, Michael James	MD
Bauerschmidt, Michael	MD
Bell, Julie Helene	MD
Bersinger, David Emil	MD
Bisch, Sarah Lynn	MD
Blount, Kendra Joy	DO
Boothe, Emily Schwantes	DO
Boscia, Joseph Anthony	MD
Bowers, Rebecca Jane	DO
Boyko, Michael John	MD
Bragg, Todd Michael	MD
Brawley, Stephen Craig	MD
Brodsky, Aaron Philip	MD
Burke, Brian Lucien	MD
Busch, Joseph Jacob	MD
Bush, Gary Edward	MD
Cardet, Alfred Henry	MD
Carmain, Jon Allen	MD
Causey, Stephen Merrill	MD
Cherry, Steven Bernard	MD
Chovaz, Matthew James	MD
Cillo, Jason Alexander	MD
Clark, Jason Dennis	DO
Clegg, Michael Jon	MD
Cobb, Benjamin George	MD
Cohen, Seth Joseph	MD
Conovalciuc, Pavel	MD
Cornejo Esquerra, Agustin	MD
Cosper, David Shaun	MD

Creel, William Bradley	MD
Dahya, Zarna Jitendra	MD
Deam, Jonathan David	MD
Dean, Bonnie Muzenic	MD
Dodd, William Scott	MD
Dube, Anish Ranjan	MD
Dunn, Matthew Alan	MD
Eckert, Jordan William	MD
Eckstein, Christopher Paul	MD
Edwards, Janet Patricia	MD
Eichenholz, Philip William	MD
Elkins, Larry Henry	MD
Epelboim-Feldman, Joyce	MD
Evans, Martha Marie	MD
Farag Galleon, Anas	MD
Feller, Joseph Howard	MD
Flick, Mark William	DO
Flynn, Gregory Thomas	MD
Foster, Toby Eugene	MD
Frady, Jacob Andrew	MD
Freeman, Stephanie Elizabeth	MD
Gerlach, David Campbell	MD
Gharda, Shirine Marianne	MD
Gladnick, Brian Paul	MD
Goretsky, Michael Jay	MD
Gould, George Alan	MD
Greene, Matthew Wayne	MD
Gupta, Dhanesh Kumar	MD
Haberman, Amy Davis	MD
Hale, Brittani Ann	MD
Hall, Lawrence Russell	MD
Halweg, Paul Richard	MD
Hansen, Jacob Joseph	DO
Haque, Aaisha Shamsul	MD
Harris, Gregory Stuart	MD
Harrist, Terence Jay	MD
Hatfield, Britt Hunter	MD
Hearn, Charles James	DO
Heaton, Alyssa Nicole	MD
Heinselmann, Halsey Anne	MD
Henson, Craig Andrew Nathan	MD
Hess, Leonard Wayne	MD
Hill, Elizabeth Beu	MD
Hoag, Bryan Michael	MD
Hoffman, Stuart Neil	DO
Hoffmann, Ulrike	MD

Hojjati, Hani	MD
Holston, Alexander Michael	MD
Honig, Erin Joan Booth	MD
Hook, Roderick Franklin	MD
Howard, Thomas Michael	MD
Howard, Timothy Mitchell	MD
Hudnall, Stanley David	MD
Hussein, Mohamed Ragae	MD
Iboaya, Ehimemen Ojeabulu	MD
Igdal, Henry	MD
Ikudayisi, David Omotayo	MD
Jackson, Doreen Onipede	MD
Jacobs, Nicole	MD
Jalaj, Sujai	MD
Jamaldeen, Mohamed Azkar	MD
James, Linda Eugenia	MD
Jamison, Cornelius Dijon	MD
Jasien, Joan Mary	MD
Jauhari, Saurabh	MD
Jeelani, Owais	MD
Jernigan, Lisa Marie	MD
Johnson, Mark Stephen	MD
Jones, Angela Marie	MD
Jones, Shayna Dariene	MD
Juckett, Roy Gregory	MD
Jutson, Jennifer Renee	MD
Kapoor, Kapil Gopal	MD
Kay, Atrac Aryan	MD
Kennedy, Michael Anthony	DO
Khasawneh, Faisal Abdulah	MD
Knaus, Gabriele Paula	MD
Knechtle, Stuart Johnston	MD
Knight, Kathryn Teresa	MD
Kohan, Matthew William	MD
Kosinskaya, Ekaterina	MD
Krainin, Joseph Gordon	MD
Kwark, June A	MD
Lagasca, Alicia Myers	MD
Lajoie, Dawn Renee	MD
Lalli, Robert Glenn	MD
Lamond, Ryan Daniel	MD
Landry, Abner Martin	MD
Lane, Ashley Marie	MD
Lane, Thomas Lance	MD
Lanyon, Kenneth Marr	MD
Lemyre, Martin Stephen	MD

Lewis, Katherine Marie	MD
Litwak, Joseph Martin	MD
Lizek, Andrew Len	MD
Long, Ruby Janel	MD
Maenpaa, Garath Alan	MD
Manjunath, Varsha	MD
Maron, Steven Peter	MD
Martinez, Daniel	MD
Martinez, Maria Dolores	MD
Mattingly, Lauren Holly	MD
McGue, John Gregory	MD
McNabb, David Clinton	MD
McNair, John Rufus	MD
Means, Gregory Thomas	MD
Mehandru, Prem Lata	MD
Memon, Zebunnissa	MD
Mendoza Lattes, Sergio Andres	MD
Merti, Gregory Edward	MD
Moore, Andrew Joseph	MD
Morgan, Joseph William	MD
Murphy, Michael Kenneth	DO
Narendra, Nischal	MD
Obasi, Ikenna Erem	MD
Oberheu, Anne Marie	MD
Oberoi, Anupreet	MD
O'Grady, Cristin Moira	MD
O'Neill, Tiffany Erin	DO
Owumi, Winifred	MD
Palmer, Meade Todd	MD
Pandya, Arti Lalitkumar	MD
Paruk, Naseem Suleman	MD
Patel, Ketan Arvindbhai	MD
Patel, Ketan Arvindbhai	MD
Pearlman, Scott Michael	DO
Perlman, Neil Bradford	MD
Pirkle, Vance Newton	MD
Pirro, Alfred Anthony	MD
Pisula, Brian Robert	MD
Rachal, James Colin	MD
Ramesh, Shanthi Sangeetha	MD
Ramharack, Jonathan Bisram	MD
Rammos, Charalambos Kyriakos	MD
Ramsammy, Verai Mardai	MD
Rana, Nabeel Riaz	MD
Reddy, Harshita Gillela	MD
Reid, Laura Jean	MD

Rigby, Michael David	DO
Robinson, Keith Johnson	MD
Rocke, Daniel James	MD
Rodriguez, Saul Ahmed	MD
Roizin, John Dennis	MD
Roth, John William	MD
Rubens, Brandon Stacy	MD
Russell, Inna Vladimirovna	MD
Ryan, Kevin Michael	MD
Sabzwari, Usama	MD
Sadri, Katayoun	MD
Saini, Rubby	MD
Sandhu, Rakesh	MD
Scheck, John Robert	MD
Schell, Steven Kendall	MD
Scott, Vincent Stephen	MD
Sewell, Ainel Boonprakong	MD
Shafiq, Saif Lutfi	MD
Shah, Candice Elizabeth	MD
Shah, Mansi Manjul	MD
Shah, Shaan Hemant	MD
Shirk, Ronald Allen	DO
Shives, Lisa Jo	MD
Simms, Sultan Jabari	MD
Skeete, Larry Johann William	MD
Smith, Tala Parsons	MD
Speed, Sharon Yvonne	MD
Stewart, Jessica Kelly	MD
Stone, Joseph Andrew	MD
Streckert, Matthew Daniel	MD
Sus, Rachana	MD
Swarna, Anjani Devi	MD
Tarr, Megan Elizabeth	MD
Toci, Ashley Latos	MD
Trejo, Octavio	MD
Tring, Vi Song	DO
True, Nicholas Alan	MD
Tsai, Henry Chung-Hsien	MD
Tsan, Gloria Lilian	MD
Vadlamani, Pramod Aditya	MD
Vallangeon, Bethany Dawn	MD
Van Horn, Jill Elaine	DO
Vandegrift, Angela Mari	MD
Vanguri, Sanjay Krishna	MD
Vrochides, Dionisios Vasilios	MD
Weiland, Michael David	MD

Weinberg, Benjamin David	MD
Whitaker, Todd Anthony	MD
Whitten, Joseph Anthony	MD
Wigton, Michael David	MD
Williams, Brent Morrison	DO
Willis, Amos Johns	MD
Wilson, Anna Babayan	DO
Wilson, Kevin William	MD
Woods, Brian Patrick	MD
Yelverton, Joshua Calvin	MD
Young, Bronwyn Louis	MD
Zollicoffer, Carl Donnell	MD

January 26, 2015

Arthur _testarthur
120 Wallford Drive
Rochester, NY 14606

Dear Dr. _testarthur

As a result of satisfying the requirements of the North Carolina Medical Board, you are, as of this date, licensed to practice medicine in the State of North Carolina. **Your license number is 2015-00100 .**

A renewal certificate has been sent to your e-mail address on record. If you did not receive the e-mail, you can obtain a copy of the certificate from our website (click on 'Renewal' and then 'Duplicate Renewal Certificate').

You must renew your license annually within 30 days of your birthday. Renewal is done online (www.ncmedboard.org) and your 3 year CME cycle starts on your next birthday. You must obtain a total of 60 Category 1 CME hours relevant to your current or intended specialty or area of practice by the end of the 3 year cycle. CME FAQ's are available online.

Physicians who dispense medication for a fee must register with the North Carolina Board of Pharmacy, 6015 Farrington Road, Suite 201, Chapel Hill, NC 27517. 919-246-1050. www.ncbop.org

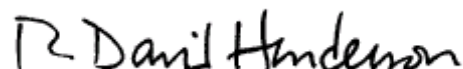
You should direct controlled substance registration questions to the Drug Enforcement Administration (DEA) 75 Spring Street, SW, Room 740, Atlanta, GA 30303. Telephone 1-888-219-8689. FAX# (404) 893-7095. www.usdoj.gov

Physicians should review privilege tax information to determine if you must pay an annual \$50.00 business tax to the NC Department of Revenue, P.O. Box 25000, Raleigh, NC 27640, (919) 733-3673. www.dornnc.com

It is your responsibility to review and be familiar with the "Professional Resource" section on the Boards website www.ncmedboard.org. The section contains applicable laws, rules, position statements, the Board's quarterly publication "Forum" and other items of professional use. Enclosed you will find the Board's position statement on telemedicine or scope of practice for your use.

Please keep the Board's office advised of any address changes.

Sincerely,



R. David Henderson
Executive Director

Nurse Practitioner & Clinical Pharmacist Practitioner Approvals
Issued as of January 2015

NURSE PRACTITIONERS

NAME	PRIMARY SUPERVISOR	PRACTICE CITY
Charles Newton Mullican	Pooja Patil	St. Louis
Deana Elizabeth Henderson	Christopher Snyder	Charlotte
Roberta Ledbetter Brown	Jeffrey Rogers	Winston-Salem
Rebecca Jones Reed	Challie Alvis Minton	Mount Airy
Holly Marie Wilson	Charles Edmond Murphy	Durham
Mercy G Hunter	Peggy Geimer	Wilson
Patricia Healy Gambrell	Ashvin Tadakamalla	Dallas
Ashley Nicole Crews Lloyd	James Sherwood Coxe	Raleigh
Jewel Lynette Scott	Abigail Greiner DeVries	Carrboro
Erika Kirsten De Kam	Julius I. Kehinde Tokunboh	Concord
Thinh Duc Nguyen	Susan Annette Glenn	Raleigh
Lisa Marie Rutherford	Rebecca M Panuski	Mooreville
Elena Polevaya Atchley	Karyn Weston Rahn	Durham
Leah Kirby	Sadia Farook Sait	Charlotte
Fran Van Gelder	Mark Allen Groh	Asheville
Ann Marie McDonald	Kelly Michelle Larson	Waynesville
Deidre Ann Consol	Adaora Alise Adimora	Chapel Hill
Paul William Hoffman	Patrick Eugene Glenn Wright	Greensboro
Novlett SandraMae Campbell	Robert James McHale	Albemarle
Irene Nyakenyanya Machuki	Luis Alejandro	Greensboro
Lauren Rebecca Hill	Benjamin Howard Trichon	Asheville
Christine Margoni Faulds	Elizabeth Kimbrough Burpee	Marion
Rosemarie Odette Wyatt	Lisa Gene Dabney	Ricklands
Ellen Catherine Rindner	Barry Allen Moore	Jacksonville
Nneka Ifeoma Hay	Gary Norman Greenberg	Raleigh
Dawn Ann Drazek	Philippe Jude Zamor	Charlotte
Kristen Elaine Barnette	Thomas More Ray	Lenoir
Suzanne Noelle Carr	Thomas Robert Leonard	Carthage
Sabrina White Walter	Donald Scott Hill	Asheboro
Jacqueline Elizabeth Ploszak	Sachin Surendra Mody	Charlotte
Michelle Blair Starnes	Neil Scott Reece	Hickory
Blanca Iris Padilla	Ronald Paul Olson	Durham
Rebecca Anne Pifer	Alan Clinton Keys	Boomer
Kimberly Wolf Luisana	Henry Joseph VanPala	Garner
Katrina Morris McCourt	Lawrence David Krabill	Wilson
Marian Patricia Michel	Darryl Rhyne	Elkin
Laura Ann Lewis	Randall Paul Scheri	Durham
Jennifer Marie Deekens	Arlene Sena Soberano	Chapel Hill
Hallie C Kennedy	Oliver Andrew Ratcliffe Binns	Asheville
Karen Rice Canipe	Daniel Richard Blizzard	Ocean Isle Beach
Kathleen J Walsh	Janine Lisa Keever	Sylva

Denise De Angelis
Bridget Boatner
Samantha Manuel
Sarit Vaserman
Jesslyn Anika Anderson
Corissa E Peate
Kristin Lauer Allison
Kelley Marie Newman
Meghann McCain
Robin Ipock Longest
Dana Catherine Karp
Carolina Espinoza Griffin
Karen Lamm Clark
Sharon Ann Wareing
Cassandra Jorge Duren
Pa Houa Xiong
Kate Elizabeth Mueller
Tamara Alford Neely
Karen Payne
Jennifer Jolynn Meadows
Kathryn Alice Lofland
Ashley Drew Sprouse
Meryl Ryan Coyle-Johnston
Kathy Ellis Massengale
Micaela Claire Riddle
Michelle Anne Rioux-Nivens
Cynthia Ann Blanton
Katherine Ann Pepin
Elizabeth Ashley Bearden
Rony Boe
Kristin Margaret Ruitter
Maggie Whitt Mazurek
Jacques Jean
Jennifer Roark
Laverne Summers
Jennifer Joy Perry
Kristine Heather Burns
Heather Nelson
Dana Hope Wilson
April P Hargett
Christi Ann Lucus
Ella Lee Davila-Hernandez
Jennifer M Bennett
Miranda Joy Ramsey
Jean Patricia Mannion
Emily Rose Greenlee
Elizabeth Garris Browning
Caroline Townson Brown

Gail Yvonne Kase
Melissa Ann Schutt
Melinda Donelle Wonsick
Margaret Ann Deutsch
Sachin Surendra Mody
Joseph Raymond Elbeery
Joseph Davis Campbell
Charles Otis Boyette
Christopher Snyder
Reza Edward Ershadi
Eugene Bowa Sangmuah
John Clyde Rickabaugh
Joseph Raymond Elbeery
Mathukutty Joseph
James Harbin Cooke
Thomas Joseph Koewler
Dellice Marie Dickhaus
Melissa Jo-Ann Weatherspoon-Cupid
Erika Beth Gromelski Myers
Ann Le Dorsey
Douglas Scott Prechtel
Joseph Dedrick Jordan
Adam Gregory Wolk
Kim Aurora Reynolds
Gary Norman Greenberg
Guy Gerard Lemire
Andrew Eluonye Ighade
Matthew Charles Foster
Benjamin Howard Trichon
Robert Wilson Kieffer
David Thomas Outlaw
James Gary Guerrini
David Joseph Caron
Dawn Valaire Quashie
Jonna Lynn Bernstein
Maya Kahwagi
Adrienne Christine Tounsel
Henry Joseph VanPala
Kevin Bernard Coppage
Larry Thomas Watts
Nolan Rudolph Mauney
Aregai Abay Girmay
Michael Paul Moulton
Daniel Michael Strickland
John Chih-Hsiung Chang
Edward Allen Kepp
John Clements Betancourt
Lawson Zebul Hunley

Asheville
Charlotte
Jefferson
Raleigh
Charlotte
Greenville
Raleigh
Belhaven
Charlotte
Greenville
Matthews
Morehead City
Greenville
Rutherfordton
Concord
Charlotte
St. Louis
Waxhaw
Charlotte
Raleigh
Concord
Chapel Hill
Raleigh
Greenville
Raleigh
Los Alamitos
Charlotte
Chapel Hill
Asheville
Asheville
Cary
Clemmons
Granite Quarry
Raleigh
Kernersville
Snow Hill
Raleigh
Garner
Gastonia
Charlotte
Morganton
Gastonia
Wilmington
West Jefferson
Durham
Albemarle
Rutherford College
Franklin

Stephanie Gurganus Niedzwiecki	Kirk Berry Faust	Raleigh
Emily Stallard	Roy E. Gilbreath	Gastonia
Racheal E Shaddeau	James Lee Owens	Jarvisburg
Juanita Frazier Perkins	Ricky Allan Thomas	Fort Bragg
Sheila N. Cannon	Barry Allen Moore	Jacksonville
Melissa Smith Rose	Tanvir Anwar Chodri	Asheboro
Melissa Jo Receveur	Joel Robert Kann	Morrisville
Molly Beal Toda	Leticia Myers Kribbs	Winston-Salem
Kathryn Mavredes Smith	Joseph Raymond Elbeery	Greenville
Colleen M. Shaughnessy	Robert William Patterson	Sanford
Patricia Ann Kight	Ashokkumar Chatarmalji Jain	Franklin
Cynthia Stephens Bloom	Kathryn Johnson Stephens	Charlotte
Nancy Alyne Wilson	Larry Joe Russell	Hendersonville
Lisa Bailey Wilbanks	Kanchan Puranik Dibert	Gastonia
Leah Howe Cupp	Edward Alan Copelan	Charlotte
Amy Abeyounis Hopkins	James Bryan Cooper	Greenville
Holly Marie Wilson	John Carroll Haney	Durham
Julie Ann Minich-Castro	Ajmal Masood Gilani	Raleigh
Miranda Meyer	Stephen Maurice Miller	Greensboro
Dana Pennell Short	Elizabeth Kimbrough Burpee	Marion
Stephen John Mantzouris	Julia Elizabeth Norem	Fayetteville
Gregory Simpson Marler	Philip David Keith	Winston-Salem
Cheryl Lynn Burke	Marie Emmanuela Ambroise Thigpen	Raleigh
Cheryl Lynn Burke	Marie Emmanuela Ambroise Thigpen	Raleigh
Mary L Hansen	Roger Amal Roshan Hatharasinghe	Statesville
Ann Marie Gardner Hammond	Eric David Weiner	Asheville
Alisha Shanelle Carter	Kenneth Jay Headen	Greensboro
Jeanne Clark Bernat	Mitchell Amuda Mah'Moud	Rocky Mount
Amy Michelle Black	Luis Alejandro	Greensboro
Pandora Robins Goode	Charles Edward Lownes	Greensboro
Jan Stone Allison	Larry Joe Russell	Hendersonville
Monica Ann Molloy	Peter John Clagnaz	Ahoskie
Kathryn Alice Lofland	Viral Prakash Mehta	Monroe
Kathryn Alice Lofland	Nihan Gurcanlar	Charlotte
Teresa W Blanc	Marc Bruce Westle	Asheville
Teresa W Blanc	Kevin Rex Torrey	Asheville
Carol Schmidt Brown	Miriam Minu Fernz	Whiteville
Charlsie Cobb Woodard	Eduardo San Miguel	Kenansville
Kathryn Marie Wriggelsworth	Joseph Charles Crozier	Durham
Kathryn Marie Wriggelsworth	Brian Hugh Halstater	Durham
Melissa Pacello	Scott Shannon Lindblom	Charlotte
Kathryn Marie Wriggelsworth	Logan Gabriel Graddy	Durham
Belinda Christine Ordonez	David Lee Farley	Franklin
Allison Long Steele	Aronica Vonice Williams	Gastonia
Ann Maria Bell	Meaghan Katherine Lafferty-Prather	Lumberton
Sharon Mildred Stitt	Deidra McCants Gatlin	Charlotte
Sharon Mildred Stitt	Deidra McCants Gatlin	Charlotte

Lucretia Paul Newkirk
Emily Suzanne Fox
Lisa Campbell Marks
Julie Pickett Dowless
Elizabeth Taylor Marshall
Julia Elizabeth Hankin
Laura Ann Hardcastle
Melissa Ann Presley
Deborah Lynn Buisch
Loreen Ann Morris
Brittney Parsons Campbell
Stephanie Nichole Machalicky
Margaret Sawyer Zirpoli
Stephanie Knapp
Rebecca Jones Reed
Melanie Blankenship White
Charlotte Clark McNeill
Laura Heinike Stryffeler
Kelly Barnes Laham
Rebecca Wells Denson
Paul Lewis Moore
Valerie Idada Parker
Robin Joy Adriance
Linda Q ONeil
Anne Walker Crawford
Susan Christman Sweeting
Heather M. Fayhee
Laura Heinike Stryffeler
Valarie Mae Goines
Julie Lane Frederiksen
Jon M. Elkin
Megan Reklis Caudle
Laura Ann Lewis
Rebecca Anne Pifer
Deborah Anne Gregory
Tiffany Lynae Purdie
Johnny Burton Moody
Cheryl Lynn Gershey
Nadia Andrade
Wilmot Lambert
Alicia Granados
Christinna Jean Haire
Tanisha Vonchere Harmon
Sara Jayne Alexander
Xiao Qing Fu
Necole Antoinette Tibolla

David Stuart Thompson
Warees Tabber Muhammad
Jeffrey Giles Gaca
Hasan Ahmad Baloch
Pavan Kumar Yerramsetty
Courtney Dawn Mull
Jennifer Marie Rucci
Perry Joseph DePietro
Eric David Weiner
Kevin Barry Shute
Benjamin Nnadozie Anyanwu
Jennifer MacLaughlin Richards
Edward Michael Lynch
Kenneth Scott Garm
Frantz Eli Pierre
James Eugene Kenney
Mohamed Hassan Merghani
Lourdes Amparo Pereda
James Golden Joachim
Michael George Rallis
Bridget Demor King
Venus Idette Pitts
Larry Joe Russell
Lena Katherine White
Brian Anthony Opitz
Robert Stanfill Ellison
James Almer Smith
Frederick Harrison Mabry
Samuel Steven Kelly
Andres Joseph Exposito
Scott Cody Elston
Jonathan Michael Bishop
Julie Kay Marosky Thacker
Donald Douglas Peterson
Janine Lisa Keever
Donald Alan Ribeiro
Lisa Michelle Ford
Shalaka Dayarum Indulkar
Jacob Niall Schroder
Sandra Michele Carr
John Carroll Haney
Peter Kent Smith
Allyson Natasha Boodram
John Carroll Haney
Rosemary Jackson
Robert John Mentz

Gatesville
Fayetteville
Durham
Durham
Raleigh
Marion
Charlotte
Charlotte
Asheville
Winston-Salem
Winston-Salem
Chapel Hill
Suffolk
Wilmington
Mount Airy
Henderson
Rockingham
Angier
Wilmington
Burgaw
Asheville
Durham
Hendersonville
Charlotte
Greensboro
Boone
Raleigh
Southern Pines
High Point
Wilmington
Morrisville
Winston Salem
Durham
North Wilkesboro
Sylva
Hookerton
Charlotte
Fayetteville
Durham
Fayetteville
Durham
Durham
Charlotte
Durham
Durham
Durham

Thomas Page High
Lois Jeaninne Iiams
Vicky Ayres Wolf
Lachina Moore Hollis
Chinyere Bassey Chima
Karen Renee Treasure
Kathryn Anne Zook
Deborah Bahl Gessner
Amanda May Honeychuck
Catherine Mead Voci
Lauren Nicole Browne
Emily Knight Dolleschel
Kimberly A. Howell
Grace Gunderson-Falcone
Laureen Claire Koehler
Rosemarie C Koves
Julia Lynne Mabe
Christina Bishara Kindel
Allison L Jacobs
Caroline Townson Brown
Mark John Vanwiegen
Michael Shann Luttrell
Amanda Frazier Gammon
Stacia Keyunia Tate-Crawford
Nora Davis Paysour
Valencia Hudson Jeffcoat
Bridgette Ann Loburk
Kay Williams Taylor
Dana Pennell Short
Rachael Marie Giesey
Josie Christine Lattimore
Karen Annette Highfill
Mary Coffey Blalock
Cathy Gayle Mann
Linda Simpson Grimes
Leah Kirby
Mary Frances Miller
Frank Joseph Manole
Lois Jeaninne Iiams
Susan Lill Craven
Sherri Boyd Cuddy
Joseph Edward Sandusky
Ali Boyce Cosgrove
Agnes Ohajunwa Nwoko
Deborah Ottavi Krause
Edward Marvin Mckeithan

Theresa Cambre Amerson
Sharon Kane Stafford
Meera Ajanta Kelley
Michelle Allyson Matthews
Deborah I Pierce
Brent Anthony Sunderland
Scott Thomas Chatham
Kristi Martin Smith
Christopher Snyder
Stephanie Rozier Richter
Lee Virdis Gray
James Wayne Davis
Steven Wesley Dibert
John Jacob Marks
Charles Otis Boyette
Kathryn Ann Shaw
Van Slaughter
Eric Ray Skipper
Toni Chagolla Oxendine
Clayton Houston Davis
Drew Campbell Peterson
An'Drea Taylor
Samara Mitchell Llewellyn
Ivan Savitsky
Steven Wesley Dibert
Patricia D Morgan
Victor M Pineiro-Carrero
Lynn Amy Boardman
Margaret Hancock Sullivan
John Wesley Burnett
Anna Quinn Harrelson
Larry Byrum Weems
Daniel Michael Strickland
David Nathaniel Smith
Dr. Herbert William Harris
Sushma Racharla
David Nathaniel Smith
Walter Ang Tan
James Laval Bland
Allyn Benard Dambeck
Sonya Wynee Buchanan
Bertrand Pokam Fote
Daniel Robert Bensimhon
Irving Amilcar Lugo-Santiago
Ayodeji Olusile Rosanwo
Douglas Kenneth Hiltz

Raleigh
Boone
Rocky Mount
Greensboro
Durham
Charlotte
Hickory
Greensboro
Charlotte
Charlotte
Charlotte
Siler City
Gastonia
Raleigh
Belhaven
Monroe
Pinehurst
Charlotte
Pembroke
Franklin
Raleigh
Durham
Winston-Salem
Charlotte
Gastonia
Charlotte
Charlotte
Charlotte
Marion
New Bern
Hendersonville
Huntersville
West Jefferson
Charlotte
Raleigh
Charlotte
Charlotte
Raleigh
Aiken
Clinton
Cleveland
Salisbury
Greensboro
Greensboro
Fort-Wayne
Southport

Anne Marie Mukamana
Kimberly Wolf Luisana
Mary-Joyce Beasley Gibson
Justin Fletcher Segrest
Cora Paulette Kearley
Christine Margoni Faulds
Christine Margoni Faulds
Katrina Proctor Redmond
Patricia E Chisum
Jennifer Rebecca Gray
Corin Alysia Pesci
Joy Bobkoski Ciaccio
Tracy Collins Paterson
Angela McLean Walling
John Geayue Rancy Jr
Stephanie Smith Bowers
Schrita Paulette Herriott
Tamatha Michelle Bednar
Cathy Cook Arney
Kathryn Mavredes Smith
Matthew Parker Padgett
Mary Kathleen Robinson
W. Gail Floyd Sherman
Julie Beth Kaye-Sack
Julie Beth Kaye-Sack
Tony Ray Graham
Vibhaben Nishant Dholakia
Robin H Motley
Deanna Elizabeth Burns
Deborah Beard Phillips
Sandra Jean Johnson
Stephanie Jones Ramsey
Mary Blackwelder White
Lucy Mauney Coombs
Amanda May Honeychuck
Amanda May Honeychuck
Valarie Mae Goines
Kimberly Smith Gallagher
Cathy Cook Arney
Brittani Medina
Eileen A. Slavin
Lalisa Greene Carpenter
Haley Millwood Brown
Kristen Leigh Coletti-Giesler
Pacharo Nyirongo Ndupu
Lashanda Brown Sell

Cristin Marie Trecroce
Nelson Jen An Chao
Betsy Jones Walker
Benjamin Wilbur Johnson
Sujankumar Kirit Patel
Eric David Weiner
Eric David Weiner
Jason Alexander Walker
Collins Osaze Oseki
Ashley Love Sumrall
Caroline Lillian Hebert Rao
Samuel Timothy Bowen
Jeffrey David Seder
Cile Harding Williamson
Cynthia Wells McLemore
John Louis Silvernail
Thad Aaron Clements
Genevieve Anne Wroblewski
Benedict Onwukwe Okwara
David Du Brutz Lewis
Stacey Lawrence Rawls
Anthony Christopher Bianco
John Charles Lucke
Craig Joseph Sobolewski
Craig Joseph Sobolewski
Christopher Morgan Lakin
Mehar Srivani Reddy Ambati
Christine Elizabeth Kistler
Thor Erik Borresen
Joseph Frank Nutz
Aarti Dixit
Christina Marie Dolack
Michael John Bean
Laura Elizabeth Neumann Patel
Henry Joseph VanPala
Henry Joseph VanPala
Melinda Donelle Wonsick
Hans Christian Hansen
Tiffany Nicole Lowe-Payne
Henry Joseph VanPala
David William Lacey
Cecile Mauge Miller Murray
Charlene Pressley Knight
James T. Jeffrey Mullins
Henry Joseph VanPala
Dwight Howard Lysne

Lewisville
Durham
Siler City
Dyersburg
Greenville
Asheville
Asheville
Hickory
Fayetteville
Charlotte
Durham
Hickory
Supply
Pinehurst
Hoffman
Greenville
Charlotte
High Point
Monroe
Washington
Rocky Mount
Morganton
Asheville
Durham
Durham
Charlotte
Apex
Chapel Hill
Charlotte
Morehead City
Winston-Salem
Shelby
Charlotte
Raleigh
Garner
Garner
Jefferson
Conover
Morrisville
Garner
Winston-Salem
Charlotte
Lincolnton
Monroe
Garner
Wilmington

Kendra Rawls Dennison
Cynthia Ann Martin
Kristen Lyn Williamson
Christy Dawn Hinson
Amy Sue Norbury
Reginald Levon Madden
W. Gail Floyd Sherman
Sonya Burke Williams
Tonya Ureda
Julianne Miles Ward
Patricia Grimes Williams
Jane S Owen
Veronica Rae Ann Smith
Shana Brewer Brooks
Lovika McRae Horton
Janet Ruth Cutler
Susan Gail Rucho
Anne F. Lake
Dorit Morecraft
Katharina S Dewald
Jeffrey Allen Siebert
Andora Lippard Mcmillan
Thalia N Williams
James Adam Stocks
Lucretia Paul Newkirk
Lucretia Paul Newkirk
Melissa N. Cockrell
Sharon Faye Lynch-Jones
Marlynnna Christian Haas
Christopher Keith Parris
Adrienne Yolanda Small
Donna Jo Vonne Gibson
Allison Tidwell Bansen
Allison Tidwell Bansen
Jennifer Tetterton May
Kirsten Traub Presby
Tabitha Michelle Hollins
Heather Lea Kinder
Sunita G Tryambake
Jennifer Lynn Perkins
Stephenie V Brinson
Julie Ann Holley
Danielle Elisabeth Hecht
Melissa Sherrill Williams
Deanna Leah Maclaren
Katherine Bilbro Fisher

Claire Elise Farel
Luis Alejandro
Murat Osman Arcasoy
Kia Renece Sewell
Leslie Chavez
Pratik Vipin Desai
John Charles Lucke
Michael Robert Towarnicky
Daniel Patrick McMahon
Jeffrey David Seder
Joan Reback Williams
Laura Elizabeth Neumann Patel
Robert Michael Smith
Benjamin Welton Warner
David Stuart Thompson
Charles Otis Boyette
Joshua Shaeffer Hill
Anna Noel Miller
Jennifer Marie Rucci
Henry Garland Edmundson
Sharon Buckwald
John Charles Gatlin
Herbert William Harris
Tom Ashar
Sherry Bernita Brown
Sherry Bernita Brown
Andre Lemeac Minor
George Tracy Talbot
Beth Elisa Susi
Andrew Michael Pacos
Ronald Paul Olson
Martin Palmeri
Derek M Reed
Derek M Reed
Jeffrey David Seder
Mahesh Kumar Duggal
Wesley Hsu
Robert Newton Falge
Peter Brent King
Arlene Sena Soberano
Thomas Payson Thompson
Amber Bethany Strother
Curtis Reinhold Preik
Beata Agnieszka Skudlarska
Margaret Hancock Sullivan
Robert James McHale

Chapel Hill
Greensboro
Durham
Greenville
Greenville
Cary
Asheville
Pollocksville
Charlotte
Supply
Yadkinville
Raleigh
Charlotte
Winston-Salem
Gatesville
Belhaven
Charlotte
Winston-Salem
Charlotte
Smithfield
Greenville
Mooresville
Raleigh
Atlanta
Windsor
Windsor
Southport
Wilson
Charlotte
Wake Forest
Durham
Asheville
Stanley
Stanley
Supply
Concord
Winston-Salem
Raleigh
Charlotte
Chapel Hill
Morrisville
Greensboro
Charlotte
Charlotte
Marion
Albemarle

Wanda Barley Watlington
Zakkiyya Nasreen Mumin
Hillary Yabo Yu
Rupa Patel
Angela Jacquelyn Sharpe
Victoria M Ramsey
Tenesa Yashica Shevon
McCaskill-Gainey
Stacy Kristen Mullet
Kelley Renee Bradley
Maria Farago Knupp
Stephanie Lomax Johnson
Kimberly Louise Johnson
Kelly Baker Erskine
Samantha Manuel
Samantha Manuel
Samantha Manuel
Karen Brown Jones
Judith Walker Gentile
Susan Kathleen Jackson
Christina Mills Harrelson
Kelly Lynn Jernigan
Laurie Reynolds Bowles
Emmanuel Olushola Uloko
Hanaan Abdel Fatah Salamah
Sunshine Marie Padilla
Judith Ann Harazim
Judith Ann Harazim
Cheryl Herndon Lloyd
Donna White Bass
Dolorosa Ticsay Pachao
Meghan Blankmann
Corda Anne Johnson
Mary V Spainhour
Hazel Irene Shepherd
Hope Miles Neese
Coleen E. Moore
Nicole Cagle Clamp
Leslie Nielsen Brown
Michael Bradley Marks
Amber Emery Remington
Tammy Adams Worrell
Monika Goodwin Trogdon
Minda Kramer
Elizabeth Claire Compton
Julie Shell Daniels
Julie Shell Daniels

Katherine Ann Farris
Beata Agnieszka Skudlarska
Timothy Alan Collins
Gary Norman Greenberg
Donald Bernard Schmit
Keven Robert Chung

Henry Joseph VanPala
Stacy Comfort Le
Christopher Randolph Clapp
Renee Marie Banaszak
Kanchan Puranik Dibert
Tandeka Nix Burks
William John McLeod
Kevin Rex Torrey
Eric David Weiner
Marc Bruce Westle
Charles Alvin Cook
Carl Lansing Berg
Kimberly Ann Johnson
Cecile Mauge Miller Murray
Thomson Cable Pancoast
James Edward Jewell
William Thomas Harris
Thomas Alan Brant
Robert Joseph Reichling
Deanna Ashley Mangieri
Deanna Ashley Mangieri
Cassandra Marie Hornbuckle
Holly Alisha Carraway Warren
Joseph Todd Perry
Archana Kumar
Theodore Robison Winneberger
Dennis Alan Turner
Deborah Ann Payne
James Douglas Kindl
Robert William Patterson
Henry Joseph VanPala
Elizabeth Ann Wanek
Eduardo San Miguel
Eric Semeko
Elizabeth Ann Wanek
Karyn Weston Rahn
Robert Alexander Poth
Daniel Joseph LaValley
Mario Augusto Rojas
Mario Augusto Rojas

Winston-Salem
Charlotte
Durham
Raleigh
Concord
Laurinburgh

Garner
Huntersville
Lenoir
Greenville
Gastonia
Fayetteville
Eden

Asheville
Asheville
Raleigh
Durham
Smithfield
Charlotte
Greenville
King
Winston-Salem
Charlotte
Lenoir
Concord
Concord
Oxford
Snow Hill
Winston-Salem
Greensboro
Wilmington
Durham
Durham
Greensboro
Sanford
Garner
Greensboro
Kenansville
Charlotte
Greensboro
Durham
High Point
Greenville
Winston-Salem
Winston-Salem

Michelle Angelina Baynham	Jonathan Andrew Flom	Fayetteville
Ashley Elizabeth Head	Michael Lamar Anthony	Cary
E Rosellen Dedlow	Thomas Howard Kuhn	Greensboro
Dawn Marie Paretta-Leahey	Thomas Howard Kuhn	Greensboro
Rebecca D MacMinn Snider	Cynthia Hecker Brown	Asheville
Joanne Beecher Van Horn	Olivia Jasvant Jeewan McCallum	Morehead City
Rosemary Hietkamp	Emmanuel Okechukwu Nwamara-Aka	Fayetteville
Terry York Law Jr	Adrienne Christine Tounsel	Raleigh
Celia Forno	Hasan Ahmad Baloch	Durham
Maureen Hagerty Link	Beth Elisa Susi	Charlotte
Barbara Ann Sharp	Henry Joseph VanPala	Garner
Rhonda Wells Lucas	Amelia Pugh Wilson	Yanceyville
Sheela John Thomas	Hsiupe Chen	Raleigh
Bobi Anne Crump	Thomas Howard Kuhn	Greensboro
Stephanie Ann Winfrey	Andrew Monteleone	Winston-Salem
Steffanie Deniece Sullivan	George Louis Raad	Charlotte
Ila Leigh McKenzie	James Golden Joachim	Wilmington
Hilary Erin Harris	Scott Cody Elston	Morrisville
Lisa Diefenderfer Horan	Venus Idette Pitts	Durham
Nancy Ann Marshall	Vanessa Jean Sturgill Fant	Woodlawn
Michelle Lorraine Deguire	Pooja Patil	St. Louis
Christy Williams Welborn	Tae Joon Lee	Greenville
Albert Petrus Wirawan	Ray Feaster	Charlotte
Sheree Whitlock Sullivan	William Troy Turlington	Smithfield
Matthew Jon Feinberg	Peter Brent King	Charlotte
Amanda Catherine Haynes	Thomas Payson Thompson	Morrisville
Tiffany Lynn Shreve	Timothy Patrick Dailey	Boone
Emily Rebecca Gibbons	Nilima Vikram Shukla	Gastonia
Mary Angela Newton-Shy	Stephen Louis Lanuti	Laurinburg
Catherine Rose Major	Charlie LeBron Swanson	Pinehurst
Roni Anne Tomarelli	Guyton Joel Winker	Spindale
Nicholas Howard Alexander	Michael John Sylvia	Yanceyville
Amanda Dillon Beasley	Meryl Jones Snow	Lexington
Norene Annette Newman	Christopher Morgan Lakin	Charlotte
Carole Jane Worthington	Robert Ernest Williams	Durham
Adaora Chinyelu Otubelu	Anthony Crozat Smith	Greenville
Tamara Alford Neely	Melissa Jo-Ann Weatherspoon-Cupid	Waxhaw
Karen Payne	Robert James Updaw	Charlotte
Virginia Bongiorno Mclean	Kevin Francis McEnaney	Clayton
Debra McMehan Parker	Sharon Buckwald	Greenville
Lori Michelle Haskins	William Ward Hurd	Durham
Adrian Jay McCoy	Bradley Harris Reddick	Charlotte
Adrian Jay McCoy	Bradley Harris Reddick	Charlotte
Stacey Evelyn Pope Furr	Edward Allen Kepp	Albemarle
Kathy Ellis Massengale	Felicia Duff Hussey	Pikeville
Laura Allison House	Jonathan Mark Collins	Charlotte

Angela Trombley
Dina Elaine McNeil
Mary L. Blake
Kristen Leigh Coletti-Giesler
Debra Marie Boggs
Kathy Ellis Massengale
Micaela Claire Riddle
Kimberly Sharna Squires
Bonnie Mcswaney Angelelli
Shauna Coleman
Malinda Stewart Sherrill
Justine Koerner Tye
Sara Vanessa Taylor
Sara Vanessa Taylor
Julia Queen Brackett
Molly Ann McCallum
Shieghetha Lennette Edwards
Jaleen Lynn Klink
Mary Jordan McNinch
Mary Jordan McNinch

Mathukutty Joseph
Gregory Philip Helton
Adam Gregory Wolk
Moshe Mark E. Usadi
Jonathan Michael Bishop
Rickie Wade Ellis
Melanie Mintzer
Robert James McHale
An'Drea Taylor
Scott Cody Elston
Mark Lewis Kiefer
Abhik Kumar Biswas
Patrick Phelps Craft
Patrick Phelps Craft
Thomas Edwin Meek
Leonard Jason Lobo
Robert James McHale
Henry Joseph VanPala
Peter John Dorton
Peter John Dorton

Rutherfordton
Chapel Hill
Raleigh
Wadesboro
Winston Salem
New Bern
Cary
Albemarle
Durham
Morrisville
Lincolnton
Fayetteville
Butner
Butner
Rutherford College
Chapel Hill
Albemarle
Garner
Charlotte
Charlotte

CLINICAL PHARMACIST PRACTITIONERS

Bundeff, Andrew
William
Isom, Courtney
Blackwell

Anesthesiologist Assistant, Perfusionist & Provisional Perfusionist Licenses
Issued as of January 2015

Perfusionists:

Carter, Christopher Bryant (provisional converted to full)
Allred, Jennifar Gomes (provisional converted to full)

Anesthesiologist Assistants:

Allen, Erin Kilelee

North Carolina Medical Board
PA Licenses Approved
January 2015

Initial PA Applicants Licensed 11/01/14 – 12/31/14
PA-Cs

Name

Albertson, Cassandra Clay	12/09/2014
Aldrich, Gary Lee	11/13/2014
Alvarado, Kari Ann	12/29/2014
Andrews, Jamie Michael	12/02/2014
Badger, Brian William	12/18/2014
Branch, Rachel Leigh	12/19/2014
Buonanno, Nicole Theresa	12/11/2014
Busbin, Sarah Maria Anna	12/19/2014
Byman, Aimee	11/05/2014
Cain, Christopher Lee	12/22/2014
Cain, John Herbert	11/20/2014
Clark, Saige Michelle	12/30/2014
Cole, Katherine	12/19/2014
Coles, Diane Elaine Mayhugh	11/04/2014
Conner, William Blake	12/22/2014
Culver, Meaghan Rae	12/09/2014
Cutlip, Stephanie Jo	12/08/2014
De Nicola, Bernadette Kathleen	11/10/2014
Deibler, Heather Ruth	12/02/2014
Dein, Andrew Joseph	12/01/2014
Del Castillo Matos, Elaine	12/31/2014
Deori, Brian	11/04/2014
Dominguez, Christopher Britt	12/04/2014
Dorgan, William C	12/09/2014
Dunphy, Patrick Admiral	12/09/2014
Ebbs, Tara	12/19/2014
Evans, Brianne Hendrick	12/19/2014
Franck, Patrick Arthur	12/30/2014
Franks, Adam Benjamin	12/19/2014
Fried, Susan	12/11/2014
Goldthwait, Ashley	11/05/2014
Graybehl, Melissa Leigh	11/17/2014
Green, Matthew Steven	12/29/2014
Guignard, Sanders Dickinson	12/29/2014
Hagan, Christie Lynne	12/30/2014
Harris, Stephen Allen	12/31/2014
Hartung, Jennifer Dawn	12/19/2014
Hefner, Hannah	12/29/2014
Hilliard, J Michael Andrew	11/24/2014

Holland, Tamora Leona	12/29/2014
Honaker, Jason Kyle	12/17/2014
Juarez, Albert	12/02/2014
Keeney, Vincent P	12/30/2014
Kegan, Benjamin Nathan	12/29/2014
Kelley, Sandra	11/10/2014
Kuwamoto, Roderick Dean	11/07/2014
Lagomarcino, Jacob Thomas	12/22/2014
Lovette, Leslie Geneva	12/22/2014
Mangrelli, Meghan	12/31/2014
Melvin, Casey Nicole Everhart	12/30/2014
Miller, McKenzie Elizabeth	12/29/2014
Mitchell, Cynthia Loree	12/08/2014
Mullendore, Curt James	11/10/2014
Nicolaisen, Lynn	12/05/2014
Nygaard, Tiana Natal	12/09/2014
Palmer, Harlee Brooke	12/30/2014
Parthasarathi, Anjali	11/05/2014
Patrocinio Massinga, Christine McCree	12/19/2014
Pattan, Seth William	12/19/2014
Phillips, Charles Henry	12/19/2014
Popelka, Nancy	12/04/2014
Ramsden, Christina	11/21/2014
Reed, Jillian Alyssa	12/19/2014
Renz, Anastasia Dolgovskij	12/22/2014
Rodgers, Ryan Allen	12/19/2014
Romano, Eileen Anne	12/09/2014
Ronk, Ashley	12/19/2014
Rook, Jessica Marie	12/29/2014
Sanders, Kristina Lucille	12/19/2014
Sanyang, Kaddijatou	12/31/2014
Schulhof, Erin Nicole	12/19/2014
Smith, Justin Norwood	12/29/2014
Spektor, Ganna	11/20/2014
Stearns, Barton Daniel	12/19/2014
Steele, Cleatus Matthew	12/22/2014
Stetson, Taylor McCall	11/21/2014
Tate, Thomas Chadwick	12/01/2014
Thompson, Amme Rachel	12/29/2014
Troutman, Blair Keith	12/29/2014
Tucker, Rebecca Sue	12/02/2014
Volpe, Daniel John	12/09/2014
Wagner, Ashley Morgan	12/29/2014
Wall, Michael Andrew	12/19/2014
Wall, Tonya Michelle	12/29/2014
Welch, Victoria Camille	12/29/2014
Wells, Laura Rose	12/31/2014
Williams, Kathryn Lynn	12/17/2014
Williams, Ryan E	11/20/2014

Winfrey, George	12/19/2014
Wolfe, Sarah Grace	12/29/2014

PA-Cs Reactivations/Reinstatements/Re-Entries

Name

Hurst, Teresa Thompson	11/25/2014
Watkins, Elyse Jan	12/08/2014

Additional Supervisor List 11/01/14 – 12/31/14

PA-Cs

Name	Primary Supervisor	Practice City
Adams, Jason	Khosrowpour, Saied	Wilson
Adams, Lance	Gaca, Jeffrey	Durham
Aldrich, Gary	Flanagan, James	Fayetteville
Alexander, Julia	Restino, Elizabeth	Denver
Anderson, Kenneth	Brant, Thomas	Clayton
Anderson, Tyler	Burgess, William	Matthews
Armeau-Claggett, Elin	Wilson, Amelia	Yanceyville
Arthur, Amelia	Patterson, Robert	Sanford
Badger, Brian	Grello, Anthony	Fayetteville
Barron, William	Van Dongen, Philip	Edenton
Baucom, Jenny	Sylvia, Michael	Yanceyville
Baur, Christina	Shelton, Phyllis	Asheville
Bednar, Robert	Mahaffey, Danielle	High Point
Bender, Currin	Carson, Larry	Pinehurst
Bender, Currin	Guevara, Jason	Pinehurst
Beneville, Claudia	Peterson, Drew	Raleigh
Bergin, Cameron	D'Amore, Kirsten	Gastonia
Berryhill, Grover	Saini, Hari	Fayetteville
Berryhill, Grover	Idrissi, Rachid	Benson
Bewick, Ronald	Perdue, Philip	Greenville
Beyder, Rostislav	Denning, Christopher	Gastonia
Beyder, Rostislav	Tedesco, Mark	Gastonia
Blocher-Steiner, Sarah	Robinson, Gary	Lumberton
Boggs, Kimberly	Bryan, James	Durham
Bowen-Brown, Taisha	Rahn, Karyn	Raleigh
Boyce, Mary	Foreman, Brett	Raleigh
Bradshaw, Shanna	Cromer, John	Wilmington
Brenneman, Gerald	Butler, Brad	Anger
Bridger, Jennifer	Polidoro, Angelique	Williamston
Brooks, Whitney	Schwarz, Christopher	Raleigh
Broyan, Channing	Potts, Kevin	Wilmington
Broyan, Channing	Forstner, James	Southport
Buckner, Rebekah	Priest, David	Winston Salem
Buddendeck, Brian	Mullins, James	Monroe
Burleson, Pamela	Greer, Chad	Raleigh

Byrd, James
Cain, Christopher
Cain, John
Carducci, Afton
Carpenter, Cheryl
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