

# **MINUTES**

**North Carolina Medical Board**

**March 19-20, 2014**

**1203 Front Street  
Raleigh, North Carolina**

# General Session Minutes of the North Carolina Medical Board Meeting held March 19-20, 2014.

The March 19-20, 2014 meeting of the North Carolina Medical Board was held at the Board's Office, 1203 Front Street, Raleigh, NC 27609. Paul S. Camnitz, MD, President, called the meeting to order. Board members in attendance were: Cheryl L. Walker-McGill, MD, President-Elect; Pascal O. Udekwu, MD, Secretary/Treasurer; Eleanor E. Greene, MD; Subhash C. Gumber, MD; Mr. Michael Arnold; Ms. H. Diane Meelheim, FNP; Debra A. Bolick, MD; Timothy E. Lietz, MD; Barbara E. Walker, DO and Mr. A. Wayne Holloman. Absent was Ms. Thelma Lennon.

## **Presidential Remarks**

Dr. Camnitz 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 January 15, 2014 Board Minutes and the February 20, 2014 Hearing Minutes.

## **Announcements**

1. David Henderson, Executive Director, informed the Board that the new PHP Compliance members would be appointed within the next few weeks.
2. Jean Brinkley, Director of Public Affairs, introduced Ms. Theresa Somerville as the new public affairs specialist at NCMB.
3. Judie Clark, Director of Complaints, recognized Ms. Carol Puryear on her 10 year anniversary with the NCMB.
4. Jean Brinkley, Director of Public Affairs, gave a presentation to the Board -"2013: Year in Review".
5. Dr. Warren Pendergast, Medical Director, NC Physician's Health Program, gave the PHP annual report to the Board.
6. Dr. Warren Pendergast, Medical Director, NC Physician's Health Program, gave the Board the PHP Compliance report.

## **ATTORNEY'S 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.

The Board's attorneys gave a report and advice regarding one non-public attorney-client privileged matter.

A motion passed to return to open session.

## **EXECUTIVE COMMITTEE REPORT**

The Executive Committee of the North Carolina Medical Board was called to order at 3:30 p.m. on Wednesday March 19, 2014, at the offices of the Board. Members present were: Paul S. Camnitz, MD, Chairperson; Cheryl L. Walker-McGill, MD; Pascal O. Udekwu, MD; Eleanor E. Greene, MD; and Mr. Michael J. Arnold. Also present were R. David Henderson (Executive Director), Hari Gupta (Director of Operations) and April F. Pearce, CPA (Comptroller).

### Open Session

#### 1) Financial Statements

##### a) Monthly Accounting

The Committee reviewed the compiled financial statements for December 2013 and January 2014. January is the third month of fiscal year 2014.

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 January and February 2014.

Committee Recommendation: Accept the investment statements as reported.

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

#### 2) Old Business

##### a) Task Tracker

The Committee reviewed outstanding items on the Executive Director's Task Tracker.

Committee Recommendation: Add work with the Cumberland County Medical Society to the Task Tracker.

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

##### b) Concerns Raised by Members of the Cumberland County Medical Society

Beginning in November 2013, members of the Cumberland County Medical Society (CCMS) have raised several concerns regarding various Board policies including posting hospital suspensions for delinquent medical records on the Board's website, enforcement of the Board's Position Statement on Obesity, and issuance of private

letters of concern (PLOC). Dr. Michael Bryant, Secretary, CCMS, met with the Committee to discuss some of these issues.

Committee Recommendation: The Executive Director to write and convey the following to the CCMS:

1. Regarding the request that the Board should exercise better judgment in deciding when to send a PLOC, the Board will redouble its efforts to make sure a PLOC is only sent in those cases where there is a clear cut and provable violation of the Medical Practice Act (MPA), but for which the Board has decided not to initiate a public proceeding.
2. Regarding the request to modify the closure letter to complainant in cases where a licensee has received a PLOC, the following language will be used: "After carefully evaluating all available information, we concluded there was not sufficient evidence to prosecute a violation of the Medical Practice Act. However, the Board did have concerns, which it shared with Dr. Smith."
3. Regarding the request that the Board categorize all cases closed without any action ("Accept as Information" or "AAI") to have been an "inquiry" instead of an "investigation," the Board will ask its Legal Department whether it is permissible for the Board to define its review of all complaints as "inquiries" unless/until private or public action is taken, which would cause the review to be considered an investigation.
4. Regarding the request that the Board change its interpretation of G.S. 90-14.13 (a)(2) (a hospital is only required to report actions "that [have] been finally determined by the governing body of the institutions") and consider suspensions for delinquent medical records to be "temporary" suspensions such that they would not have to be reported to the Board, the Board continues to believe these suspensions are final within the meaning of the statute and, therefore, must be reported once there are three such suspensions within a calendar year. However, the Board will initiate discussions with interested parties to discuss possibly removing this reporting requirement from the MPA.
5. Regarding the concern that the Board has failed to enforce its Obesity Position Statement which states the use of hCG is inappropriate for weight loss, the Board has decided to (1) remove a specific reference to hCG in the position statement, and (2) continue to investigate, when reported to the Board, treatment modalities that are not based on sound scientific evidence.
6. Regarding the request that the Board record a Roll Call Vote on all matters of public policy, Board policy requires all Board members to support the Board's final decision regardless of how they voted. Therefore, the minutes will continue to simply reflect the majority decision. That said, CCMS members are welcome to attend all public sessions of the Board to see how Board members vote.

Board Action: Regarding number three above, the Board, following a lengthy discussion, decided to defer a decision until the May Board meeting. Regarding all other numbered items above, the Board accepted the Committee recommendations.

### 3) New Business

There was no new business to discuss.

The Committee adjourned at 5:00 p.m.

The next meeting of the Executive Committee is tentatively scheduled for May 14, 2014, at 3:30 p.m.

### **POLICY COMMITTEE REPORT**

Committee Members: Dr. Udekwu, Chairperson; Mr. Arnold, Dr. Walker-McGill, Dr. Bolick. Also participating in the Committee meeting were Dr. Camnitz and Dr. Leitz. Absent from the meeting was Ms. Lennon. Staff: Todd Brosius and Wanda Long

#### 1. Old Business

##### a. Position Statement Review

##### i. Departures from or Closings of Medical Practices (APPENDIX A)

03/2014 Committee Discussion: Brochure regarding Departures and Closings is also before Outreach Committee. Committee discussed obtaining input from various stake holders. It was determined that the brochure should target a completion date of May 2014.

03/2014 Committee Recommendation: Brochure will be submitted to Outreach and Policy Committees for comment within the next two weeks. The Committee will delegate promotion of the Board's efforts to Mrs. Brinkley and Mr. Brosius. The Policy Committee will also review the Position Statement for consistency with the brochure.

03/2014 Board Action: Approve the Committee Recommendation.

#### 1. Old Business

##### a. Position Statement Review

##### ii. Telemedicine (APPENDIX B)

03/2014 Committee Discussion: Mr. Arnold updated the Committee on the progress of the FSMB guidelines. They have received initial approval and will be up for final approval at the FSMB Annual meeting. It was also discussed that representatives of Blue Cross Blue Shield will present information to the Committee at its July 2014 meeting. Dr. Udekwu also indicated that two Board members would be attending the CTEL meeting.

03/2014 Committee Recommendation: Table issue until the July 2014 meeting.

03/2014 Board Action: Approve the Committee Recommendation.

#### 1. Old Business

##### a. Position Statement Review

##### iii. Policy for the Use of Controlled Substances for the Treatment of Pain

03/2014 Committee Discussion: Dr. Sheppa discussed the staff efforts at compiling guidelines for the prescribing of controlled substances. The current draft represents a hybrid approach to the FSMB and Indiana guidelines on this topic. The Committee discussed how to best implement these guidelines. The Committee discussed implementing both the guidelines for more in depth

discussion of the prescribing of controlled substances as well as a more succinct Position Statement providing more general guidance to its licensees. Dr. Udekwu also suggested creating a separate document that addresses prescribing controlled substances for acute conditions.

03/2014 Committee Recommendation: Adopt the guidelines for the purpose of soliciting external review and comment from stakeholders (to include the State Health Director and other executive branch agencies) and the public. The Committee and the full Board will review the comments in advance of the May Board meeting with the goal of finalizing formal adoption at that meeting. After final adoption of the guidelines, the Committee will develop a new Position Statement that summarizes and references the full guidelines.

After finalizing the guidelines for the treatment of chronic pain, the Committee will consider development of a policy pertaining to prescribing of controlled substances for acute conditions.

03/2014 Board Action: Approve the Committee Recommendation.

2. New Business:

a. Position Statement Review (APPENDIX C)

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.

2. New Business:

a. Access to Physician Records (APPENDIX D)

03/2014 Committee Recommendation: Table until May 2014 meeting.

03/2014 Board Action: Approve the Committee Recommendation.

2. New Business:

b. Integrative Medical Society request for reconsideration of the Treatment of Obesity position statement with reference to use of HCG

03/2014 Committee Discussion: It was briefly discussed that this matter was scheduled to be addressed in the Executive Committee.

03/2014 Committee Recommendation: Table until the Executive Committee addresses issue.

03/2014 Board Action: Approve the Committee Recommendation.

## **LICENSE COMMITTEE REPORT**

The License Committee of the North Carolina Medical Board was called to order at 2:15 p.m., March 19, 2014, at the office of the Medical Board. Members present were: Mr. Michael Arnold, Chairperson, Subhash Gumber, MD, Diane Meelheim, FNP-BC, Timothy Lietz, MD, Mr. A. Wayne Holloman, Scott Kirby, MD, Michael Sheppa, MD, Nancy Hemphill, Thom Mansfield, Patrick Balestrieri, Carren Mackiewicz, Joy Cooke, Michelle Allen and Mary Rogers

Open Session

Old Business  
None

New Business

Electronic Verification of Education – See appendix I

Issue: Staff continues to research ways to make the licensing process less cumbersome for those involved. One recent change the Board made was to not require the seal of the educational institution. This allows verification of education to be received electronically.

Committee Recommendation: Allow educational institutions to type the name of the verifying official on the form as opposed to requiring a signature so that the form can be completed electronically, as well as transferred electronically.

Board Action: Allow educational institutions to type the name of the verifying official on the form as opposed to requiring a signature so that the form can be completed electronically, as well as transferred electronically.

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.

Seven 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.

The meeting adjourned at 3:05 p.m.

The next regular meeting of the License Committee is tentatively set for the May, 2014 Board meeting.

## **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.

Four 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**

The Allied Health Committee of the North Carolina Medical Board was called to order at 1:00 p.m., Wednesday, March 19, 2014 at 1201 Front St., Raleigh, NC.

Committee Members present were: H. Diane Meelheim, FNP-BC, Chairperson; Subhash C. Gumber, MD and Barbara E. Walker, DO. Also present were Marcus Jimison, Lori King, CPCS, Quanta Williams, Jane Paige, Katharine Kovacs, PA and Robert Bednar. Committee Members Absent: None.

Open Session Physician Assistants

2013 PA Compliance Review Report

Issue: 2013 PA Compliance Review Report – D. Pittman discussed.

Committee Recommendation:

Accept 2013 PA Compliance Review Report for information. The NCMB Staff to add information to the Forum.

Board Action:

Accept 2013 PA Compliance Review Report for information. The NCMB Staff to add information to the Forum.

PA Intent to Practice Letters

Issue: PA Intent to Practice Letters – K. Kovacs discussed.

Committee Recommendation:

Accept the revisions to the PA Intent to Practice Letter to read as follows:

Your Intent to Practice form to use **PA's name** as a physician assistant was received by the North Carolina Medical Board on **00/00/2014**.

As the primary supervising physician, you accept responsibility for the medical acts, tasks and



functions performed by the physician assistant working under your supervision. Also, please be advised that it is the responsibility of both the physician assistant and the primary supervising physician to ensure that the Board's rules governing physician assistants are followed.

Please note further that Board rules require the primary supervising physician and the physician assistant to complete and maintain several documents that describe the scope of practice of the physician assistant and the supervision provided by the primary supervising physician. These documents must be completed, signed, and available upon request prior to the physician assistant performing any medical tasks or undertaking patient care. A complete list of required documents may be found on the Board's website under Professional Resources/Rules [[www.ncmedboard.org](http://www.ncmedboard.org)].

Your physician assistant has been assigned number **0010-0000** by the Medical Board. This number authorizes your physician assistant to prescribe drugs that are included in the written scope of practice. As required by Board rule, this number must be indicated on all prescriptions issued by your physician assistant.

Board Action:

Accept the revisions to the PA Intent to Practice Letter to read as follows:

Your Intent to Practice form to use **PA's name** as a physician assistant was received by the North Carolina Medical Board on **00/00/2014**.

As the primary supervising physician, you accept responsibility for the medical acts, tasks and functions performed by the physician assistant working under your supervision. Also, please be advised that it is the responsibility of both the physician assistant and the primary supervising physician to ensure that the Board's rules governing physician assistants are followed.

Please note further that Board rules require the primary supervising physician and the physician assistant to complete and maintain several documents that describe the scope of practice of the physician assistant and the supervision provided by the primary supervising physician. These documents must be completed, signed, and available upon request prior to the physician assistant performing any medical tasks or undertaking patient care. A complete list of required documents may be found on the Board's website under Professional Resources/Rules [[www.ncmedboard.org](http://www.ncmedboard.org)].

Your physician assistant has been assigned number **0010-0000** by the Medical Board. This number authorizes your physician assistant to prescribe drugs that are included in the written scope of practice. As required by Board rule, this number must be indicated on all prescriptions issued by your physician assistant.

Scope of Practice for Medical Responders and other Emergency Responders.

Issue: Dr. Winslow is requesting a change in the Scope of Practice regarding Naloxone for Medical Responders and other Emergency Responders.

Committee Recommendation:

Accept the request for the NC Medical Board to authorize the addition of intranasal Naloxone to the Scope of Practice for any individual authorized to provide medical assistance under an EMS system's First Responder Program. Also, authorize that law enforcement officers can administer intranasal Naloxone with the following requirements which must be approved by the local County EMS Medical Director:

1. They must administer the Naloxone under the medical oversight of the County EMS Medical Director, and be incorporated into the respective EMS System in which they are administering the Naloxone.
2. They must receive appropriate training and continuing education as approved by the local County Medical Director.
3. The Naloxone must be administered as part of a protocol and procedure approved by the County EMS Medical Director, and the NC Office of EMS.
4. All administration of Naloxone must be reviewed by the EMS Peer Review/Quality Management Committee of the EMS System, which functions under the supervision of the local County EMS Medical Director.

**Board Action:**

Accept the request for the NC Medical Board to authorize the addition of intranasal Naloxone to the Scope of Practice for any individual authorized to provide medical assistance under an EMS system's First Responder Program. Also, authorize that law enforcement officers can administer intranasal Naloxone with the following requirements which must be approved by the local County EMS Medical Director:

1. They must administer the Naloxone under the medical oversight of the County EMS Medical Director, and be incorporated into the respective EMS System in which they are administering the Naloxone.
2. They must receive appropriate training and continuing education as approved by the local County Medical Director.
3. The Naloxone must be administered as part of a protocol and procedure approved by the County EMS Medical Director, and the NC Office of EMS.
4. All administration of Naloxone must be reviewed by the EMS Peer Review/Quality Management Committee of the EMS System, which functions under the supervision of the local County EMS Medical Director.

**ANESTHESIOLOGIST ASSISTANTS**

No items for discussion

**NURSE PRACTITIONERS**

No items for discussion

## CLINICAL PHARMACIST PRACTITIONERS

Proposed rule changes for pharmacists administering vaccines (21 NCAC 32U .0101). See Appendix J.

Board Action: Adopt proposed changes to 21 NCAC 32U .0101. In addition, it is recommended that Medical Board staff work with Pharmacy Board staff to develop a process whereby physicians are notified by the Pharmacy Board whenever they are designated as a supervising physician by an immunizing pharmacist

## PERFUSIONISTS

Open session portion of the January Perfusionist Advisory Committee (PAC) minutes

Issue: The open session minutes of the January PAC meeting have been sent to the Committee members for review.

Board Action: Accept the report of the open session minutes as information.

## 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.

Two 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**

The Disciplinary Committee (Complaints/Malpractice/ME) of the North Carolina Medical Board was called to order at 8:00 a.m. on March 19, 2014 at the office of the Medical Board. Board Members present were: Cheryl Walker-McGill, MD (chairperson), Mr. A. Wayne Holloman, Timothy Lietz, MD, H. Diane Meelheim, FNP, Pascal Udekwa, MD, and Barbara Walker, DO. Staff present: Judie Clark, Scott Kirby, MD, Michael Sheppa, MD, Katharine Kovacs, PA, Amy Ingram, Carol Puryear, Sherry Hyder, Thom Mansfield, Todd Brosius, Patrick Balestrieri and Marcus Jimison.

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 twenty 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**

The Disciplinary Committee (Complaints/Malpractice/ME) of the North Carolina Medical Board was called to order at 8:00 a.m. on March 19 2014 at the office of the Medical Board. Board Members present were: Cheryl Walker-McGill, MD (chairperson), Mr. A. Wayne Holloman, Timothy Lietz, MD, H. Diane Meelheim, FNP, Pascal Udekwa, MD, and Barbara Walker, DO. Staff present: Judie Clark, Scott Kirby, MD, Michael Sheppa, MD, Katharine Kovacs, PA, Amy Ingram, Carol Puryear, Sherry Hyder, Thom Mansfield, Todd Brosius, Patrick Balestrieri and Marcus Jimison.

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 six 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.

Eighteen 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**

The Investigative Disciplinary Committee of the North Carolina Medical Board was called to order at 9:00am March 19, 2014 at the office of the Medical Board. Board Members present were: Cheryl Walker-McGill, MD (chairperson), Mr. A. Wayne Holloman, Timothy Lietz, MD, H. Diane Meelheim, FNP, Pascal Udekwu, MD, and Barbara Walker, DO. Staff present: Judie Clark, Scott Kirby, MD, Michael Sheppa, MD, Katharine Kovacs, PA, Amy Ingram, Carol Puryear, Sherry Hyder, Thom Mansfield, Brian Blankenship, Marcus Jimison, Todd Brosius, and Patrick Balestrieri.

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 fifty two 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**

The Outreach Committee was called to order at 11:03 pm on Wednesday, March 19 at the offices of the NCMB. Committee members present: Subhash Gumber, MD; Eleanor Greene, MD; Debra Bolick, MD. Also attending: Jean Fisher Brinkley; Nancy Hemphill; Theresa Somerville, all members of the NCMB's staff.

### **Old Business**

1. Naloxone rescue law notice Dr. Gumber noted that the Winter 2014 issue of the Forum includes a short article on the 911 "Good Samaritan" Naloxone Rescue law. Dr. Gumber expressed an interest in promoting the article more prominently on the NCMB website.

Committee Recommendation: The Committee directed the Public Affairs Department to create an accompanying graphic for the Naloxone Rescue law article and post the article in the "slideshow" feature on the NCMB's home page.

Board Action: Accept Committee Recommendation

2. Outreach Dr. Gumber indicated that he has been in touch with contacts at Duke University School of Medicine regarding opportunities for the NCMB to present at Grand Rounds or other forums. The committee discussed plans to mail a letter to the deans of all medical schools and PA programs signalling the NCMB's interest in working more closely with the schools on education and development activities for students. This could include presentations or prepared content such as the online Professionalism Module the Board created in 2012. Dr. Gumber also reported that he has been in touch with the Triangle Indian Physician Society (TIPS) and said that that group would like the NCMB to present at its meeting on Sept. 27, 2014.

Committee Recommendation: The committee directed the Public Affairs Department to revive a notice advertising the availability of Board speakers to present at community or medical professional meetings. The notice should be posted on the NCMB website and published in the next issue of the *Forum*.

Also, Mrs. Brinkley will draft a letter to the deans of all NC medical schools and PA programs communicating the NCMB's wish to offer more in terms of education and development activities.

Board Action: Accept Committee Recommendation

3. Professionalism Module The committee briefly discussed the module previously developed by the Board, and the educational portal that houses it. The committee agreed that the module should be offered to medical schools as a resource in the planned letter to deans. The committee also noted that additional content could be added to the portal as the Board develops it.

Committee Recommendation: No action required

Board Action: Accept Committee Recommendation

### New Business

1. Point of View article topics
  - a. Telemedicine. Dr. Udekwu, as chair of the Policy Committee, has agreed to write a POV article outlining the Board's thoughts on telemedicine, with an eye towards addressing criticisms from the telemedicine industry and patient fronts.
    - i. Target print markets locally and perhaps nationally
  - b. Mrs. Brinkley suggested that she write an opinion article arguing that state medical boards are a valuable resource for individuals who are seeking a physician or physician assistant. The article would be offered in response to lists that sometimes appear in mainstream newspapers and magazines, e.g. Five Steps to Finding a New Doctor, etc.
  - c. Hepatitis C
    - i. Dr. Gumber noted that Hep C is relatively common in the Baby Boomer generation and that, thanks to recent advances in treatment, the disease is significantly more treatable than ever before. Dr. Gumber would like to see the Board raise awareness of recommendations for routine screening
    - ii. *Forum* may be the best platform to promote this
  - d. Colon cancer. Dr. Gumber noted that the rate of colon cancer has dropped by 30 percent over the past decade due to broader screening and early detection. He wondered if the Board might play a role in raising awareness of this, with a notice, *Forum* article or some other means.
  - e. Committee members should send any topics of interest to Jean, who will keep a running list of suggested topics.

Committee Recommendation: No action required

Board Action: Accept Committee Recommendation

2. Physician's Guide to Closing a Practice

- a. Ms. Hemphill gave a brief history of her work on the guide, which was suggested by Board President Paul Camnitz, MD. The committee thought the document was comprehensive.

Committee Recommendation: The committee will review the most recent version of the guide and provide detailed feedback to Ms. Hemphill within two weeks. The Committee plans to present to the full Board for review at the May Board Meeting.

Board Action: Accept Committee Recommendation

3. Prezi

- a. Ms. Hemphill gave the Committee a brief overview of Prezi, a presentation software package that is a more visually interesting and dynamic alternative to PowerPoint. Committee members viewed a Prezi Ms. Hemphill put together on the process of obtaining a NC medical license.
- b. Committee members were impressed with Prezi and agreed that it may be a useful platform for presenting content, both for in person talks and on the website.

Committee Recommendation: No action required

Board Action: Accept Committee Recommendation

4. Board Actions data

The committee discussed the merits of analyzing Board Actions data by geographic location in an attempt to identify "hot spots" of activity. Mrs. Brinkley stated that the Public Affairs Department can plot public actions by cause of action on a map of NC, but first must sort and code data manually to generate the data points.

Committee Recommendation: The committee directed the Public Affairs Dept. to code and plot data over the last 5 years for all actions relating to improper prescribing and quality of care. Public Affairs will provide an update at the May meeting of the committee.

Board Action: Accept Committee Recommendation

The next regular meeting of the Outreach Committee is tentatively set for the May 2014 Board Meeting.

**ADJOURNMENT**

This meeting was adjourned at 6:16 p.m., March 20, 2014.

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Pascal O. Udekwu, MD  
Secretary/Treasurer

## CURRENT POSITION STATEMENT:

**Departures from or closings of medical practices**

Departures from or closings of medical practices are trying times. If mishandled, they can significantly disrupt continuity of care and endanger patients.

**Provide Continuity of Care**

Practitioners continue to have obligations toward their patients during and after the departure from or closing of a medical practice. Practitioners may not abandon a patient or abruptly withdraw from the care of a patient. Patients should therefore be given reasonable advance notice (at least 30 days) to allow other medical care to be secured. Good continuity of care includes preserving and providing appropriate access to medical records.\* Also, good continuity of care may often include making appropriate referrals. The practitioner(s) and other parties that may be involved should ensure that the requirements for continuity of care are effectively addressed.

It is the position of the North Carolina Medical Board that during such times practitioners and other parties that may be involved in such processes must consider how their actions affect patients. In particular, practitioners and other parties that may be involved have the following obligations.

**Permit Patient Choice**

It is the patient's decision from whom to receive care. Therefore, it is the responsibility of all practitioners and other parties that may be involved to ensure that:

- Patients are notified in a timely fashion of changes in the practice and given the opportunity to seek other medical care, sufficiently far in advance (at least 30 days) to allow other medical care to be secured, which is often done by newspaper advertisement and by letters to patients currently under care;
- Patients clearly understand that they have a choice of health care providers;
- Patients are told how to reach any practitioner(s) remaining in practice, and when specifically requested, are told how to contact departing practitioners; and
- Patients are told how to obtain copies of or transfer their medical records.

No practitioner, group of practitioners, or other parties involved should interfere with the fulfillment of these obligations, nor should practitioners put themselves in a position where they cannot be assured these obligations can be met.

**Written Policies**

The Board recommends that practitioners and practices prepare written policies regarding the secure storage, transfer and retrieval of patient medical records. Practitioners and practices should notify patients of these policies. At a minimum, the Board recommends that such written policies specify:

- A procedure and timeline that describes how the practitioner or practice will notify each patient when appropriate about (1) a pending practice closure or practitioner departure,



(2) how medical records are to be accessed, and (3) how future notices of the location of the practice's medical records will be provided;

- How long medical records will be retained;
- The procedure by which the practitioner or practice will dispose of unclaimed medical records after a specified period of time;
- How the practitioner or practice shall timely respond to requests from patients for copies of their medical records or to access to their medical records; In the event of the practitioner's death or incapacity, how the deceased practitioner's executor, administrator, personal representative or survivor will notify patients of the location of their medical records and how patients can access those records; and
- The procedure by which the deceased or incapacitated practitioner's executor, administrator, personal representative or survivor will dispose of unclaimed medical records after a specified period of time.

The Board further expects that its licensees comply with any applicable state and/or federal law or regulation pertaining to a patient's protected healthcare information.

\*NOTE: The Board's Position Statement on the Retention of Medical Records applies, even when practices close permanently due to the retirement or death of the practitioner.

(Adopted January 2000) (Amended August 2003, July 2009)

## CURRENT POSITION STATEMENT

**Telemedicine**

*“Telemedicine” is the practice of medicine using electronic communication, information technology or other means between a licensee in one location and a patient in another location with or without an intervening health care provider.*

The Board recognizes that technological advances have made it possible for licensees to provide medical care to patients who are separated by some geographical distance. As a result, telemedicine is a potentially useful tool that, if employed appropriately, can provide important benefits to patients, including: increased access to health care, expanded utilization of specialty expertise, rapid availability of patient records, and the reduced cost of patient care.

The Board cautions, however, that licensees practicing via telemedicine will be held to the same standard of care as licensees employing more traditional in-person medical care. A failure to conform to the appropriate standard of care, whether that care is rendered in-person or via telemedicine, may subject the licensee to potential discipline by this Board.

The Board provides the following considerations to its licensees as guidance in providing medical services via telemedicine:

**Training of Staff** -- Staff involved in the telemedicine visit should be trained in the use of the telemedicine equipment and competent in its operation.

**Examinations** -- Licensees using telemedicine technologies to provide care to patients located in North Carolina must provide an appropriate examination prior to diagnosing and/or treating the patient. However, this examination need not be in-person if the technology is sufficient to provide the same information to the licensee as if the exam had been performed face-to-face.

Other examinations may also be considered appropriate if the licensee is at a distance from the patient, but a licensed health care professional is able to provide various physical findings that the licensee needs to complete an adequate assessment. On the other hand, a simple questionnaire without an appropriate examination may be a violation of law and/or subject the licensee to discipline by the Board.<sup>1</sup>

**Licensee-Patient Relationship** – The licensee using telemedicine should have some means of verifying that the person seeking treatment is in fact who he or she claims to be. A diagnosis should be established through the use of accepted medical practices, i.e., a patient history, mental status examination, physical examination and appropriate diagnostic and laboratory testing. Licensees using telemedicine should also ensure the availability for appropriate follow-up care and maintain a complete medical record that is available to the patient and other treating health care providers.

**Medical Records** -- The licensee treating a patient via telemedicine must maintain a complete record of the telemedicine patient’s care according to prevailing medical record standards. The medical record serves to document the analysis and plan of an episode of care for future reference. It must reflect an appropriate evaluation of the patient's presenting symptoms, and

relevant components of the electronic professional interaction must be documented as with any other encounter.

The licensee must maintain the record's confidentiality and disclose the records to the patient consistent with state and federal law. If the patient has a primary care provider and a telemedicine provider for the same ailment, then the primary care provider's medical record and the telemedicine provider's record constitute one complete patient record.

**Licensure** -- The practice of medicine is deemed to occur in the state in which the patient is located. Therefore, any licensee using telemedicine to regularly provide medical services to patients located in North Carolina should be licensed to practice medicine in North Carolina.<sup>2</sup> Licensees need not reside in North Carolina, as long as they have a valid, current North Carolina license.

North Carolina licensees intending to practice medicine via telemedicine technology to treat or diagnose patients outside of North Carolina should check with other state licensing boards. Most states require physicians to be licensed, and some have enacted limitations to telemedicine practice or require or offer a special registration. A directory of all U.S. medical boards may be accessed at the Federation of State Medical Boards Web site: [http://www.fsmb.org/directory\\_smb.html](http://www.fsmb.org/directory_smb.html).

(Adopted July 2010)

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<sup>1</sup> See also the Board's Position Statement entitled "Contact with Patients before Prescribing."

<sup>2</sup> N.C. Gen. Stat. § 90-18(c)(11) exempts from the requirement for licensure: "The practice of medicine or surgery by any nonregistered reputable physician or surgeon who comes into this State, either in person or by use of any electronic or other mediums, on an irregular basis, to consult with a resident registered physician or to consult with personnel at a medical school about educational or medical training. This proviso shall not apply to physicians resident in a neighboring state and regularly practicing in this State."

The Board also notes that the North Carolina General Statutes define the practice of medicine as including, "The performance of any act, within or without this State, described in this subdivision by use of any electronic or other means, including the Internet or telephone." N.C. Gen. Stat. § 90-1.1(5)f

APPENDIX C

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

POSITION STATEMENT	ADOPTED	SCHEDULED FOR REVIEW	LAST REVISED/ REVIEWED/ ADOPTED	REVISED/ REVIEWED	REVISED/ REVIEWED	REVISED/ REVIEWED	REVISED/ REVIEWED
Departures from or Closings of Medical	Jan-00	Jul-13	Jul-09	Aug-03			
Telemedicine	May-10	Nov-13	May-10				
Access to Physician Records	Nov-93	Mar-14	Sep-10	Aug-03	Mar-02	Sep-97	May-96
Policy for the Use of Controlled Substances for the Treatment of Pain	Sep-96	Mar-14	Jan-13	Sep-08	Jul-05		
Medical Supervisor-Trainee Relationship	Apr-04		Nov-10	Apr-04			
Advertising and Publicity	Nov-99		Nov-10	Sep-05	Mar-01		
Medical, Nursing, Pharmacy Boards: Joint Statement on Pain Management in End-of-Life Care	Oct-99		Jan-11	Oct-99			
HIV/HBV Infected Health Care Workers	Nov-92		Jan-11	Jan-05	May-96		
Writing of Prescriptions	May-91		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	Jul-07		Sep-12	Jul-07			

Care Practitioners							
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

## CURRENT POSITION STATEMENT:

**Access to medical records**

A licensee's policies and practices relating to medical records under his or her control should be designed to benefit the health and welfare of patients, whether current or past, and should facilitate the transfer of clear and reliable information about a patient's care. Such policies and practices should conform to applicable federal and state laws governing health information.

It is the position of the North Carolina Medical Board that notes made by a licensee in the course of diagnosing and treating patients are primarily for the licensee's use and to promote continuity of care. Patients, however, have a substantial right of access to their medical records and a qualified right to amend their records pursuant to the HIPAA privacy regulations.

Medical records are confidential documents and should only be released when permitted by law or with proper written authorization of the patient. Licensees are responsible for safeguarding and protecting the medical record and for providing adequate security measures.

Each licensee has a duty on the request of a patient or the patient's representative to release a copy of the record in a timely manner to the patient or the patient's representative, unless the licensee believes that such release would endanger the patient's life or cause harm to another person. This includes medical records received from other licensee offices or health care facilities. A summary may be provided in lieu of providing access to or copies of medical records only if the patient agrees in advance to such a summary and to any fees imposed for its production.

Licensees may charge a reasonable fee for the preparation and/or the photocopying of medical and other records. To assist in avoiding misunderstandings, and for a reasonable fee, the licensee should be willing to review the medical records with the patient at the patient's request. Medical records should not be withheld because an account is overdue or a bill is owed (including charges for copies or summaries of medical records).

Should it be the licensee's policy to complete insurance or other forms for established patients, it is the position of the Board that the licensee should complete those forms in a timely manner. If a form is simple, the licensee should perform this task for no fee. If a form is complex, the licensee may charge a reasonable fee.

To prevent misunderstandings, the licensee's policies about providing copies or summaries of medical records and about completing forms should be made available in writing to patients when the licensee-patient relationship begins.

Licensees should not relinquish control over their patients' medical records to third parties unless there is an enforceable agreement that includes adequate provisions to protect patient confidentiality and to ensure access to those records.\*

When responding to subpoenas for medical records, unless there is a court or administrative order, licensees should follow the applicable federal regulations.

*[\*] See also Position Statement on Departures from or Closings of Medical Practices.*

(Adopted November 1993) (Amended May 1996, September 1997, March 2002, August 2003, September 2010)

PHYSICIANS PRESENTED AT THE  
MARCH 2014 BOARD MEETING

Abati, Andrea Dolores	MD	Bowman, Zachary Scott	MD
Aboumohamed, Ahmed Abdelrahim	MD	Bradby, Cassandra Kim	MD
Abraham, Ruby	MD	Bradham, Eloise Daniel	MD
Acheampong, Peter Kwasi	MD	Branham, Richard Kyle	MD
Adhikari, Durga Dhoj	MD	Brooks, Walker David	MD
Ahmad, Sukaina	MD	Brothers, Matthew Barclay	MD
Ahmad, Yusuf Haroon	MD	Brown, Andrew Philip	MD
Albert, Laura Gaige	MD	Brown, Callie Lambert	MD
Ali, Sadeem Absar	MD	Brown, Gregory Patrick	MD
Allen, Patricia Bette	MD	Buck, Andrew William	MD
Ambrosy, Andrew Patrick	MD	Bullock, Matthew Wayne	DO
Amin, Shilpa Harshad	MD	Buriev, Ulugbek Narbekovich	MD
Andersen, Mousumi Medda	MD	Byrd, Bari Marissa Eberhardt	MD
Armenti-Kapros, Brenda Michele	MD	Cade, Jerry David	MD
Armstrong, Mia Nicole	MD	Caputo, Adam Michael	MD
Arnold, David Michael	MD	Caputo, Laura Marie	MD
Auerbach, M. Richard	MD	Carroll, Michael David	MD
Austin, Trevor Clark	MD	Carroll, Sarah Bass	MD
Avent, John Thomas	MD	Carter, Conwell Banton	MD
Avisé, Jennifer Ann	MD	Carter, Joshua Lee	MD
Babalola, Olufemi Abiola	MD	Casey, Robin Lee	MD
Bahl, Manisha	MD	Caudle, Scott Okrina	MD
Baker, Erin Hanna	MD	Cavola, Cameron Frank	MD
Baker, Joshua Ryan	MD	Centofante, Nancy Lee	MD
Baron, Todd Huntley	MD	Chadha, Ashley Dinesh	MD
Bayley, Ryan Patrick	MD	Chambliss, Erika Sofia	MD
Bearl, David Wendell	MD	Chhatwani, Laveena	MD
Beasley, Glenn Allen	MD	Chhotani, Ali Nasir	MD
Bell, Tiffani Lynee`	MD	Christiansen, Gregory Michael	DO
Belsante, Michael James	MD	Cichon, Lisa Jane Hannah	MD
Benjamin, Jeff Alan	DO	Clements, Victoria Lynn	DO
Bennett, Daniel Kittelle	MD	Colbert, Kira Peoples	MD
Berger, Barry William	DO	Comerford, Kelly Parker	MD
Besleaga, Diana Lisa	MD	Coni, Robert Joseph	DO
Blackwell, Derrick Lewis	DO	Conley, Thomas Eugene	MD
Booth, David Glenn	DO	Crane, Andrew Paul	MD



Crane, Sandrine Uwase	MD	Flecksteiner, Stephanie Angela	MD
Crocker, Justin Adams	MD	Fleischman, David	MD
Croitor, Sherryl Kathryn	MD	Fletke, Kyle Jordan	MD
Cross, Brandy Noelle	MD	Flugstad, Nicholas Adam	MD
Cross, Marshall Albert	MD	Flythe, Jennifer Elizabeth	MD
Cupp, Julie Ann	MD	Fontenot, Towanna Necole	MD
Dale, Maureen Catherine	MD	Forsythe, Christopher Scott	MD
Darboe, Numukunda	MD	Foster, Lori Catherine Graves	MD
Davis, Iris Lanette	MD	Franks, William Dale	MD
Davis, Joseph Alton	MD	Gainor, Lauren Harmon	MD
Davis, Lindsay Taylor	MD	Gallizzi, Michael Anthony	MD
Davis, Ryan Edward	MD	Gandhi, Sanjay	MD
Dawson, Brian Christopher	MD	Garmestani, Amy Lynne	MD
Deane, Jessica Jameson	MD	Garrigues, David Gerard	MD
Debelak, Benjamin Patrick	DO	Gearding, David Joseph	DO
Del Signore, Anthony Giacinto	MD	George, Susan Bajje	MD
Delgado, Gabriel Angel	MD	Ghandour, Jad	MD
DeMattei, Melanie Jennings	DO	Gignac, Elizabeth	DO
Dennis, Nora Marion Wilson	MD	Gillis, Jennifer Lincoln	DO
Dexter, Mark David	MD	Gioia-Flynt, Lynda	MD
Dias, Johnny Abraham	DO	Giraud, Jodel	MD
DiFiore, John William	MD	Goodman, Graydon Samuel	MD
Djukic, Serge	MD	Goodrich, Andrea Louise	MD
Dodgen, Andrew Lee	MD	Gopal, Jegan	MD
Domfeh, Akosua Benefah	MD	Grace, Matthew Ryan	MD
Donohoe, Rebecca Lewen	MD	Greene, Nathaniel Howard	MD
Dotters-Katz, Sarah Kathleen	MD	Gregory, Reuel Morgan	DO
Douglas, Brad H	MD	Grewal, Dilraj Singh	MD
Drohan, Shannon Michelle	MD	Grewal, Jashanjeet Kaur	MD
Duffy, Kelly Jean	MD	Griffies, William Scott	MD
Ego-Osuala, Bryan Chinaemerem	MD	Grover, Joseph Marcus	MD
Ekka, Laura Thorne	MD	Grover, Natalie Sophia	MD
Eline, Eugene Anthony	DO	Guiney, Benjamin Franklin	MD
Eline, Mary Jo	DO	Gunter, Andrew Scott	MD
El-Sayed, Mahmoud Mohamad Ali	MD	Gupta, Pushpender	MD
Ernst, Rasai Lin	MD	Haas, William Christian	MD
Evans, Michael Wayne	MD	Habenicht, Katherine Irene	MD
Ezimora, Amaka Eunice	MD	Haggins-Dabney, Janean R	MD
Farber, Faye Rachel	MD	Halfon, Johanna Kate	MD
Fein, Douglas Allen	MD	Hammond, Charles Bessellieu	MD
Ferguson, Naomi Lynn	MD	Harris, Lisa Michelle	DO
Fine, Steven Scott	MD	Harrison, Scott David	MD
Fiocco, Guy Peter	MD	Hawley, Stephanie Kate	MD

Heiser, Elisabeth Ann	MD	Labatia, Ihab Youssef	MD
Henderson, Melvin Lee	MD	Ladipo, Olanrewaju Olayemi	MD
Hendry, Sydney Elizabeth	MD	Lafferty, Peter Rollin	MD
Henin, Mark David	MD	Lalor, Michael John	MD
Herzig, David Warren	MD	Lane, Zachary Paul	MD
Heyman, Benjamin Michael	MD	Langford, Matthew Alan	MD
Hill, Erika Katherine	MD	Lavine, Steven Jay	MD
Hodavance, Sima Yazdani	MD	Ledoux-Coton, Karla Michelle	DO
Holmes, Galen Raychelle	MD	Lee, Frank	MD
Hoover, Michael Shane	MD	Lee, Sung	MD
House, Christopher Michael	DO	Lemmons, Joseph Darrel	DO
Huff, Stephen Rhodes	MD	Lenox, Nathan Daniel	MD
Huldin, Jennifer Ann	MD	Leversedge, Kimberly Isaacs	MD
Hurst, Adrian David	DO	Levesque, Vanetta Lashet	MD
Hussain, Sumreen Khaleeque	MD	Lima, Angela Sampaio	DO
Isaacs, David Michael	DO	Logan, DaKeya Denise	MD
Jaaj, Hedoneia Chinaglia	MD	Loncar, Dragutin	MD
Jah, Fatimah Omar	MD	Longnion, Jeffrey Kyle	MD
Jalandhara, Vinitkumar Raghavbhai	MD	Lopez, Nicole Elizabeth	MD
Jaskolka, Jessica Beth	MD	Lopez-De-Arco, Javier	MD
Jaskolka, Michael Stephen	MD	Lou, Gin Wen	MD
Jennette, John Benjamin	MD	Maamoun El Dawy, Waleed	
Jennings, Jonathan Kelsie	MD	Mohammed	MD
Jentilet, Douglas Adam	MD	Magill, Christyn Francesca	MD
Johnson, Christopher McLaurin	MD	Mandawat, Aditya	MD
Johnson, Justin Michael	MD	Martin, Jared Thomas	DO
Joshi, Malav	MD	Martin, Thomas David	MD
Kaplan, Adam Geoffrey	MD	Matherne, Ryan Joseph	MD
Keller, Stephen Michael	MD	Matthews, Brent Duane	MD
Kelly, Meredith Elliott	MD	McCartney, Sharon Lorraine	MD
Kilfoyle, Kimberly Anne	MD	McMahon, Nicole Sarah	MD
Kim-Chang, Julie Joo Yeon	MD	McWey, Ryan Patrick	MD
Klinger, Rebecca Yasmin	MD	Meadows, Kristopher Brent	DO
Kobernick, Aaron Kosarin	MD	Mendez, Jose Edward	DO
Kogan, Stanley Jay	MD	Merrell, David Joseph	MD
Kohler, John Aaron	MD	Merrill, Michael Stephen	MD
Koneswaran, Suresh Aravinth	MD	Metcalf, Megan Wald	MD
Konkol, Jill Nicole	MD	Miller, Samantha	MD
Kramer, Caroline Mary	MD	Mohammed, Aminu Isyaku	MD
Krawcheck, Randall	DO	Molina, Hanna Zahira	MD
Krochmal, Daniel James	MD	Monroe, Jennifer Elizabeth	DO
Kupper, Laura Elizabeth	MD	Moore, Seth Allen	MD
Kwon, Samantha Eileen	MD	Morales, Jennifer Irene	MD

Moroni, Eduardo Veras Camelo De	MD	Replogle, Timothy DeVon	MD
Motarjeme, Steven C.	MD	Reschke, Dobroslawa	MD
Mudundi, Ashok Kumar	MD	Rickert, Paul Jeffrey	MD
Mukherjee, Niyati	MD	Rivera, Sylvia Cristina	MD
Mullins, David Arthur	MD	Robbins, Steven Eric	MD
Navejar, Joe	DO	Rogers, Paul Leeds	MD
Newell, Robert William	MD	Rohilla, Rajesh	MD
Nguyen, Hao Hoan	MD	Ronald, James Spencer Clayton	MD
Nienaber, Ju-Hsien Jodi Chen	MD	Rucker, Richard D	MD
Nordlund, Diana Beth	DO	Ruetzel, Craig Heiner	MD
O'Boynick, Christopher Paul	MD	Rup, Nicole Fray	MD
Oliva, Anthony Francis	DO	Rutledge, John Joseph	DO
O'Neill, Mary Claire	DO	Safta, Anca Mihaela	MD
Onwuchuruba, Cheryl Nnenna	MD	Said, Nicholas	MD
Orrington-Myers, Janie Lynette	MD	Salas, Fatima Luistro	MD
Padala, Kiran Kumar	MD	Sandhu, Mahesh	DO
Parker, Jason Alexis	MD	Sanfilipo, Michael	MD
Parr, Jonathan Boyd	MD	Santos Cubiñá, Javier	MD
Parris, Jeremy James	MD	Saraiya, Nehali Vira	MD
Parvata, Chinna Pakkira Reddy	MD	Sayedahmad, Waleed Hamed	MD
Patel, Chinmay Prashant	MD	Schilke, Clifford Harold	MD
Patel, Priyeshkumar	MD	Schindler, Joycelyn	MD
Patterson, Jacquelyn Knupp	MD	Seider, Michael I	MD
Pelletier, Marrison Candice	MD	Selman, Francis Joseph	MD
Permar, Stephanie Lang	MD	Seneker, Timothy James	MD
Perrizo, Karla Marie	MD	Shah, Samit Naresh	MD
Peterman, Angela Ruth	MD	Shah, Sejal	MD
Peters, David Clark	MD	Shankar, Prashant Vijay	MD
Piercy, Kenneth Todd	MD	Sheatsley, Jarrod Thomas	MD
Piramzadian, Arin	DO	Sherwin, Jennifer Irene	MD
Pisani, Barbara Ann	DO	Shi, Glenn Guangyu	MD
Pomeroy, Christopher Lloyd	MD	Shin, Tiffany Marie	MD
Popp, Randi Katherine	MD	Sipkins, Dorothy Anna	MD
Pratt, Ian Scott	MD	Slusher, Christopher Wood	MD
Qtest, QARTl	MD	Smith, Brett	DO
Racine, Christopher William	MD	Smith, Wilburn Anthony	MD
Raetskaya-Solntseva, Olga	MD	St. Cyr, Sancta	MD
Randall, Eveleen Rachael	MD	Stafford, Phillip Andrew	MD
Randell, Timmothy Ryan	MD	Stamataros, George	DO
Rehfuss, Tracie Renee	MD	Stancil, Stewart Alan	MD
Rein, Lindsay Anne Magura	MD	Steele, Brianne Jo	MD
Reis, Erin Bennek	DO	Steele, Hannah Bosdell	MD
Remedios, Alexander Anthony	MD	Stinger, Robert Bruce	MD

Sullivan, Nancy Marie	DO
Sullivan, Nicholas Klauer	DO
Sumner, Peter Justin	DO
Swanson, Matthew David	MD
Tamara, Luis Adolfo	MD
Taravath, Sasidharan	MD
Tawfik, Bernard	MD
Taylor, Leslie Vh	MD
Tejeda Soto, Robin Ivan	MD
Tejera Morales, Tania	MD
Testlastname, Testfirstname	MD
Thomas, Andrew Edward	MD
Thrasher, Bradly Jackson	DO
Timothy, Andrew Dennis	DO
Tong, Fumin	MD
Toubia, Tarek	MD
Tracy, Jeremiah Charles	MD
Triozzi, Pierre Lorenzo	MD
Turner, James David	MD
Turner, Shafonya Machel	MD
Udani, Ankeet Deepak	MD
Vaidya, Hrushikesh Ulhas	MD
Van Ry, Kirstie Schneider	MD
Vieta, Paul Anthony	MD
Wadson, Douglas Allen	MD
Walsh, Jonathan Michael	MD
Walsh, Leorah Miri	MD
Webb, Carol Dwan	MD
Welch, Stephen Lee	DO
Wells, David Lloyd	MD
Westermeyer, Arthur Scott	MD
Whitworth, Walter Richard	MD
Wiarda, Karen Phylis	DO
Willie, Chelsea Alisa	MD
Windham, Charles Parker	MD
Worsham, George Frederick	MD
Wyman, Andrew James	MD
Young, James Robert	MD
Young, Lindsay Sallach	MD
Zimmerman, Paul Eric	MD

Nurse Practitioner & Clinical Pharmacist Practitioner Approvals  
Issued As of March 2014

Nurse Practitioners NAME	PRIMARY SUPERVISOR	PRACTICE CITY
Sara Lynne Kitts	Mark Gregory Bowling	Smithfield
Shannon Hiatt Leach	Marshall Wilson Anderson	Burlington
Jena Lynn Welch Coltrane	James Gary Guerrini	Clemmons
Leslie Caroline Barnes Ingram	Valerie Adele Sakach	Kannapolis
Warren Thomas Day	Scott Cody Elston	Morrisville
Michelle Sluder Duckworth	Anne Ricardo Gonzalez	Hickory
Regina Maria Longinotti	William Mayhew Selvidge	Prospect Hill
Laura Ashley David	Joseph Lawrence Brady	Charlotte
Marshel Yvette Moore	Dawn Valaire Quashie	Raleigh
Lauren Rae Spangler	Tamra Hammond Stall	Creedmoor
Joan M. Lacey	Pratik Vipin Desai	Cary
Jody Lynn Jinkerson	Larry Joe Russell	Hendersonville
Dana Spence Wade	John Kunnuthara John	Kinston
Weiwei Wang	Dipen Ramesh Shah	Cary
Irene Maria Childress	Melinda Donelle Wonsick	Jefferson
Sean P Convoy	Victor Russell Barnes	Camp Lejeune
Donna Swan Acevedo	David George Fisher	Charlotte
Stephanie Marie Limesand	Alfred Eugene Kendrick	Indian Trail
Chizomam Ugoeze Ononiwu	Jaspal Singh	Charlotte
Ramona Frazier	David George Fisher	Charlotte
Nana Fosuwa Arkhurst	Godfried Antwi Arthur	Rocky Mount
Maryam Mohammad Zadeh	George Joseph Shalhoub	Fayetteville
Robin Shannon	Alfred Eugene Kendrick	Indian Trail
Beth Lingerfelt	Thomas Anthony Bahleda	Boone
Jessica Suzanne Cochrane	Matthew Scott Swain	Jacksonville
Teresa Harris Cating	Lawrence Stroud Carter	Hickory
Rachel Hazelwood Hylar	Benjamin Maduakonam Igwemezie	High Point
Alicia Hill Eifler	Hiren Rohit Patel	Asheville
Isabel M Munera	Deirdre Robinson Bland	Winston Salem
Tina Marie Reagan	Jose Ignacio Larrabaster Ros	Jacksonville
Afuluchi Ndidi Okeke	George Joseph Shalhoub	Fayetteville
Anderson Hicks Garrett	Nelson Jen An Chao	Durham
Diane Kathleen Pastor	Janelle Arolyn Rhyne	Wilmington
Teresa W Blanc	Barry Hoyt Bodie	Brevard
Jodi R Johnson Thomas	Philip John Walther	Durham
Felicia Denise James	Kellie Anne Goldsborough	Greensboro
Susan Meredith Kane	Badriprasad R. Donthi	Morrisville
Anne Marie Mukamana	James Randall Long	Lexington
Karin Denise Looper	Pushpa Chander	Grover
Erma M Cooke	Mary Elizabeth Pylipow	Asheville

June Mashburn Hensley  
Ashley Waite Davis  
Robin J. Trupp  
Jennifer Adams  
Debra Lynn Hansen  
George Scott Mackel  
Laura Porter  
Vonda Marie Raines  
Rebecca S Troxel  
Alexandra Titus Wilder  
Michael Eland Sollie  
  
Christine Post Folsom  
Sharon Camille Burton  
Angela Renee Boone  
Sonya Nanette Belin  
Sally Irene Cody  
Shabina Sheikh  
Haley Millwood Brown  
Stephanie Paige Fargo  
Shannon Marie Butler  
Caitlin Jean Phillips  
Mary Suzanne Forsythe  
Traci R. Bramlett  
Cassandra Willis Davis  
Katie Ann Scott  
Heather Davenport Small  
Mary Boyd Whitesides  
Mae Ethel Martin  
Jennifer Marie Mitchell  
Tracy Michelle Schmidt  
Laura Ann Davis  
Melanie Anne Webb  
Heather Mcphail Maynor  
Emily Sudweeks  
Brandi Recinda Sutton  
Megan Leser  
Stacy K Robison  
Kristin Thomas Davis  
Jean Ann Gilbert Trull  
Sherry Lisette Clark  
Franklene Williams  
Jennifer Leann Melillo  
Tara Alea Atallah  
Nicole Ann-Marie Paterno  
Marlena Marie Parson  
Sandra Jensen Rieske

Richard Allan Bunio  
Adam Steven Asch  
Joseph Gordon Rogers  
Jason Edward Lang  
Chad Daniel Howard  
Joseph Grant Lashley  
Lance Eric Landvater  
Forrest Paul Old  
Samuel LeRoy Church  
Mona Raj Gupta  
Hiren Rohit Patel  
Fidelis Iguodala Uwensuyi-  
Edosomwan  
Joe Douglas Haines  
Ashish Champaklal Shah  
Richard William Lord  
Dana McBrayer Conner  
Kirkwood Floyd Adams  
Elbert Andrew Rudisill  
John Peter Gambino  
Christian George Wolff  
Holly Rose Roberts Biola  
Milan Nadkarni  
Christi Renee Ray  
James Jaquelin Crosswell  
William Sherwood Kelly  
Gary Gene Leonhardt  
Lawrence Mark Fleishman  
Donald Wilson Moore  
Tatyana Vitalyevna Golub  
James Lucius Wofford  
Archana Kumar  
Eric Charles Troyer  
George Joseph Shalhoub  
Faraz Akhtar  
Jonathan Keith Stoudmire  
Sidney Michael Sutton  
Samuel Alan Fleishman  
Susan Foster Massengill  
Chon Lee  
Henry Franklin Tripp  
Michael Hale Thomason  
Forrest Paul Old  
Hiren Rohit Patel  
Michael John Kelley  
Tracey Beth Holsinger  
Robert William Patterson

Cherokee  
Greenville  
Durham  
Winston-Salem  
Monroe  
Cherokee  
Raleigh  
Moyock  
Hiawassee  
Raleigh  
Asheville  
  
Charlotte  
Swansboro  
Eden  
Winston-Salem  
Murphy  
Chapel Hill  
Hickory  
Winston-Salem  
Cornelius  
Durham  
Winston-Salem  
Rocky Point  
Beaufort  
Kernersville  
Greenville  
Charlotte  
Madison  
Hickory  
Winston-Salem  
Greensboro  
Kannapolis  
Fayetteville  
Raleigh  
Matthews  
Elizabeth City  
Fayetteville  
Charlotte  
Winston-Salem  
Winston Salem  
Charlotte  
Moyock  
Asheville  
Durham  
Durham  
Sanford  
March 19-20, 2014

Lisa Linette Mull	John Eric Dembski	Morganton
April Suzette Krogh	Matthew Alan Mahar	Sylva
Lindsay Carey Overton	Martin Anthony DeFrancesco	Burlington
Pauline Ilogebe Ireh	Aldona Ziolkowska	High Point
Karen Elizabeth Preston	Craig Justice White	Davidson
Amber Emery Remington	Robert James McHale	Albemarle
Linda Kay Eld	David Ralph Ferrell	Morgantown
Heather Lea Kinder	David Cloid White	Raleigh
Joy Mullis Duckworth	Deji OluRemi Okuboye	Taylorsville
Lashawn Gore Ruffin	Amy Jo Rosenthal	Butner
Matthew Brian Thompson	Joel Robert Kann	Morrisville
Matthew Brian Thompson	Joel Robert Kann	Morrisville
Thalia N Williams	James Horst	Raleigh
Kathleen Ludwig	Joseph Gordon Rogers	Durham
Nancy Mullins Crowell	Denis I. Becker	Raleigh
Mary Perry	Nathan Carr Pulkingham	Burlington
Ann P Conrad	Roderic Griffin Carney	Clinton
Angela Michal Stewart	Sanjeev Kumar Gulati	Charlotte
Emily Adams Penny	Samuel Wayne Jones	Chapel Hill
Melissa Blair Howard	Hasan Ahmad Baloch	Durham
Matthew Jon Feinberg	Venus Idette Pitts	Durham
Belinda Kyeiwah Kyere	Peter Eugene Morris	Winston Salem
Eileen A. Slavin	Peter Eugene Morris	Winston Salem
Sara Elizabeth Harbison	Douglas Scott Tyler	Durham
Ngozi Maria Nwosu	George Joseph Shalhoub	Fayetteville
Zakkiyya Nasreen Mumin	Priti Bhagia	Charlotte
Su P. Cartmell	Abigail Greiner DeVries	Carrboro
Su P. Cartmell	Abigail Greiner DeVries	Carrboro
Rebecca Lee Ford	David Nathaniel Smith	Charlotte
Linda Bubaris	Lionel Fernando	Rose Hill
Nicole Marie Bentivegna	Kathryn Ann Shaw	Monroe
Mary Louise Kozuch	Maria Cristina Castro	Lillington
Chun Xiang Li	Paul Armando Martinez	Apex

#### CLINICAL PHARMACIST PRACTITIONERS

Wall, Kristin Anne  
 Southerland, Valerie Smith  
 Simpson, Sarah Old  
 Zukowski, Courtney Meredith  
 Smith, Benjamin Harris  
 Smart, Jeremy Gordon  
 Howard, Caroline Anne  
 Ruedinger, Kevin Scott  
 Francart, Suzanne Johnson

Anesthesiologist Assistant, Perfusionist & Provisional Perfusionist Licenses  
Issued As of March 2014

Perfusionists:

Burnette, Ruth Ann  
Ford, Gill Lee  
Lee, Matthew David  
Westfield, Justin James

Anesthesiologist Assistants:

Clark, Lisa Marie Julian



North Carolina Medical Board  
PA Licenses Approved  
March 2014

Initial PA Applicants Licensed 01/01/14 – 02/28/14  
PA-Cs

## Name

Adams, Elyse Catherine	01/14/2014
Adams, Justin Randall	01/13/2014
Albright, Michael Jeffrey	01/23/2014
Al-Jarboua, LaTasha	02/19/2014
Ashton, Kristine Harlan	01/24/2014
Barden, Victoria Hyland	01/13/2014
Bartholomew, Richard Joseph	01/27/2014
Baucom, Jenny Brooke	01/14/2014
Beam, Allison Marie	01/21/2014
Becton, Paul Wesley	01/21/2014
Benedict, Christine	01/17/2014
Beneville, Claudia Danielle	01/14/2014
Blanchard, Laura Dail	01/23/2014
Brainerd, Sarah Jean	01/13/2014
Bryant, Jason Thomas	01/28/2014
Bullard, Samantha Ann	01/13/2014
Bump, Kelley Alexis	01/14/2014
Carr, Stephen C	01/13/2014
Chamblee, Ashton S	01/14/2014
Cheek, Tamra Shay	02/21/2014
Clemens, Paul Slade	01/13/2014
Clifton, Raymond Marvin	01/22/2014
Coates, Caitlyn	02/05/2014
Cohen, Jonathan	01/13/2014
Cornella, Valerie Lynn	02/18/2014
Dana, Caroline Fisher	02/21/2014
Daniels, Lisa Marie	02/21/2014
Davis, Melissa Cook	01/17/2014
Deese, Vanessa Penton	01/23/2014
Diaz Perez, Juana	01/03/2014
Dyches, Chelsey Megan	01/24/2014
Eddins, Marla Elizabeth	01/28/2014
Esser, Thomas Jeffery	01/31/2014
Ferebee, Sarah Covington	01/21/2014
Fleming, Megan Nicole	01/07/2014
Fluech, David William	01/03/2014
Frostad, Kirsten H	01/10/2014
Fulford, Samantha Joelle	01/16/2014

Gann, Tiffany Amos	02/05/2014
Garcia, Dalan Daniel	01/24/2014
Gardner, Rachel Elizabeth	01/28/2014
Gennosa, Lisa Marie	01/31/2014
Gerke, John Robert	02/20/2014
Grado, Juan Robert	01/10/2014
Grippon, Nathalie	01/24/2014
Hafford, Dennis Glenn	02/24/2014
Hallock, Jason	01/28/2014
Hamlin, Ryan Owen	02/07/2014
Hanes, Elizabeth Michelle	01/14/2014
Harding, Jamie Carole	01/23/2014
Hardison, Abby Nicole	01/17/2014
Hartman, Nancy Kay	02/11/2014
Heath, Jessica Allen	01/23/2014
Hinson, Sherry JoLynn	02/26/2014
Hogan, Justin	02/21/2014
Holliday, Taryn R	02/07/2014
Howard, Lynn Amanda	01/09/2014
Huckabee, Taylor Elyse	02/17/2014
Hull, Virginia Lee	01/31/2014
Hvozdovic, Lori Page	02/10/2014
Jacobs, Jenna Nicole	01/13/2014
Jarrahizadeh, Reza	02/07/2014
Kelley, Margaret Elaine	01/16/2014
King, Danielle Grace	02/24/2014
King, Melissa E	02/25/2014
Komar, Eric Steven	02/10/2014
Kreshon, Mary	01/16/2014
Mack, Charmeen Elizabeth	01/14/2014
Mackellar, Caroline Whitehill	02/28/2014
Maloy, Kelsey Anne	01/08/2014
Marsh, Mary Lynn	02/21/2014
Martin, Stephen Douglas	02/21/2014
Maryniak, Thomas Daniel	02/21/2014
Mays, Leanne McHenry	01/09/2014
McBryde, Brandy Leah	01/13/2014
McQuiston, LauraRuth Bode	01/06/2014
Meng, Hao	01/07/2014
Merrell, Hannah Stopford	01/24/2014
Michaelsen, Cara	01/28/2014
Miller, Brooke Ashlyn	01/14/2014
Mistrot, Sarah Michelle	01/10/2014
Molnar, Lucinda Sue	01/21/2014
Morrison, Jeffrey Matthew	01/03/2014
Murr, Ashley Elizabeth	01/13/2014

Nardozzi, Shannon	01/16/2014
Nario, Myra Flor	02/17/2014
Nelson, Denise Thomas	02/07/2014
Neuschafer, Daric Todd	02/10/2014
Nordan, Ashley Green	01/17/2014
O'Brien, Kimberly Ann	01/08/2014
O'Malley, Erin Aileen	01/23/2014
Overby, Jennifer Denise	02/05/2014
Patane, Jeffrey Dean	01/30/2014
Patel, Kishor Valajibhai	01/03/2014
Patel, Priya Amrutlal	02/18/2014
Patnode, Sarah Lynne	01/22/2014
Pettit, Michelle Adriene	02/17/2014
Phero, Brittany Shaw	01/13/2014
Piepenbrink, Jennifer	02/11/2014
Powers, Christopher Robin	02/28/2014
Poythress, Lindsey Roper	02/20/2014
Pretter, Leslie Ann	02/12/2014
Quattlebaum, Denise	01/15/2014
Rankin, Rebecca Hayter	02/07/2014
Rashid, Shafaq	01/31/2014
Ray, Jonathan Ryan	01/16/2014
Rhodes, Adam Forbson	01/23/2014
Ricker, Melissa Ashley	02/11/2014
Robinson, Heather Angolia	01/13/2014
Russell, Sean Christopher	01/13/2014
Salinas, Eric	02/03/2014
Sasaki, Angela Grace	01/02/2014
Schmid, Kaitlyn Anne	02/10/2014
Sciacca, Marissa Claire	02/10/2014
Shamblin, Allison Layne	01/13/2014
Smith, Chad	02/05/2014
Smith, Tracey	01/23/2014
Stark, Krista Elizabeth	01/14/2014
Stell, Ashley Moore	01/22/2014
Stern, Andrew Evan	02/03/2014
Stilwell, Bryson Lee	01/17/2014
Stokes, Andrita Casterlow	02/25/2014
Swain, Kelly	01/23/2014
Swankoski, John Joseph	01/08/2014
Te, Kaliyann	01/21/2014
Testellen, Ellen	02/25/2014
Tiffany, Allison	01/13/2014
Todd, Ivy Nichole	01/16/2014
Tolba, Lamiaa Mohamed Abbas	02/05/2014
Trimble, Carrie Lyn	01/09/2014

Trotman, Adina L	01/28/2014
Tyndall, Kayla Bren Raynor	01/21/2014
Walder, Erica	01/23/2014
Wallman, Rebecca Elizabeth	02/10/2014
Weaver, Mary Elizabeth	01/14/2014
Weiss, Daniel Michael	01/28/2014
West, Brittany Lowry	01/23/2014
Westmoreland, Amanda Katherine	02/10/2014
Wibran, Ellen Denise	02/05/2014
Wilcox, Joanne	02/03/2014
Wilkerson, Sarah Elizabeth	01/23/2014
Willis, Jason Alexander	02/12/2014
Wright, Lindsay Elyse	02/21/2014
Yeager, Brittany Lauren	01/23/2014
Zayas, Teddi Thornburg	02/26/2014

PA-Cs Reactivations/Reinstatements/Re-Entries  
Name

Fillman, Robert Louis	02/28/2014
Johnson, Tiffany S.	02/03/2014
Kurz, Dennis Lee	01/28/2014
Smith, Tracey	01/23/2014

Additional Supervisor List 01/01/14 – 02/28/14  
PA-Cs

Name	Primary Supervisor	Practice City
Adams, Elyse	Pill, Stephan	Kernersville
Adams, Justin	Gaskins, Raymond	Fayetteville
Albright, Michael	Dambeck, Allyn	Goldsboro
Allen, Deborah	Gilligan, Kendall	Cherokee
Althisar, Henry	Elmahdy, Wagdy	Greensboro
Alves, Emily	Polsky, Saul	Elizabeth City
Ambroise, Marie-Jacques	Mann, Scott	Goldsboro
Anderson, Steven	Kane, Shawn	Fort Bragg
Anspach, Susan	Kolb, Terence	Sylva
Ardison, Matthew	Mazzola, Joseph	Morganton
Armstrong, Jeremy	Peters, Claudia	Willard
Ashton, Kristine	O'Daniel, Mark	Rocky Mount
Astern, Laurie	Hazel, Letitia	Durham
Avery, Leanne	Rosenbaum, David	Raleigh
Barber, Kathryn	Pickett, John	Windsor
Barden, Victoria	Harrelson, Anna	Asheville
Barlow, Adriane	Wilkinson, Todd	Asheville
Barlow, Adriane	Zivony, Daniel	Asheville
Barnes, Justine	Akhtar, Waheed	Goldsboro
Bartholomew, Richard	Guerrini, James	Clemmons

Basham, Brian  
Baucom, Jenny  
Beam, Allison  
Becton, Paul  
Beers, Charles  
Bell, Timothy  
Benedict, Christine  
Beneville, Claudia  
Bigelman, Michelle  
Blackwell, Tracelyn  
Blanchard, Laura  
Blanchard, Patricia  
Blankenship, Chad  
Bode, Sarah  
Bogaert, Matthew  
Bollenbach, Kathie  
Bosch, David  
Bosse, Janelle  
Bosse, Janelle  
Bowen, Laraine  
Bowen, Laraine  
Bradshaw, Johnnie  
Brainerd, Sarah  
Breiner, Erin  
Bremer, Ronald  
Bridger, Jennifer  
Briggs, Valeriya  
Briggs, Valeriya  
Brooks, Laura  
Brown, Nancy  
Brown, Thomas  
Brown, Thomas  
Bullard, Samantha  
Bump, Kelley  
Burkett, Maya  
Butler, Eric  
Caban, Ami  
Carter, James  
Carter, Laura  
Carter, Paula  
Casati, Alden  
Castleberry, Gordon  
Causey, Leslie  
Chambers, Detra  
Chamblee, Ashton

Zappa, Michael  
Cabezudo, Ignacio  
Briggs, John  
Mikles, Mark  
Wonsick, Melinda  
Pojol, Ricardo  
Sachar, Ravish  
L'Italien, Anita  
Andy, Camille  
Charles, Kirk  
Foster, Matthew  
Monds, Alvah  
Monds, Alvah  
Sowell, James  
Rosenbaum, David  
Burt, Mark  
Van Dongen, Philip  
Kypson, Alan  
Mendes, Robert  
Defreitas, Dorian  
Idrissi, Rachid  
Idrissi, Rachid  
Foster, James  
Graham, Linda  
Mazzola, Joseph  
Gupta, Manoj  
Smith-Banks, Albertina  
Sachdeva, Alka  
Patel, Amit  
McGee, Donna  
Gray, Erin  
Chima, Chukwuemeka  
Onyeaso, Elizabeth  
Brown, Randolph  
Wu, Willis  
Kwiatkowski, Timothy  
Sampson, John  
Collins, Roger  
San Miguel, Eduardo  
Schutt, Melissa  
Noureddine, Nizar  
Roy, Brandon  
Lee, Melvin  
Abrams, Jeffrey  
Helleby, Leticia  
Box, Emily

Raeford  
Yanceyville  
Lillington  
Raleigh  
Jefferson  
Lumberton  
Raleigh  
Raleigh  
Greensboro  
Raleigh  
Chapel Hill  
Gatesville  
Tyner  
Whiteville  
Raleigh  
Raleigh  
Edenton  
Greenville  
Raleigh  
Raleigh  
Benson  
Clayton  
Charlotte  
Wilmington  
Morganton  
Smithfield  
Raleigh  
Raleigh  
Spindale  
Salisbury  
Fayetteville  
Fayetteville  
Burlington  
Raleigh  
Greensboro  
Durham  
Cary  
Kenansville  
Charlotte  
Mt Airy  
Raleigh  
Burlington  
Raleigh  
Winston Salem  
Charlotte

Cheek, Tamra  
Chen, Yuegang  
Cheshire, John  
Christy, Windy  
Clark, Gilbert  
Clifton, Raymond  
Cline, Rachel  
Coates, Caitlyn  
Cohen, Jonathan  
Cohen, Jonathan  
Cohen, Jonathan  
Cohen, Jonathan  
Cooper, Michelle  
Copeland, Chanel  
Corbin, Justin  
Cornella, Valerie  
Cowick, Michael  
Cox, Marcus  
Dana, Caroline  
Dana, Caroline  
Davanzo, Michael  
Davis, Melissa  
Dean, Barbara  
DeBarth, Kenneth  
DeBarth, Kenneth  
Deese, Vanessa  
DeLancy, Robert  
Diaz, Claudia  
Dort, Megan  
Driver, Phyllis  
Duffie, Matthew  
Dungan, Kia  
Dunigan, Ashley  
Dunn, Cynthia  
Dunn, Cynthia  
Dyches, Chelsey  
Eddins, Marla  
Edwards, John  
Einhellig, Sandra  
Einhellig, Sandra  
Einhellig, Sandra  
Erwin, Mack  
Ethier, Julie  
Faircloth, Cristie  
Ferebee, Sarah  
Figura, Thomas

Miller, Brian  
Maughan, Robert  
Martin, Mark  
Matheus, Virgilio  
Blackman, Christopher  
Smith, Carl  
Wachter, Adam  
Leung, Eugene  
Saxonhouse, Sherry  
Singh, Jaspal  
Shareef, Amirah  
Kendrick, Alfred  
Gray, Lee  
Bird, Nicholas  
McGirt, Matthew  
Coxe, James  
Herman, Dennice  
Harrell, Russell  
Sachdev, Gaurav  
Singh, Jaspal  
Payvar, Saeed  
Stewart, Christopher  
Kimbrow, Michael  
Petzing, Christine  
Morway, Linda  
Wood, Christopher  
Kader, Ronald  
Rish, Carlos  
Wakefield, Matthew  
Mann, Scott  
Racharla, Sushma  
Milas, Zvonimir  
Koewler, Thomas  
Burke, James  
Strittmatter, Warren  
Wu, Willis  
Sachdev, Gaurav  
Cowan, Lisa  
Durrani, Shakeel  
Sisco, Lance  
Yaste, Jeffrey  
Kingston, Carlene  
Leggett, Kelly  
Rucci, Jennifer  
Harkins, Paul  
Krishnaraj, Ramesh

Greensboro  
Fayetteville  
Kings Mountain  
Lumberton  
Greensboro  
Raleigh  
Durham  
Garner  
Charlotte  
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Charlotte  
Durham  
Charlotte  
Raleigh  
Lenoir  
Aberdeen  
Charlotte  
Charlotte  
Winston Salem  
Lillington  
Boone  
Southern Shores  
Nags Head  
Sanford  
Southern Pines  
Charlotte  
Greensboro  
Goldsboro  
Charlotte  
Charlotte  
Charlotte  
Durham  
Durham  
Raleigh  
Charlotte  
Raeford  
Asheboro  
Asheboro  
Asheboro  
Charlotte  
Greensboro  
Charlotte  
Greensboro  
Morganton

Fillman, Robert  
Fischer, Rebecca  
Fitzgerald, Alexandra  
Fleming, Megan  
Fleming, Megan  
Fleming, Megan  
Flores, Tobey  
Fluech, David  
Friant, Ivan  
Frostad, Kirsten  
Gainey, Sarah  
Galavotti, Marisa  
Galgano, Christopher  
Gandhi, Meera  
Gann, Tiffany  
Garcia, Dalan  
Garcia, Dalan  
Gardner, Rachel  
Geerdes, Korey  
Gennosa, Lisa  
Girskis, Jennifer  
Goddard, Matthew  
Godwin, Anita  
Gonzales, Lazaro  
Gordon-Escobar, Kathryn  
Gossett, Julie  
Grady, Averi  
Greene, Liza  
Gregory, Richard  
Grippon, Nathalie  
Grissom, Jerald  
Gruner, Kristin  
Gudger, Marian  
Gumpert, Julia  
Hall, Blaine  
Hall, Carrie  
Hamlin, Ryan  
Hanes, Elizabeth  
Hanvey, Shannon  
Hardin, Melissa  
Harding, Leeanna  
Harding, Leeanna  
Hardison, Abby  
Harper, John  
Hawkins, Peter  
Hayes, Kathleen

Jablonski, Donald  
Cuellar, John  
Reyes, Rodolfo  
Brown, Robert  
King, Peter  
Robbins, Robert  
Bartels, Pamela  
Callahan, Joel  
Garrett, James  
Biggers, William  
Taavoni, Shohreh  
Saad, Maged  
Sy, Alexander  
Elston, Scott  
Beavers, Clarence  
Krenzel, Brian  
Norcross, Jason  
Veatch, Philip  
Morris, Andrew  
Gennosa, Thomas  
Kolb, Terence  
Wharton, William  
Saluke, Julia  
Gonzalez, Luis  
Bitner, Matthew  
Gordon, Charles  
Messner, Keith  
Robinson, Linda  
Burke, Lillian  
Burnett, Tara  
Bishop, Jonathan  
White, Jonathan  
Mann, Scott  
Butler, Brad  
Wachter, Adam  
Weathers, John  
Deol, Gurvinder  
Keen, Stephen  
Jones, Stephen  
Abbasinejad, Meisha  
Jones, Karen  
Vincent, Mark  
Elbeery, Joseph  
Villacorte, Lizette  
Schoenfeldt, Brent  
Rucci, Jennifer

Hendersonville  
Asheville  
Lillington  
Asheboro  
Asheboro  
Asheboro  
Marion  
Hendersonville  
Jacksonville  
Kinston  
Durham  
Garner  
Durham  
Morrisville  
Eden  
Hickory  
Hickory  
Albemarle  
Hendersonville  
Robersonville  
Sylva  
Asheville  
Kings Mountain  
Durham  
Henderson  
Charlotte  
Fayetteville  
Coats  
Greenville  
Raleigh  
Winston Salem  
Waynesville  
Goldsboro  
Angier  
Durham  
Clemmons  
Raleigh  
Clayton  
Shelby  
Fayetteville  
Huntersville  
Huntersville  
Greenville  
Hickory  
Albemarle  
Charlotte

Heath, Jessica  
Heggerick, Gretchen  
Hekman, Aliza  
Herlihy, Michelle  
Heslep, Mallory  
Heslep, Mallory  
Hickman, William  
Hicks, Bradley  
Higginbotham, Brittany  
Hill, Crystal  
Hilliard, Michelle  
Hilton, Meleah  
Hlavacek, Sarah  
Ho, Eric  
Holbrook, Jaime  
Holbrook, Jaime  
Holmes, Alisha  
Hough, Brian  
Howard, Erin  
Huckabee, Taylor  
Hunter, Sara  
Hurley, Patrick  
Jacobs, Jenna  
Jakubisin, Mark  
Jarrahizadeh, Reza  
Jasienowski, Julie  
Jennings, Willard  
Johnson, Kevin  
Johnson, Kevin  
Johnson, Tiffany  
Johnston, Sara  
Johnston, Sara  
Jones, Cortney  
Junkins, Savannah  
Keller, Amber  
Kelley, Margaret  
Kelly, Erica  
King, Christina  
King, Christina  
Kirong, Bridget  
Kistemaker, Theodore  
Kittleson, Jeanie  
Knudsen, Joshua  
Kobeissi, Ashraf  
Kobeissi, Ashraf  
Kober, Charles

Jimenez, Shannon  
Scheibner, Stephen  
Priest, David  
Calhoun, Rebecca  
DePietro, Perry  
Elsey, Richard  
Swarup, Jitendra  
Torrealba, Ruben  
Keith, Samuel  
Catz, Nitzan  
Richardson, Gaa  
Jones, Stephen  
Lachiewicz, Paul  
Mazzola, Joseph  
Daggubati, Ramesh  
Jacob, Mark  
Bitner, Matthew  
Kader, Ronald  
Clark, Robert  
Klein, Steven  
Biggers, William  
Evans, Charlotte  
Short, James  
Christy, Ralph  
Luoma, David  
Brown, Robert  
Wakefield, Matthew  
Jordan, Joseph  
Patel, Shirley  
Ogle, John  
Lee, Melvin  
Goff, David  
Pridgen, James  
Keen, Stephen  
Lee, Andrew  
Wood, Christopher  
Yuengel-Bienenfeld, Christine  
Kolasch, Craig  
Voellinger, David  
Harrelson, Anna  
Wood, David  
Kypson, Alan  
McGeary, Scott  
Glaser, Mark  
Zappa, Michael  
Brown, Thomas

Goldsboro  
Statesville  
Winston Salem  
Hope Mills  
Charlotte  
Charlotte  
Washington  
Greensboro  
Asheboro  
Smithfield  
Hickory  
Shelby  
Chapel Hill  
Morganton  
Greenville  
Greenville  
Henderson  
Pinehurst  
Newland  
Wilmington  
Kinston  
Yadkinville  
Roxboro  
Concord  
Dallas  
Randleman  
Greensboro  
Greenville  
Greenville  
Greenville  
Clayton  
Raleigh  
Whiteville  
Rocky Mount  
Elkin  
Sanford  
Winston Salem  
Matthews  
Charlotte  
Charlotte  
Winston Salem  
Greenville  
raleigh  
Fayetteville  
Fayetteville  
Greensboro



Kober, Charles  
Kobuszewski, Shani  
Komar, Eric  
Kopp, Aaron  
Kreshon, Mary  
Krol, Alicia  
Kuehn, Sarah  
Kurz, Dennis  
Lambdin, Shelly  
Lee, Damian  
Lee, Young  
Leiken, Shuli  
Levan Elbel, Stephanie  
Lilly, Michelle  
Ludwick, Tiffany  
Lugg, Wilfrida  
Mack, Charmeen  
Mahar, Colleen  
Mann, Karen  
Martin, Kristie  
Mauney, Jessica  
McBryde, Brandy  
McBryde, James  
McBryde, James  
McBryde, James  
McConnell, Susan  
McCorison, Andrew  
McCoy, Abraham  
McCrate, Elizabeth  
McDonald-Fletcher, Varnell  
McGroarty, Carrie  
McGuire, Terri  
McKnight, Susan  
McMillen, Peggy  
McMunigle, Megan  
McQuiston, LauraRuth  
Melgar, Tammy  
Meng, Hao  
Meng, Hao  
Merrell, Hannah  
Michael, Ann  
Michel, Chad  
Miller, Brooke  
Miller, Ryan  
Mixon, Lauren  
Mohler, Monica

Kumar, Archana  
Kapadia, Sheena  
Brown, Randolph  
Parnell, Jerome  
Fuller, Stanley  
Koewler, Thomas  
Henegar, Martin  
Heavner, Teresa  
Fong, Philip  
Thomason, Michael  
Dhawan, Surinder  
Gring, Christian  
Masere, Constant  
Blackmore, Jonathan  
Monroe, Martina  
McCutchen, Jeffrey  
Keen, Stephen  
Torrealba, Ruben  
Jones, Gregory  
Pojol, Ricardo  
Miller, Lisa  
Heron, Kerrie-Anne  
Lanuti, Stephen  
Parkes, Brian  
Salloum, Leslie  
Curran, Diana  
Ghassemian, Jafar  
Solic, John  
Collins, Richard  
Parnell, Jerome  
Abrams, Jeffrey  
Masere, Constant  
Jordan, Joseph  
French, Kevin  
Daly, Claudia  
Kim, Seung Won  
Weiland, Paul  
Saxonhouse, Sherry  
Singh, Jaspal  
Miller, Brian  
Williams, Jerome  
Sikes, Charles  
Ferguson, Cristin  
Brown, Robert  
Petri, Lisa  
Jones, Karen

Greensboro  
Charlotte  
Winston Salem  
Raleigh  
Winston Salem  
Charlotte  
Charlotte  
Andrews  
Durham  
Charlotte  
Sanford  
Raleigh  
Spring Lake  
Wilmington  
Raeford  
Charlotte  
Clayton  
Greensboro  
Belhaven  
Lumberton  
Greensboro  
Wilson  
Laurinburg  
Laurinburg  
Laurinburg  
Asheville  
Butner  
Raleigh  
Charlotte  
Raleigh  
Raleigh  
Lillington  
Greenville  
New Bern  
Greenville  
Fayetteville  
Tarbor  
Charlotte  
Charlotte  
Greensboro  
Charlotte  
Mooresville  
Winston Salem  
Asheboro  
Pilot Mountain  
Fayetteville

Morgan, Jamie  
Morrison, Jeffrey  
Mountcastle, Brandy  
Mowrey, Sharon  
Murphy, Joanne  
Murr, Ashley  
Nardozzi, Shannon  
Nario, Myra Flor  
Nguyen, Minhdan  
Noel, Tiffany  
Nordan, Ashley  
Obi, Olisa  
Obi, Olisa  
O'Brien, Kimberly  
O'Connell, Kristy  
Ogunniyi, Sola  
Olsen, Amanda  
O'Malley, Erin  
Ortiz Pate, Nathalie  
Osborne, Kelly  
Overton, LeVon  
Pace, S.  
Paitsel, Lisa  
Palmer, John  
Patane, Jeffrey  
Patane, Jeffrey  
Patel, Kishor  
Patel, Kishor  
Patel, Priya  
Patnode, Sarah  
Paul, Marianne  
Petrie, Meg  
Piepenbrink, Jennifer  
Porter, Kelly  
Porter, Scott  
Poulin, Amanda  
Poythress, Lindsey  
Pressley, Shanna  
Pyburn, Stacy  
Qadri, Ishtyaq  
Quattlebaum, Denise  
Queen, Julie  
Quigg, Megan  
Quigg, Megan  
Quigg, Megan  
Radhakrishnan, Senthilkumar

Oxendine, Toni  
Hamid, Nady  
Dave, Nailesh  
Lish, Michael  
Selley, Victoria  
Reyes, Rodolfo  
Mandhare, Vijaysinha  
Thornton, David  
Friedman, Henry  
Payvar, Saeed  
Pearson, Marilyn  
Mayer, Katherine  
McBryde, John  
Petruzzello, Mark  
Khera-McRackan, Daniel  
Barrow, Tawana  
Diehl, Cynthia  
Miller, Brian  
East, Joan  
Wakefield, Matthew  
Surgers, Sherri  
Land, Eurgia  
Irvin, John  
Messner, Keith  
Dave, Jayesh  
Locklear, Irlene  
Edosomwan-Eigbe, Emmanuel  
Ikuru, Esther  
Alexander, James  
Scott, Louie  
Attarian, David  
Moore, Kenneth  
Miller, Brian  
Lee, Kenneth  
Pojol, Ricardo  
Kypson, Alan  
Mehlhop, Paul  
Jacobs, Ronnie  
Fender, Trace  
Lorelli, Lisa  
Roy, Brandon  
Breiner, Jeffrey  
O'Connor, Kevin  
Quigg, Gary  
Bradstreet, Jennifer  
Sampson, John

Pembroke  
Charlotte  
Lillington  
Raleigh  
Morehead City  
Smithfield  
Raleigh  
Pinehurst  
Durham  
Winston Salem  
Smithfield  
Charlotte  
Charlotte  
Tarboro  
Raleigh  
Raleigh  
Greensboro  
Moncure  
Greensboro  
Raleigh  
Greenville  
Leland  
Fayetteville  
Fayetteville  
Fayetteville  
Charlotte  
Charlotte  
Charlotte  
Winston Salem  
Durham  
Rocky Mount  
Greensboro  
Greenville  
Lumberton  
Greenville  
Greenville  
Asheville  
Asheville  
Morganton  
Raleigh  
Garner  
Gastonia  
Concord  
Gastonia  
Durham

Raine, Caleb  
Rankin, Rebecca  
Rankin, Rebecca  
Rashid, Shafaq  
Ray, Jonathan  
Ray, Nicole  
Reed, Sarah  
Repas, Kathryn  
Rhodes, Adam  
Rhodes, Adam  
Rieman, Lynn  
Rigsbee, William  
Rippel, Janet  
Ritter, Karen  
Robinson, Anthony  
Robinson, Heather  
Rocha, Gabriel  
Rocha, Gabriel  
Roemer, William  
Rogers, Christina  
Rohde, Karen  
Rojas, Brian  
Rojas, Brian  
Rutherford, Althea  
Saez, Elizabeth  
Salinas, Eric  
Sampson, Dawn  
Sams, David  
Sams, David  
Sasaki, Angela  
Scheer, Elizabeth  
Schell, Elaine  
Scherer, Christine  
Schmid, Kaitlyn  
Schoonover, Brandon  
Schumacker, Clifford  
Sciacca, Marissa  
Sears, Sandra  
Sears, Sandra  
Shaffer, James  
Shamblin, Allison  
Shamblin, Allison  
Shaw, Lindsey  
Shear, Ashleigh  
Shear, Ashleigh  
Shelley, Danielle

O'Connor, Kevin  
Sigmon, Justin  
Dorris, Hugh  
Powell, Bayard  
Tran, Raymond  
Beasley, Evan  
Clary, Bryan  
Perkins, Gwendolyn  
Reed, Charles  
Fisher, George  
Garrett, Valerie  
Blackmore, Jonathan  
Abrams, Jeffrey  
Garrison, Michael  
Goff, David  
Kommu, Chandrasekhar  
Sachdev, Gaurav  
Huber, Kenneth  
Murray, Laura  
Anderson, Jeffery  
DePietro, Perry  
De Beck, Christian  
Abrams, Jeffrey  
Stanley, Samuel  
Burgess, Earle  
Nunley, James  
Irvin, John  
Lautenschlaeger, Natascha  
Duffey, Robert  
Michal, Richard  
Forest, Daniel  
Larson, Jennifer  
Chang, Felicia  
Doochan, Thomas  
Udekwu, Pascal  
Koenig, David  
Miller, Brian  
Agor, Longinus  
Auten, Grace  
Guerrier, Mahalia  
Hays, Edward  
McGriff, Gregory  
Annunziata, Christine  
Biggers, William  
Wheatley, William  
Abrams, Jeffrey

Gastonia  
Asheville  
Asheville  
Winston Salem  
Lincolnton  
Hendersonville  
Durham  
Monroe  
Hickory  
Hickory  
Asheville  
Wilmington  
Raleigh  
Lexington  
Raleigh  
Clayton  
Charlotte  
Charlotte  
Mebane  
Trenton  
Charlotte  
Jacksonville  
Raleigh  
Durham  
Charlotte  
Durham  
Leland  
Hendersonville  
Hendersonville  
Rocky Mount  
Winston Salem  
Spruce Pine  
Elizabeth City  
Monroe  
Raleigh  
Bolvia  
Greensboro  
Asheville  
Asheville  
Raeford  
Rutherfordton  
Rutherfordton  
Stallings  
Kinston  
New Bern  
Raleigh

Shenkman, Tammy  
Sherlock, Randy  
Shi, Biqi  
Shiminski, Alison  
Shiple, Morgan  
Shipman, Jerry  
Silberstein, Kristina  
Smith, Amy  
Smith, Angelo  
Smith, Chad  
Smith, Glenn  
Smith, Joshua  
Smith, Tracey  
Smith, Tracey  
Smith-Hartness, June  
Solosko, Stephanie  
Sparks, Shannon  
Srikantha, Venayagaratnam  
Stamper, Elmer  
Stamper, Elmer  
Stark, Krista  
Stauffer, Tiffanie  
Stell, Ashley  
Stern, Andrew  
Stiles, Michelle  
Stiles, Michelle  
Stilwell, Bryson  
Strong, Garon  
Sullivan, Ursula  
Sullivan, Ursula  
Surovchak, David  
Swain, Kelly  
Sweeney, Catherine  
Sweeney, Catherine  
Talley, Courtney  
Talley, Courtney  
Talley, Courtney  
Tamok, Miranda  
Taylor, Jessica  
Te, Kaliyann  
Te, Kaliyann  
Thayer, Nancy  
Thiedeman, Stacy  
Thiedeman, Stacy  
Thurman, Jennifer  
Tiffany, Allison

Daud, Shahnaz  
Shelton, Phyllis  
Riedel, Richard  
Petri, Lisa  
Fowler, Wesley  
Mann, Scott  
Bayless, Teah  
Hilaman, Brad  
Polsky, Saul  
Ahmed, Maqsood  
Kypson, Alan  
Woodard, Charles  
Kim, Seung Won  
Kim, Seung Won  
Okwara, Benedict  
Moore, Kenneth  
Zawodniak, Mark  
Mann, Scott  
Armistead, Hal  
Crilly, Adam  
Johnson, Michael  
Shuler, Jimmie  
Inman, Joel  
Baillie, John  
Shah, Priyavadan  
Hamrick, George  
Collins, Robert  
Kader, Ronald  
Daggubati, Ramesh  
Jacob, Mark  
Polanco, Leonard  
Sachar, Ravish  
Stewart, Robert  
Arcedo, Perico  
Robinson, Edward  
McNamara, Michael  
Pratt, Tanya  
Polsky, Saul  
Kornegay, Hervy  
Adesanya, Yetunde  
Sharma, Manu  
Kolb, Terence  
Kelley, John  
Netrebko, Pavlo  
Hillman, Jason  
Parker, John

Cary  
Asheville  
Durham  
Pilot Mountain  
Asheville  
Goldsboro  
Durham  
Southport  
Elizabeth City  
Goldsboro  
Greenville  
Durham  
Fayetteville  
Fayetteville  
Monroe  
Rocky Mount  
New Bern  
Goldsboro  
Charlotte  
Valdese  
Charlotte  
Spring Lake  
Taylorsville  
Morehead City  
Cary  
Raleigh  
Greensboro  
Southern Pines  
Greenville  
Greenville  
Graham  
Raleigh  
Durham  
Durham  
Greensboro  
High Point  
Greensboro  
Elizabeth City  
Kenansville  
Fayetteville  
Hope Mills  
Sylva  
Raleigh  
Cary  
Charlotte  
Wilmington

Todd, James  
Tolba, Lamiaa  
Tolba, Lamiaa  
Tolba, Lamiaa  
Tonweber, Leandra  
Toppin, Gary  
Totten, Tracy  
Trenner, James  
Trent, Stephanie  
Trimble, Carrie  
Tyndall, Kayla  
Ulstad, Richard  
Ulstad, Richard  
Ulstad, Richard  
Ulstad, Richard  
Ulstad, Richard  
Ulstad, Richard  
Ulstad, Richard  
Underwood, Ashley  
Van Benthuyzen, Richard  
Van Houten, Valorie  
Vanco, Catherine  
Vicario, Elisa  
Wagner, Shawn  
Walder, Erica  
Walline, Katina  
Wallman, Rebecca  
Wangerin-Lile, David  
Wangerin-Lile, David  
Ward, Ian  
Waronsky, Roy  
Waters, Shannon  
Watts, Willie  
Weaver, Jennifer  
Weaver, Mary  
Weber, Joyce  
Wedsworth, Jeanette  
Wells, Karen  
West, Brittany  
Wheeler, Lisa  
Wheeler, Lisa  
Whibby, Pamela  
White, Dale  
White, Dale  
White, Elizabeth  
White, Steven

Maramraj, Kishan  
Neuspiel, Daniel  
Mange, Stephen  
Blank, Roy  
O'Connor, Maeve  
Bridger, Dewey  
Roush, Timothy  
Mayer, Karen  
Patel, Swetang  
Browne, Richard  
Chiodo, Mary  
Whitesides, Edward  
Nichols, Robert  
Jackson, Anita  
Zeman, Peter  
Wells, Wendell  
Lovett, John  
Russell, William  
Prakken, Steven  
Ghassemian, Jafar  
Moore, Kenneth  
Gammon, Gary  
Smith, James  
San Miguel, Eduardo  
Shakir, Mohamad  
Snyder, Laurie  
Powell, Bayard  
Holmes, Matthew  
Teater, Donald  
Fleishman, Samuel  
Owensby, Charlton  
Herman, Dennice  
Doochan, Thomas  
Rhyne, Alfred  
Vesa, Allin  
Huff, William  
Frank, Harrison  
Miracle, John  
Turner, Steven  
Buie, Stephen  
DePaolo, Charles  
Mann, Scott  
Ahmed, Maqsood  
Frederick, Maximus  
Wakefield, Matthew  
Hazel, Letitia

Salisbury  
Charlotte  
Davidson  
Monroe  
Charlotte  
Wilmington  
Charlotte  
Garner  
Jacksonville  
Charlotte  
Dunn  
Wilmington  
Wilmington  
Lumberton  
Wilmington  
Lumberton  
Wilmington  
Wilmington  
Durham  
Butner  
Rocky Mount  
Pinehurst  
Raleigh  
Kenansville  
Fayetteville  
Durham  
Winston Salem  
Waynesville  
Waynesville  
Fayetteville  
Charlotte  
Lenoir  
Monroe  
Charlotte  
Statesville  
Clinton  
Burlington  
Advance  
Garner  
Asheville  
Asheville  
Goldsboro  
Knightdale  
Raleigh  
Greensboro  
Durham

Whitney, Douglas  
Williams, Andrew  
Williams, Clifton  
Williams, Deborah  
Williams, Kevin  
Williams, Mary  
Willis, Jason  
Wilson, Lindsay  
Winkel, Scott  
Woglom, Peter  
Wombacher, Timothy  
Wright, James  
Yang, Pangnhia  
Yeager, Brittany  
Young, Anthony  
Young, Lauren  
Zeiler, Kristyn  
Zeiler, Kristyn  
Zeiler, Kristyn

Dixon, Donovan  
Klumpar, David  
Pickett, John  
Lorelli, Lisa  
Marquand, Wesley  
Mackinnon, Christopher  
Mull, Courtney  
Wall, Benjamin  
Alexander, Barbara  
Sewell, Kia  
Nagasawa, Kelly  
Moore, Kenneth  
Stewart, Donald  
Heron, Kerrie-Anne  
Johnson, Earlie  
Hodges, Francisco  
Bongu, Ram  
Taiwo, Adebukola  
Okonkwo, Ifeyinwa

Pembroke  
Pinehurst  
Windsor  
Morganton  
McAdenville  
Raleigh  
Marion  
Wilmington  
Durham  
Winston Salem  
Winston Salem  
Rocky Mount  
Lenoir  
Wilson  
Holly Ridge  
Asheboro  
Fayetteville  
Fayetteville  
Fayetteville

NORTH CAROLINA MEDICAL BOARD  
PROJECT ON ELECTRONIC VERIFICATION  
OF VERIFICATION OF MEDICAL & PA EDUCATION FORMS  
March 2014

LICENSING COMMITTEE AGENDA ITEM

1. History:
  - a. Board is seeking ways to make licensing process faster, easier and more efficient for both applicants and Registrars, while maintaining high level of security and confidence in authenticity of documents.
  - b. Efforts thus far:
    1. Board deleted requirement that schools affix school seal.
    2. Board has changed the forms. Applicant goes to online application, downloads educational verification form, and gets it to Registrar. (Applicant must locate registrar's physical mail or email address. There is no available list of email addresses for all registrars.) Registrar prints out form, completes it (usually by hand), signs the form, scans it as a PDF document, and then emails to NCMB as an attachment to appropriate NCMB mailbox. RTL verification forms are emailed to the Graduate Medical Education office at the institution where the physician will train and then forwarded to NCMB License Department.
    3. Feedback from Registrars: very positive. Ninety-eight percent of all verification forms are being returned via email. They must be returned directly from the school; applicant may not handle completed document themselves.
    4. New process saves time and money because documents are not being sent back by US mail.
2. New Business: Staff plans to convert forms to fillable online PDF documents that the PA school, medical or osteopathic school Registrar would complete electronically.
  - a. Issue for Licensing Committee: Is NCMB willing to revise its Verification of Medical Education (and PA education) forms to permit school to type the name of the Registrar, instead of adding a manual signature? This would be easy for Board to implement and would not require high tech changes. Security of document would derive from it being sent electronically from appropriate address. Example: [forrest\\_page@med.unc.edu](mailto:forrest_page@med.unc.edu). Licensing Coordinators would check that the email address is tied to the institution.
  - b. If Board approves this, all similar forms would be changed, for AAs, Perfusionists, etc.
  - c. Staff considered using DocuSign, EchoSign, etc. but those applications aren't appropriate for our web-based forms.

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Attach: verification forms for medical schools, PA schools and RTLs & instructions for those forms

# NORTH CAROLINA MEDICAL BOARD

## VERIFICATION OF MEDICAL EDUCATION

- 1) Complete the form.
- 2) Scan the completed form and email to [license@ncmedboard.org](mailto:license@ncmedboard.org).
- 3) This form must be emailed directly from the Medical School.

Name of Physician:

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Name of Institution:

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### **Enrollment and Participation:**

Our records indicate that the physician named above attended our medical school for a total of

\_\_\_\_\_ weeks of medical education on the following dates:

From \_\_\_\_\_ to \_\_\_\_\_  
Month/Year Month/Year

This physician was awarded their medical degree on \_\_\_\_\_.  
Month/Year

This physician did not receive a medical degree and left the institution on \_\_\_\_\_.  
Month/Year

### **Unusual Circumstances:**

The following questions apply to unusual circumstances that occurred during any part of the physician's medical education. Please check the appropriate response and provide dates and requested information. "Yes" responses to any of these questions require a copy of explanatory records or a written explanation (attach additional pages as necessary).

1. Does this physician's official records reflect that he/she was ever disciplined for unprofessional conduct/behavioral reasons by the medical school or parent university?

Yes ( ) No ( )

If YES, provide detailed documentation/information about the circumstances and outcomes(s):

---

2. Does this physician's official records reflect that he/she was ever the subject of negative reports for behavioral reasons or an investigation by the medical school or parent university?

Yes ( ) No ( )

If YES, provide detailed documentation/information about the circumstances and outcomes(s):

---



3. Does this physician's official records reflect that there were any limitations or special requirements imposed on the physician because of questions of academic incompetence, disciplinary problems, or any other reason?

Yes ( ) No ( )

If YES, provide detailed documentation/information about the circumstances and outcomes(s):

---

**Page 2 of 2**

**Verification of Medical Education**

4. Does this individual's official record reflect interruption(s) or extension(s) in his/her medical education? Yes ( ) No ( )

If YES, select the reasons indicate the dates of the interruption(s) or extensions(s) and check whether the interruption/extension was approved or unapproved.

<u>Reason</u>	<u>From Month/Year</u>	<u>To Month/Year</u>	<u>Approved</u>	<u>Unapproved</u>
Personal/Family	_____	_____	( )	( )
Academic remediation	_____	_____	( )	( )
Health	_____	_____	( )	( )
Financial	_____	_____	( )	( )
Participation in joint degree program	_____	_____	( )	( )
Participation in non-research special study	_____	_____	( )	( )
Participation in non-degree research	_____	_____	( )	( )
Other	_____	_____	( )	( )

If other, specify reason

---

5. Does this physician's official record reflect he/she was ever placed on academic or disciplinary probation during his/her medical education?

Yes ( ) No ( )

	<u>From Month/Year</u>	<u>To Month/Year</u>
Academic Probation	_____	_____
Probation for unprofessional conduct/behavior	_____	_____
Probation for other reason	_____	_____

Specify probation for other reason:

---

**The Dean or other medical school official must complete the certification and sign.**

By my signature, I \_\_\_\_\_, certify that the information in this document is an accurate account of the above named individual's records maintained in this office and is true and correct to my knowledge.

Signature of certifying official: \_\_\_\_\_  
**(Signature is required)**

Title: \_\_\_\_\_

Email address: \_\_\_\_\_

Date of signature: \_\_\_\_\_

**NORTH CAROLINA MEDICAL BOARD**  
**VERIFICATION OF MEDICAL EDUCATION FORM A**

- 3) Complete this form.
- 4) Scan the completed form and email to: \_\_\_\_\_
- 3) This form must be emailed directly from the Medical School to the GME office.

Name of Applicant: \_\_\_\_\_

Name of Institution:  
\_\_\_\_\_

**Enrollment and Participation:**

Our records indicate that the physician named above **has** completed the requirements for the MD/DO degree and completed \_\_\_\_\_ weeks of medical education.

This individual is **anticipated** to receive the MD or DO degree on \_\_\_\_\_  
Month/Year

This physician **did not** receive a medical degree and left the institution on \_\_\_\_\_  
Month/Year

**Unusual Circumstances:**

The following questions apply to unusual circumstances that occurred during any part of the physician's medical education. Please check the appropriate response and provide dates and requested information. "Yes" responses to any of these questions require a copy of explanatory records or a written explanation (attach additional pages as necessary).

1. Does this physician's official records reflect that he/she was ever disciplined for unprofessional conduct/behavioral reasons by the medical school or parent university?

Yes ( ) No ( )

If YES, provide detailed documentation/information about the circumstances and outcomes(s):

\_\_\_\_\_

2. Does this physician's official records reflect that he/she was ever the subject of negative reports for behavioral reasons or an investigation by the medical school or parent university?

Yes ( ) No ( )

If YES, provide detailed documentation/information about the circumstances and outcomes(s):

\_\_\_\_\_

3. Does this physician's official records reflect that there were any limitations or special requirements imposed on the physician because of questions of academic incompetence, disciplinary problems, or any other reason?

Yes ( ) No ( )

If YES, provide detailed documentation/information about the circumstances and outcomes(s):

**Page 2 of 2**  
**Verification of Medical Education**

4. Does this individual's official record reflect interruption(s) or extension(s) in his/her medical education? Yes ( )  
 No ( )

If YES, select the reasons indicate the dates of the interruption(s) or extensions(s) and check whether the interruption/extension was approved or unapproved.

<u>Reason</u>	<u>From Month/Year</u>	<u>To Month/Year</u>	<u>Approved</u>	<u>Unapproved</u>
Personal/Family	_____	_____	( )	( )
Academic remediation	_____	_____	( )	( )
Health	_____	_____	( )	( )
Financial	_____	_____	( )	( )
Participation in joint degree program	_____	_____	( )	( )
Participation in non-research special study	_____	_____	( )	( )
Participation in non-degree research	_____	_____	( )	( )
Other	_____	_____	( )	( )

If other, specify reason

5. Does this physician's official record reflect he/she was ever placed on academic or disciplinary probation during his/her medical education?  
 Yes ( ) No ( )

	<u>From Month/Year</u>	<u>To Month/Year</u>
Academic Probation	_____	_____
Probation for unprofessional conduct/behavior	_____	_____
Probation for other reason	_____	_____

Specify probation for other reason:

**The Dean or other medical school official must complete the certification and sign.**

By my signature, I \_\_\_\_\_, certify that the information in this document is an accurate account of the above named individual's records maintained in this office and is true and correct to my knowledge.

Signature of certifying official: \_\_\_\_\_  
**(Signature is required)**

Title: \_\_\_\_\_

Email address: \_\_\_\_\_

Date of signature: \_\_\_\_\_

**NORTH CAROLINA MEDICAL BOARD**  
**VERIFICATION OF MEDICAL EDUCATION FORM B**

- 5) Complete this form.
- 6) Scan the completed form and email to:
- 3) \_\_\_\_\_  
This form must be emailed directly from the Medical School to your GME office.

Name of Physician: \_\_\_\_\_

Name of Institution: \_\_\_\_\_

**Enrollment and Participation:**

Our records indicate that the physician named above attended our medical school for a total of

\_\_\_\_\_ weeks of medical education on the following dates:

From \_\_\_\_\_ to \_\_\_\_\_  
Month/Year Month/Year

This physician was awarded their medical degree on \_\_\_\_\_.  
Month/Year

This physician did not receive a medical degree and left the institution on \_\_\_\_\_.  
Month/Year

**Unusual Circumstances:**

The following questions apply to unusual circumstances that occurred during any part of the physician's medical education. Please check the appropriate response and provide dates and requested information. "Yes" responses to any of these questions require a copy of explanatory records or a written explanation (attach additional pages as necessary).

- 1. Does this physician's official records reflect that he/she was ever disciplined for unprofessional conduct/behavioral reasons by the medical school or parent university?

Yes ( ) No ( )

If YES, provide detailed documentation/information about the circumstances and outcomes(s):

\_\_\_\_\_

- 2. Does this physician's official records reflect that he/she was ever the subject of negative reports for behavioral reasons or an investigation by the medical school or parent university?

Yes ( ) No ( )

If YES, provide detailed documentation/information about the circumstances and outcomes(s):

\_\_\_\_\_

3. Does this physician's official records reflect that there were any limitations or special requirements imposed on the physician because of questions of academic incompetence, disciplinary problems, or any other reason?

Yes ( ) No ( )

If YES, provide detailed documentation/information about the circumstances and outcomes(s):

\_\_\_\_\_

**Page 2 of 2**

**Verification of Medical Education**

4. Does this individual's official record reflect interruption(s) or extension(s) in his/her medical education? Yes ( ) No ( )

If YES, select the reasons indicate the dates of the interruption(s) or extensions(s) and check whether the interruption/extension was approved or unapproved.

<u>Reason</u>	<u>From Month/Year</u>	<u>To Month/Year</u>	<u>Approved</u>	<u>Unapproved</u>
Personal/Family	_____	_____	( )	( )
Academic remediation	_____	_____	( )	( )
Health	_____	_____	( )	( )
Financial	_____	_____	( )	( )
Participation in joint degree program	_____	_____	( )	( )
Participation in non-research special study	_____	_____	( )	( )
Participation in non-degree research	_____	_____	( )	( )
Other	_____	_____	( )	( )

If other, specify reason

\_\_\_\_\_

5. Does this physician's official record reflect he/she was ever placed on academic or disciplinary probation during his/her medical education?

Yes ( ) No ( )

	<u>From Month/Year</u>	<u>To Month/Year</u>
Academic Probation	_____	_____
Probation for unprofessional conduct/behavior	_____	_____
Probation for other reason	_____	_____

Specify probation for other reason:

\_\_\_\_\_

**The Dean or other medical school official must complete the certification and sign.**

By my signature, I \_\_\_\_\_, certify that the information in this document is an accurate account of the above named individual's records maintained in this office and is true and correct to my knowledge.

Signature of certifying official: \_\_\_\_\_  
**(Signature is required)**

Title: \_\_\_\_\_

Email address: \_\_\_\_\_

Date of signature: \_\_\_\_\_



# NORTH CAROLINA MEDICAL BOARD

## VERIFICATION OF PHYSICIAN ASSISTANT EDUCATION

- 7) Complete the form.
- 8) Scan the completed form and email to: [pa@ncmedboard.org](mailto:pa@ncmedboard.org)
- 9) This form must be emailed directly from the Physician Assistant Program.

Name of Physician Assistant:

\_\_\_\_\_

Name of Institution:

\_\_\_\_\_

### **Enrollment and Participation:**

Our records indicate that the Physician Assistant named above attended our Physician Assistant program

From \_\_\_\_\_ to \_\_\_\_\_  
Month/Year Month/Year

This individual was awarded the Physician Assistant degree on

\_\_\_\_\_.  
Month/Year

This individual did not receive the Physician Assistant degree and left the institution on

\_\_\_\_\_.  
Month/Year

### **Unusual Circumstances:**

The following questions apply to unusual circumstances that occurred during any part of the physician assistant's education. Please check the appropriate response and provide dates and requested information. "Yes" responses to any of these questions require a copy of explanatory records or a written explanation (attach additional pages as necessary).

1. Does this physician assistant's official records reflect that he/she was ever disciplined for unprofessional conduct/behavioral reasons by the PA school or parent university?

Yes ( ) No ( )

If YES, provide detailed documentation/information about the circumstances and outcomes:

\_\_\_\_\_

2. Does this physician assistant's official records reflect that he/she was ever the subject of negative reports for behavioral reasons or an investigation by the PA school or parent university? Yes ( ) No ( )

If YES, provide detailed documentation/information about the circumstances and outcomes:

- 
- 
3. Does this physician assistant's official records reflect that there were any limitations or special requirements imposed on the PA because of questions of academic incompetence, disciplinary problems, or any other reason? Yes ( ) No ( )

If YES, provide detailed documentation/information about the circumstances and outcomes:

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**File ID#**

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**Verification of Physician Assistant Education**

4. Does this individual's official record reflect interruption(s) or extension(s) in his/her PA education? Yes ( ) No ( )

If YES, select the reasons, indicate the dates of the interruption(s) or extensions(s) and check whether the interruption/extension was approved or unapproved.

<u>Reason</u>	<u>From Month/Year</u>	<u>To Month/Year</u>
<u>Approved</u> <u>Unapproved</u>		
Personal/Family	_____	_____ ( ) ( )
Academic remediation	_____	_____ ( ) ( )
Health	_____	_____ ( ) ( )
Financial	_____	_____ ( ) ( )
Participation in joint degree program	_____	_____ ( ) ( )
Participation in non-research special study	_____	_____ ( ) ( )
Participation in non-degree research	_____	_____ ( ) ( )
Other	_____	_____ ( ) ( )

If other, specify reason

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5. Does this physician assistant's official record reflect he/she was ever placed on academic or disciplinary probation during his/her PA education? Yes ( ) No ( )

	<u>From Month/Year</u>	<u>To Month/Year</u>
Academic Probation	_____	_____
Probation for unprofessional conduct/behavior	_____	_____
Probation for other reason	_____	_____

Specify probation for other reason:

\_\_\_\_\_

**The Physician Assistant Program Director or other school official must complete the certification and sign.**

By my signature, I \_\_\_\_\_, certify that the information in this document is an accurate account of the above named individual's records maintained in this office and is true and correct to my knowledge.

Signature of certifying official: \_\_\_\_\_  
**(Signature is required)**

Title: \_\_\_\_\_

Email address: \_\_\_\_\_

Date of signature: \_\_\_\_\_

**File ID#**

## 21 NCAC 32U .0101 ADMINISTRATION OF VACCINES BY PHARMACISTS

(a) ~~An Immunizing Pharmacist shall administer only those vaccines or immunizations permitted by G.S. 90-85.15B and shall do so subject to all requirements of that statute and this Rule. Purpose. The purpose of this Rule is to provide standards for pharmacists engaged in the administration of influenza, pneumococcal and zoster vaccines as authorized in G.S. 90-85.3(r) of the North Carolina Pharmacy Practice Act.~~

(b) Definitions. The following words and terms, when used in this Rule, have the following meanings, unless the context indicates otherwise.

- (1) ~~"ACPE" means Accreditation Council for Pharmacy Education.~~
- (2) ~~"Administer" means the direct application of a drug to the body of a patient by injection, inhalation, ingestion, or other means by:~~
  - (A) ~~an Immunizing Pharmacist or a pharmacy intern who is under the direct, in-person supervision of an Immunizing Pharmacist; a pharmacist, an authorized agent under the pharmacist's supervision, or other person authorized by law; or~~
  - (B) ~~the patient at the direction of either an Immunizing Pharmacist or a health care provider authorized by North Carolina law to prescribe the vaccine. a physician or pharmacist.~~
- (2) "Immunizing Pharmacist" shall have the meaning provided in G.S. 90-85.3(j1).
- (3) "Pharmacy intern" shall have the meaning provided in 21 NCAC 46 .1317(28). ~~"Antibody" means a protein in the blood that is produced in response to stimulation by a specific antigen. Antibodies help destroy the antigen that produced them. Antibodies against an antigen usually equate to immunity to that antigen.~~
- (4) "Physician" means a currently licensed M.D. or D.O. with the North Carolina Medical Board who is responsible for the on-going, continuous supervision of the Immunizing Pharmacist pursuant to the Written Protocol between the Immunizing Pharmacist and the physician. ~~"Antigen" means a substance recognized by the body as being foreign; it results in the production of specific antibodies directed against it.~~
- (5) ~~"Board" means the North Carolina Board of Pharmacy.~~
- (6) ~~"Confidential record" means any health related record that contains information that identifies an individual and that is maintained by a pharmacy or pharmacist such as a patient medication record, prescription drug order, or medication order.~~
- (7) ~~"Immunization" means the act of inducing antibody formation, thus leading to immunity.~~
- (8) ~~"Medical Practice Act" means G.S. 90-1, et seq.~~
- (9) ~~"Physician" means a currently licensed M.D. or D.O. with the North Carolina Medical Board who is responsible for the on-going, continuous supervision of the pharmacist pursuant to written protocols between the pharmacist and the physician.~~
- (10) ~~"Vaccination" means the act of administering any antigen in order to induce immunity; is not synonymous with immunization since vaccination does not imply success.~~
- (11) ~~"Vaccine" means a specially prepared antigen, which upon administration to a person may result in immunity.~~

(5) RESERVED

(6) RESERVED

(7) RESERVED

(8) RESERVED

(9) RESERVED

(10) RESERVED

(11) RESERVED

(12) "Written Protocol" ~~is a document means a physician's written order, standing medical order, or other order or protocol. A written protocol must be prepared, signed and dated by the physician~~ Physician and Immunizing Pharmacist that shall pharmacist and contain the following:

(A) the name of the Physician individual physician authorized to prescribe drugs and responsible for authorizing the Written Protocol; written protocol;

(B) the name of the Immunizing Pharmacist individual pharmacist authorized to administer vaccines;

(C) the immunizations or vaccinations that may be administered by the Immunizing Pharmacist; pharmacist;

(D) the screening questionnaires and safety procedures that shall at least include the then-current minimum standard screening questionnaire and safety procedures adopted by the Medical Board, the Board of Nursing and the Board of Pharmacy pursuant to S.L. 2013-246, s. 6.

~~(D)~~(E) the procedures to follow, including any drugs required by the Immunizing Pharmacist pharmacist for treatment of the patient, in the event of an emergency or severe adverse reaction following vaccine administration;

~~(E)~~(F) the reporting requirements by the Immunizing Pharmacist pharmacist to the Physician, physician issuing the written protocol, including content and time frame; and

~~(F)~~(G) the locations at which the Immunizing Pharmacist pharmacist may administer immunizations or vaccinations. vaccinations; and

(G) ~~the requirement for annual review of the protocols by the physician and pharmacist.~~

The Physician and the Immunizing Pharmacist must review the Written Protocol at least annually and revise it if necessary.

~~(c) Policies and Procedures.~~

~~(1) Pharmacists must follow a written protocol as specified in Subparagraph (b)(12) of this Rule for administration of influenza, pneumococcal and zoster vaccines and the treatment of severe adverse events following administration.~~

~~(2) The pharmacist administering vaccines must maintain written policies and procedures for handling and disposal of used or contaminated equipment and supplies.~~

~~(3) The pharmacist or pharmacist's agent must give the appropriate, most current vaccine information regarding the purpose, risks, benefits, and contraindications of the vaccine to the patient or legal representative with each dose of vaccine. The pharmacist must ensure that the patient or legal~~

representative is available and has read, or has had read to him or her, the information provided and has had his or her questions answered prior to administering the vaccine.

- (4) ~~The pharmacist must report adverse events to the primary care provider as identified by the patient.~~
- (5) ~~The pharmacist shall not administer vaccines to patients under 18 years of age.~~
- (6) ~~The pharmacist shall not administer the pneumococcal or zoster vaccines to a patient unless the pharmacist first consults with the patient's primary care provider. The pharmacist shall document in the patient's profile the primary care provider's order to administer the pneumococcal or zoster vaccines. If the patient does not have a primary care provider, the pharmacist shall not administer the pneumococcal or zoster vaccines to the patient.~~
- (7) ~~The pharmacist shall report all vaccines administered to the patient's primary care provider and report all vaccines administered to all entities as required by law, including any State registries which may be implemented in the future.~~

~~(d) Pharmacist requirements. Pharmacists who enter into a written protocol with a physician to administer vaccines shall:~~

- (1) ~~hold a current provider level cardiopulmonary resuscitation (CPR) certification issued by the American Heart Association or the American Red Cross or an equivalent certification organization;~~
- (2) ~~successfully complete a certificate program in the administration of vaccines accredited by the Centers for Disease Control, the ACPE or a health authority or professional body approved by the Board as having a certificate program similar to the programs accredited by either the Centers for Disease Control or the ACPE;~~
- (3) ~~maintain documentation of:~~
  - (A) ~~completion of the initial course specified in Subparagraph (2) of this Paragraph;~~
  - (B) ~~three hours of continuing education every two years beginning January 1, 2006, which are designed to maintain competency in the disease states, drugs, and administration of vaccines;~~
  - (C) ~~current certification specified in Subparagraph (1) of this Paragraph;~~
  - (D) ~~original written physician protocol;~~
  - (E) ~~annual review and revision of original written protocol with physician;~~
  - (F) ~~any problems or complications reported; and~~
  - (G) ~~items specified in Paragraph (g) of this Rule.~~

~~(c) A pharmacist~~ An Immunizing Pharmacist who, because of physical disability, is unable to obtain a current provider level CPR certification may administer vaccines in the presence of a pharmacy technician or pharmacist who holds a current provider level CPR certification.

(d) With each dose of vaccine, either the Immunizing Pharmacist or a pharmacy intern must give the appropriate, most current vaccine information regarding the purpose, risks, benefits, and contraindications of the vaccine to the patient or legal representative. The Immunizing Pharmacist or pharmacy intern must ensure that the patient or legal representative has the

opportunity to read, or to have read to him or her, the information provided and to have any questions answered prior to administration of the vaccine.

(e) ~~Supervising Physician responsibilities. Pharmacists who administer vaccines shall enter into a written protocol with a supervising physician who agrees~~ The Physician must agree to meet the following requirements:

- (1) be responsible for the formulation or approval and periodic review of the Written Protocol ~~physician's order, standing medical order, standing delegation order, or other order or written protocol~~ and periodically review the Written Protocol ~~order or protocol~~ and the services provided to patients ~~a patient~~ under the Written Protocol; ~~order or protocol~~;
- (2) be accessible to the Immunizing Pharmacist ~~pharmacist administering the vaccines~~ or be available through direct telecommunication for consultation, assistance, direction, and provide back-up coverage; and
- (3) ~~review written protocol with pharmacist at least annually and revise if necessary; and~~
- (4) receive a periodic status reports from the Immunizing Pharmacist, ~~report on the patient~~, including any problems ~~problem~~ or complications ~~complication~~ encountered.

(f) Drugs. The following requirements pertain to drugs administered by an Immunizing Pharmacist; ~~a pharmacist~~:

- (1) Drugs administered by an Immunizing Pharmacist ~~a pharmacist~~ under the provisions of this Rule shall be in the legal possession of:
  - (A) a pharmacy, which shall be the pharmacy responsible for drug accountability, including the maintenance of records of administration of the immunization or vaccination; or
  - (B) a physician, who shall be responsible for drug accountability, including the maintenance of records of administration of the immunization or vaccination;
- (2) Drugs shall be transported and stored at the proper temperatures indicated for each drug;
- (3) ~~Pharmacists, Immunizing Pharmacists,~~ Immunizing Pharmacists, while engaged in the administration of vaccines under the Written Protocol, ~~written protocol~~, shall have in their custody and control the vaccines identified in the Written Protocol ~~written protocol~~ and any other drugs listed in the Written Protocol ~~written protocol~~ to treat adverse reactions; and
- (4) After administering vaccines at a location other than a pharmacy, the Immunizing Pharmacist ~~pharmacist~~ shall return all unused prescription medications to the pharmacy or physician responsible for the drugs.

(g) Record Keeping and Reporting.

- (1) ~~A pharmacist who administers any vaccine~~ An Immunizing Pharmacist shall maintain the following information, readily retrievable, in the pharmacy records regarding each administration:
  - (A) The name, address, and date of birth of the patient;
  - (B) The date of the administration;
  - (C) The administration site of injection (e.g., right arm, left leg, right upper arm);
  - (D) Route of administration of the vaccine;
  - (E) The name, manufacturer, lot number, and expiration date of the vaccine;
  - (F) Dose administered;
  - (G) The name and address of the patient's primary health care provider, as identified by the patient; and

- (H) ~~The name or identifiable initials of the Immunizing Pharmacist, administering pharmacist.~~
- (2) ~~A pharmacist who administers vaccines~~ An Immunizing Pharmacist shall document the annual review with the Physician physician of the Written Protocol as required in this Rule. ~~written protocol in the records of the pharmacy that is in possession of the vaccines administered.~~
- (3) An Immunizing Pharmacist must report adverse events associated with administration of a vaccine to either the prescriber, when administering a vaccine pursuant to G.S. 90-85.15B(a), or the patient's primary care provider, if the patient identifies one, when administering a vaccine pursuant to G.S. 90-85.15B(b).

(h) The Immunizing Pharmacist must maintain written policies and procedures for handling and disposal of used or contaminated equipment and supplies.

~~(h) Confidentiality.~~

- (1) ~~The pharmacist shall comply with the privacy provisions of the federal Health Insurance Portability and Accountability Act of 1996 and any rules adopted pursuant to this act.~~
- (2) ~~The pharmacist shall comply with any other confidentiality provisions of federal or state laws.~~

*History Note: Authority G.S. 90-85.3(r); 90-85.15B;  
Emergency Adoption Eff. September 10, 2004;  
Temporary Adoption Eff. December 29, 2004;  
Eff. November 1, 2005;  
Amended Eff. February 1, 2008;  
Emergency Amendment Eff. October 9, 2009;  
Temporary Amendment Eff. December 29, 2009;  
Temporary Amendment Expired on October 12, 2010.  
Amended Eff. September 1, 2014; March 1, 2012.*