#### Optimizing Evaluation of Clinical Documentation Assignments in Acute and Primary Care Nurse Practitioner Programs

Christopher W. Blackwell, Ph.D., APRN, ANP-BC, AGACNP-BC, CNE, FAANP, FAAN



Associate Professor & Program Director\*

Francisco Guido-Sanz, Ph.D., APRN, ANP-BC, AGACNP-BC

Assistant Professor\*

Dawn Eckhoff, Ph.D., APRN, CPNP-PC

Assistant Professor\*\*

Leslee A. D'Amato-Kubiet, Ph.D., APRN

Associate Lecturer & Site Coordinator, UCF Daytona Beach Nursing Program\*\*

\*Adult-Gerontology Acute Care Nurse Practitioner Programs

\*\* Family Nurse Practitioner and Adult-Gerontology Primary Care Nurse Practitioner Programs

Department of Nursing Practice

College of Nursing

University of Central Florida

Orlando, Florida





#### Disclosures

• Drs. Blackwell, Guido-Sanz, Eckhoff, and D'Amato-Kubiet have no conflicts of interests or financial relationships to disclose.



#### Introduction

- Competence in clinical documentation is a *MUST* 
  - Essential for all NP clinical practice settings
  - Component of the standards of NP education:
    - NONPF Core Competencies (2017):
      - Technology and Information Literacy Competencies:
        - Use of electronic communication methods, including social media, with healthcare professionals, patients, families, and caregivers



#### Introduction

- Competence in clinical documentation is a *MUST* 
  - Component of the standards of NP education:
    - Common Advanced Practice Registered Nurse Doctoral-Level Competencies (2017):
      - Domain 4: Interpersonal and Communication Skills
        - Demonstrates interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, the public, and health professionals; and promote therapeutic relationships with patients across a broad range of cultural and socioeconomic backgrounds



- Family/Across the Lifespan (NONPF, 2013):
  - Independent Practice Competencies:
    - Performs and **accurately documents** appropriate comprehensive or symptom-focused physical examinations on patients of all ages (including developmental and behavioral screening, physical exam and mental health evaluations).



- Adult-Gerontology Primary Care (NONPF & AACN, 2016):
  - Technology & Information Literacy:
    - Templates for documentation in nursing care
    - Electronic communication with other professionals and patients
    - Applies advanced communication skills and processes to collaborate with caregivers and professionals to optimize health care outcomes for adults with acute, critical or complex chronic illness.



- Adult-Gerontology Acute Care (NONPF & AACN, 2016):
  - Health Delivery Systems:
    - Applies advanced communication skills and processes to collaborate with caregivers and professionals to optimize health care outcomes for adults with acute, critical or complex chronic illness.



- Take Away Points:
  - Building competency in clinical documentation is *essential*
  - All the major NONPF and AACN guidelines regarding NP competency mastery includes language related to documentation as a competency
  - Access to learning electronic medical record (EMR) systems to complete documentation is vital



- Two AGACNP Programs at UCF:
  - BSN-DNP
  - Professional Graduate Certificate (for board-certified and state-licensed APRNs)
- 1 Critical Care Skills Course with Documentation:
  - NGR 6230L: Diagnostics and Skills for the Critically Ill
- 3 Major Clinical Immersion Courses w/ Documentation:
  - NGR 6211L: AGACNP II Clinical
  - NGR 6212L: AGACNP III Clinical
  - NGR 6215L: AGACNP Practicum



- NGR 6230L: Diagnostics and Skills for the Critically III:
  - Introduces graduate nursing students to the skills and procedures used in the management of critically ill patients.
  - Taken concurrently (corequisite) with NGR 6210: AGACNP I.
  - This course provides the psychomotor skills necessary to provide advanced practice nursing care to critically ill adults in acute care settings.



- NGR 6230L: Diagnostics and Skills for the Critically III:
  - Focus is on the provision of safe and effective advanced practice nursing care to diverse adult-gerontology patient populations.
  - Laboratory focuses on completion of 120 hours in the Simulation Lab.
  - One 10-hour simulation day (i.e., Advanced Practice Nursing Skills Integration Challenge), focusing on Diagnostic & Psychomotor Skills.



- I. Basic Wound Management:
  - 1. Assessment, suturing, and general management

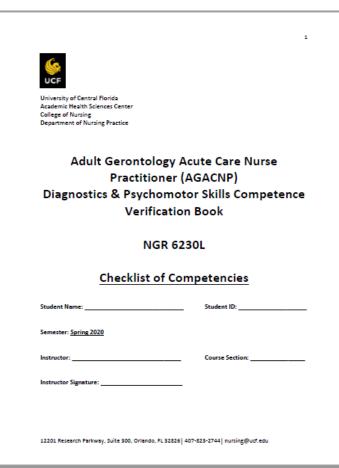
#### II. Airway Management:

- 1. Basic principles of airway management
- 2. Emergent airway management
- 3. Indications for endotracheal intubation
- 4. Insertion and management of endotracheal tubes
- 5. Complications associated with intubation
- 6. Bronchoscopy-diagnostic
- III. Non-Invasive and Invasive Mechanical Ventilation:
  - 1. Modes of mechanical ventilation
  - 2. Ventilation settings and clinical application
  - 3. Adjusting ventilator settings and interpreting monitor data
  - 4. Identification of issues related to patient safety
- IV. Management of Pleural Effusion, Pneumothorax, and Hemothorax:
  - 1. Principles of emergent thoracentesis
  - 2. Insertion and management of chest thoracostomy tubes and chest evacuation systems
  - 3. Identification of issues related to patient safety
- V. Hemodynamic Monitoring:
  - 1. Technologies used in monitoring hemodynamic status
  - 2. Insertion and management of arterial lines and pulmonary artery catheters in hemodynamic monitoring
  - 3. Insertion of central venous catheters and other invasive vascular lines
  - 4. Identification of issues related to patient safety
- VI. Bone Marrow Biopsy:
  - 1. Assessment and selection of bone marrow biopsy sites
  - 2. Indications and contraindications of bone marrow biopsy
  - 3. Insertion of bone marrow biopsy needles and obtaining core samples
  - 4. Identification of issues related to patient safety
- VII. Emergent Lumbar Puncture (LP):
  - 1. Assessment of surface anatomy and landmarks in LP
  - 2. Indications for lumbar puncture
  - 3. Contraindications for lumbar puncture
  - 4. Performing LP to obtain cerebrospinal fluid
  - 5. Identification of issues related to patient safety

- NGR 6230L: Diagnostics and Skills for the Critically Ill:
  - Units of Instruction



- NGR 6230L: Diagnostics and Skills for the Critically Ill:
  - Competence Verification Book
    - Documents all procedures done in and provides supporting evidence on the level of proficiency/competency of the student in performing those procedures.





- NGR 6230L: Diagnostics and Skills for the Critically Ill:
  - Course Objectives
    - Integrate specific advanced practice nursing skills in the treatment of complex illnesses in the critically ill



- NGR 6230L: Diagnostics and Skills for the Critically Ill:
  - Course Objectives
    - Demonstrate safe techniques in the following skills: a. Basic wound management

      - b. Airway managementc. Bronchoscopy

      - d. Endotracheal intubation and ventilation
      - e. Thoracentesis and insertion of thoracostomy tubes
      - f. Insertion and ongoing assessment of central venous catheters
      - g. Insertion and ongoing assessment of arterial catheters
        h. Insertion and ongoing assessment of PICC lines
        i. Paracentesis and insertion of paracentesis catheters
        j. Bone marrow biopsy

      - k. Lumbar puncture



- NGR 6230L: Diagnostics and Skills for the Critically Ill:
  - Course Objectives
    - Demonstrate safe techniques using ultrasonography in the following skills:
      - a. Insertion of central venous catheters
      - b. Insertion of arterial catheters
      - c. Insertion of PICC lines
      - d. Evaluating pneumothorax and pleural effusions
      - e. Evaluating IVC
      - f. FAST exam
      - g. Performing lumbar puncture
      - h. Evaluating right heart strain
      - i. POC ECHO
      - j. Paracentesis



- NGR 6230L: Diagnostics and Skills for the Critically III:
  - Documentation competency in this course is demonstrated by providing a "Procedure Note" at the conclusion of the performed skill.
  - Documentation is evaluated individually and in group documentation during simulation-based experiences.
  - Documentation competency facilitate learners to become familiar with required procedure's note-writing terminology and modalities.



- NGR 6230L: Diagnostics and Skills for the Critically Ill:
  - Procedure Notes are required for:
    - Central Line (CVC) Access
    - Arterial Line
    - Endotracheal Intubation
    - Lumbar Puncture
    - Thoracentesis
    - Thoracostomy
    - Paracentesis
    - Bronchoscopy



- NGR 6230L: Diagnostics and Skills for the Critically Ill:
  - Procedure Note Exemplar



If applicable, perfusion to the extremity distal to the point of catheter insertion was checked and found to be adequate.

Attending/Fellow/Resident <vas'not> present for the entire procedure. Estimated Blood Loss: The patient tolerated the procedure well and there were no complications.



- NGR 6211L: AGACNP II Clinical:
  - Clinical care of the stable and unstable adult-gerontology patient with complex cardiovascular, pulmonary, hematological, renal, and commonly occurring health care problems.
  - Clinical focuses on completion of 180 hours in the hospitalist role.
  - One 10-hour simulation day, focusing on interdisciplinary management of athletic-related orthopedic injuries (half day) and CAP (half day)



- NGR 6211L: AGACNP II Clinical:
  - Required Documentation Assignments:
    - Simulation Day: Documentation of an ED consultation on a patient meeting inpatient (IP) admission for CAP and one meeting outpatient (OP) discharge
      - Students are separated into IP and OP CAP groups
      - Simulation exercise completed
      - Both groups rejoin to discuss their cases and practice documenting the encounters together— This discussion is FACULTY lead
      - Evaluation is essentially participatory for this event



- NGR 6211L: AGACNP II Clinical:
  - Required Documentation Assignments:
    - Clinical Documentation:
      - All students are trained and cleared to work on hospital EMRs (NOT counted towards clinical hours), which ensures access to EMR and documentation during clinicals
      - Must complete both a focused-based and comprehensive plan of care
        - Worth 30% of course grade (A-F)



- NGR 6211L: AGACNP II Clinical:
  - Required Documentation Assignments:
    - Clinical Documentation:
      - Required Components for Comprehensive Plan of Care:
        - CC
        - HxPI
        - PMHx
        - PSurgHx
        - Allergies
        - Fam Hx
        - Soc Hx
        - ROS: General, integument, HEENT, CV, Pulm, GI, GU, Endo, Lymph, Heme/Onc, Neuro, Psych
        - Lab Data Review
        - Rad Data Review
        - Current Rx
        - Physical Examination: Integument, HEENT, CV, Pulm, GI, GU, Endo, Lymph, Heme/Onc, Neuro, Psych
        - Assessment (Dx)
        - Plan: Integument, HEENT, CV, Pulm, GI, GU, Endo, Lymph, Heme/Onc, Neuro, Psych



- NGR 6211L: AGACNP II Clinical:
  - Required Documentation Assignments:
    - Clinical Documentation:
      - Required Components for Focused Plan of Care:
        - CC
        - HxPI
        - PMHx
        - PSurgHx
        - Allergies
        - Fam Hx
        - Soc Hx
        - Pertinent ROS: Varies based on patient condition/ presentation
        - Lab Data Review
        - Rad Data Review
        - Current Rx
        - Focused Physical Examination: Varies based on patient condition/ presentation
        - Assessment (Dx)
        - Plan: For each Dx



- NGR 6212L: AGACNP III Clinical:
  - Complex clinical care of the stable and unstable adultgerontology patient with common and complex occurring health care problems in acutely and critically ill young, middle and older adults.
  - Clinical focuses on completion of 180 hours in the intensivist role.
  - One 10-hour simulation day, focusing on AMI ED and ICU management.



- NGR 6211L: AGACNP II Clinical:
  - Required Documentation Assignments:
    - Simulation Day: Documentation of an ED consultation on an AMI admission requiring ICU management.
      - Students are separated into groups with various management roles
      - Simulation exercise completed
      - Both groups rejoin to discuss their plans of care and practice documenting the encounters together—This discussion is FACULTY lead
      - Evaluation is essentially participatory for this event



- NGR 6212L: AGACNP III Clinical:
  - Required Documentation Assignments:
    - Clinical Documentation:
      - All students are trained and cleared to work on hospital EMRs (NOT counted towards clinical hours), which ensures access to EMR and documentation during clinicals
      - Must complete both a focused-based and comprehensive plan of care
        - Worth 30% of course grade (A-F)



#### • NGR 6212L: AGACNP III Clinical:

#### • Required Documentation Assignments:

- Clinical Documentation:
  - Required Components for Comprehensive Plan of Care:
    - CC
    - HxPI
    - PMHx
    - PSurgHx
    - Allergies
    - Fam Hx
    - Soc Hx
    - ROS: General, integument, HEENT, CV, Pulm, GI, GU, Endo, Lymph, Heme/Onc, Neuro, Psych
    - Lab Data Review
    - Rad Data Review
    - Current Rx
    - Physical Examination: Integument, HEENT, CV, Pulm, GI, GU, Endo, Lymph, Heme/Onc, Neuro, Psych
    - Assessment (Dx)
    - Plan: Integument, HEENT, CV, Pulm, GI, GU, Endo, Lymph, Heme/Onc, Neuro, Psych



- NGR 6212L: AGACNP III Clinical:
  - Required Documentation Assignments:
    - Clinical Documentation:
      - Required Components for Focused Plan of Care:
        - CC
        - HxPI
        - PMHx
        - PSurgHx
        - Allergies
        - Fam Hx
        - Soc Hx
        - Pertinent ROS: Varies based on patient condition/ presentation
        - Lab Data Review
        - Rad Data Review
        - Current Rx
        - Focused Physical Examination: Varies based on patient condition/ presentation
        - Assessment (Dx)
        - Plan: For each Dx



- NGR 6212L: AGACNP III Clinical:
  - Complex clinical care of the stable and unstable adultgerontology patient with common and complex occurring health care problems in acutely and critically ill young, middle and older adults.
  - Clinical focuses on completion of 180 hours in the intensivist role.
  - One 10-hour simulation day, focusing on AMI ED and ICU management.



- NGR 6215L: AGACNP Practicum Clinical:
  - Required Documentation Assignments:
    - Simulation Day: Documentation of a septic ED consultation with mega code event requiring requiring ICU management.
      - Students are separated into groups with various management roles
      - Simulation exercise completed
      - Both groups rejoin to discuss their plans of care and practice documenting the encounters together—This discussion is FACULTY lead
      - Evaluation is essentially participatory for this event



- NGR 6215L: AGACNP Practicum Clinical:
  - Required Documentation Assignments:
    - Clinical Documentation:
      - All students are trained and cleared to work on hospital EMRs (NOT counted towards clinical hours), which ensures access to EMR and documentation during clinicals
      - Must complete both a focused-based and comprehensive plan of care
      - Comprehensive plan of care requires dictation presentation through a narrated PPT submission
        - Worth 30% of course grade (A-F)



- NGR 6215L: AGACNP Practicum Clinical:
  - Required Documentation Assignments:
    - Clinical Documentation:
      - Required Components for Comprehensive Plan of Care:
        - CC
        - HxPI
        - PMHx
        - PSurgHx
        - Allergies
        - Fam Hx
        - Soc Hx
        - ROS: General, integument, HEENT, CV, Pulm, GI, GU, Endo, Lymph, Heme/Onc, Neuro, Psych
        - Lab Data Review
        - Rad Data Review
        - Current Rx
        - Physical Examination: Integument, HEENT, CV, Pulm, GI, GU, Endo, Lymph, Heme/Onc, Neuro, Psych
        - Assessment (Dx)
        - Plan: Integument, HEENT, CV, Pulm, GI, GU, Endo, Lymph, Heme/Onc, Neuro, Psych



- NGR 6215L: AGACNP Practicum Clinical:
  - Required Documentation Assignments:
    - Clinical Documentation:
      - Required Components for Focused Plan of Care:
        - CC
        - HxPI
        - PMHx
        - PSurgHx
        - Allergies
        - Fam Hx
        - Soc Hx
        - Pertinent ROS: Varies based on patient condition/ presentation
        - Lab Data Review
        - Rad Data Review
        - Current Rx
        - Focused Physical Examination: Varies based on patient condition/ presentation
        - Assessment (Dx)
        - Plan: For each Dx



#### Documentation Competency Exemplar: AGACNP: Evaluation

**Documentation Samples: Evaluation Criteria** 

| Criteria   | Focused<br>Plan<br>Points | Comprehensive<br>Plan Points |
|--|---------------------------|------------------------------|
| Submitted as scheduled.*   | 2.5                       | 2.5                          |
| Documentation is HIPAA compliant.  | 1.25                      | 1.25                         |
| Documentation incorporates pertinent clinical data (as applicable<br>for complete/focused exam) to describe physical assessment<br>findings:   | 5                         | 5                            |
| <ul> <li>-Hx &amp; demographics</li> <li>-Physical exam</li> <li>-Analysis of pertinent data <ul> <li>Formulates problem list</li> <li>Identifies five (5) diagnoses with supportive evidence throughout documentation</li> </ul> </li> <li>Treatment plan <ul> <li>plan addresses problems</li> <li>prioritizes needs</li> <li>acknowledges other problems to be addressed</li> </ul> </li> <li>patient and/or family education</li> <li>recommended diagnostics</li> <li>pharmacotherapies</li> <li>health promotion</li> <li>appropriate referrals</li> <li>patient disposition <ul> <li>rationale for admission or discharge</li> <li>specific follow up needed</li> </ul> </li> </ul> |                           |                              |
| Documentation is pertinent to the clinical scenario <ul> <li>accurate</li> <li>organized</li> <li>concise</li> <li>non-judgmental</li> </ul>   | 1.25                      | 1.25                         |
| Dictation of Care Narrated PPT<br>Total possible points  | N/A<br>10                 | 10<br>20                     |

\*10 Points will be deducted for late submissions per day



Submissions must be scholarly, complete with scholarly-based references and use of APA 7<sup>th</sup> edition formatting

- BSN DNP Family Practice and Adult Gerontology Programs
- 1 Health Assessment Course
  - NGR 5003/5003L: Health Assessment
- 4 -5 Major Clinical Immersion Courses w/ Documentation Requirements:
  - NGR 6240L: Adult 1 Clinical
  - NGR 6342L: Women's Health Clinical
  - NGR 6305L: Pediatric Primary Care Clinical
  - NGR 6202L: Adult 2 Clinical
  - NGR 6248L: Clinical Practicum



- NGR 5003L
  - Simulations Communication, Episodic, Comprehensive
    - SOAP note documentation and report-off to instructor
  - Biweekly System Assessments
    - SOAP note documentation
- NGR 6240L, NGR 6240L, NGR 6342L, NGR 6305L, NGR 6202L, NGR 6248L
  - Simulations (1 for each course)
    - SOAP note documentation and report-off to instructor
  - Course required SOAP note
    - Episodic, Comprehensive, 3<sup>rd</sup> is student choice
  - Documentation of all patients in database



| Criteria   | Ratings   |   |                             |  | Pts   |       |
|--|---|---|-----------------------------|--|---|-------|
| Chief Complaint  | 2 pts<br>Included and Correct   |   | 0 pts<br>Not Included       |  | 2 pts   |       |
| History of Present Illness with<br>OLDCARTS                  | 5 pts<br>Complete for All<br>chief c/o's                                  | M | Alssing Insu                |  | 0 pts<br>Insufficient for<br>chief c/o's      | 5 pts |
| Subjective Assessment: PMH,<br>FMH, SH, Meds, Allergies, ROS | 5 pts<br>Complete for All<br>chief c/o's & HPI                            |   | 3 pts<br>MIssing<br>Element |  | 0 pts<br>Insufficient for<br>chief c/o's      | 5 pts |
| Objective Assessment:Physical<br>Findings, Labs              | 5 pts 3 pts<br>Complete for All chief MIssin<br>c/o's & Subjective Elemen |   |                             | 0 pts<br>Insufficient<br>for chief c/o's | 5 pts   |       |
| Assessment/Diagnosis   | 5 pts<br>Reflective of S &<br>O with ICD Codes                            |   | ots<br>ssing<br>ments       | & (                                      | ots<br>nes not reflect S<br>O with ICD<br>des | 5 pts |

| Included Date of Visit and                   | 2 pts               | 1 pts   | 0 pts             | 2 pts |
|--|---------------------|---------|-------------------|-------|
| Biographical Data                            | Included            | Partial | Not Included      |       |
| Discuss Difficulties Encountered             | 3 pts<br>Full Marks |         | 0 pts<br>No Marks | 3 pts |
| Evidence Based Guideline Used                | 3 pts               |         | 0 pts             | 3 pts |
| To support Management                        | Full Marks          |         | No Marks          |       |
| Late submission deduct 3 points per day late | 0 pts<br>Full Marks |         | 0 pts<br>No Marks | 0 pts |

Total Points: 30



| Program/Program [Format]:                                     | NUPRAC-DNP - DNP-FAMNRS [Primary Care | NP Patient Journal]                         |                           |   |
|---|---------------------------------------|---|---------------------------|---|
| Experience ID: NE   | W ENTRY                               |   | Program/Program [Format]: | NUPRAC-DNP - DNP-FAMNRS [Primary Care NP Patier |
| Experience Status: Dra  | aft                                   |   | Experience ID:            | NEW ENTRY                                       |
| Experience Date: 2,   | /8/2021 31                            |   |                           |   |
|   |                                       |   | Experience Status:        | Draft   |
| Supervisor:   |                                       |   | Experience Date:          | 2/8/2021  |
| General Procedures  | Diagnosis ICD CPT                     |   |                           |   |
| Clinical Sit  | e                                     |   | Supervisor:               |   |
| Precepto  |                                       |   | Supervisor.               |   |
| Ag  |                                       |   | General Procedure         | s Diagnosis ICD CPT                             |
| Gende   |                                       |   | Show Competencies         |   |
| Time With Patient (minutes<br>Consult with Preceptor (minutes |                                       |   |                           |   |
| Rac   |                                       |   |                           | R   |
| Insuranc  |                                       |   | DERMATOLOGY     EENT      |   |
| Type of Decision-Makin  |                                       | Supervisor:                                 |                           |   |
| Student Participatio  | n 🗘                                   |   |                           |   |
|   | Annual/Well-Person Exam               | General <b>Procedures</b> Diagnosis ICD CPT | GENITOURINARY             |   |
|   | Employment Physical                   |   | HEALTH MAINTEN            | ANCE  |
|   | Episodic                              | Show Competencies                           | HEMATOLOGICAL             |   |
|   | ER/ED Visit                           | N/A   | MENTAL HEALTH             |   |
|   |                                       |   |                           | AL  |
|   |                                       | PREVENTIVE SERVICES                         | INEUROLOGICAL             |   |
|   |                                       | OFFICE PROCEDURES                           | NON-DISEASE CA            | USES OF ILLNESS                                 |
|   |                                       | SKIN PROCEDURES                             | <b>RESPIRATORY</b>        |   |
|   |                                       |   |                           |   |
|   |                                       | VACCINES                                    |                           |   |
|   |                                       | IMMUNIZATIONS, INJECTIONS, MEDICATION       |                           |   |
|   |                                       |   |                           |   |
|   |                                       | SOCIAL PROBLEMS ADDRESSED                   |                           |   |
|   |                                       |   |                           |   |

UCF

### Conclusions

- Documentation is an integral component of NP practice and required competency in NP education
- NP students must demonstrate documentation competency in electronic formats
- Documentation skills are not innate
  - Faculty should take initiative to help educate NP students on proper and legally-defensible documentation that illustrates care provision following established standards of care
- Opportunities to demonstrate documentation competency should be varied and reflect the current primary and acute care clinical environments



#### References

• References and suggested resources provided.



#### Optimizing Evaluation of Clinical Documentation Assignments in Acute and Primary Care Nurse Practitioner Programs

Christopher W. Blackwell, Ph.D., APRN, ANP-BC, AGACNP-BC, CNE, FAANP, FAAN



Associate Professor & Program Director\*

Francisco Guido-Sanz, Ph.D., APRN, ANP-BC, AGACNP-BC

Assistant Professor\*

Dawn Eckhoff, Ph.D., APRN, CPNP-PC

Assistant Professor\*\*

Leslee A. D'Amato-Kubiet, Ph.D., APRN

Associate Lecturer & Site Coordinator, UCF Daytona Beach Nursing Program\*\*

\*Adult-Gerontology Acute Care Nurse Practitioner Programs

\*\* Family Nurse Practitioner and Adult-Gerontology Primary Care Nurse Practitioner Programs

Department of Nursing Practice

College of Nursing

University of Central Florida

Orlando, Florida



