

VOLUME 17 ■ DECEMBER 2003

NCSBN Research Brief

Report of Findings from the
**2003 LPN/VN
Practice Analysis**

Linking the NCLEX-PN®
Examination to Practice

June Smith, PhD, RN
Lynda Crawford, PhD, RN, CAE

National Council of State Boards of Nursing, Inc. (NCSBN)



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Table of Contents

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- 2. The nurse is caring for a client who is 1 day postoperative from a total hip replacement. The nurse should monitor for which of the following signs and symptoms of a deep vein thrombosis (DVT)?
a. Pain in the calf
b. Swelling of the calf
c. Redness of the calf
d. Warmth of the calf
- 3. A client is admitted to the hospital with a diagnosis of heart failure. The nurse should monitor for which of the following signs and symptoms of heart failure?
a. Decreased urine output
b. Increased respiratory rate
c. Increased weight
d. Decreased lung sounds
- 4. A client is admitted to the hospital with a diagnosis of heart failure. The nurse should monitor for which of the following signs and symptoms of heart failure?
a. Decreased urine output
b. Increased respiratory rate
c. Increased weight
d. Decreased lung sounds

List of Tables

1. Γ of $1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100$	17
2. $A_{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100}$	17
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6. $\dots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100$	122
68. $\dots 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100$	9



List of Figures

1.	2000, 2003.....	15
2.	2000, 2003.....	16
3.	16
4.	16
5.	20
6.	20
7.	2000, 2003.....	21



Acknowledgments

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2003 LPN/VN
PRACTICE ANALYSIS



Executive Summary

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2003 LPN/VN
PRACTICE ANALYSIS



Report of Findings from the
**2003 LPN/VN
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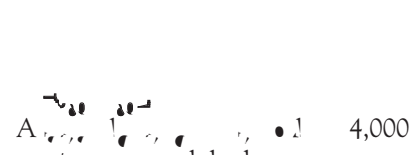


2003 LPN/VN
PRACTICE ANALYSIS



Background of Study

LPNVN Practice Analysis, 2003



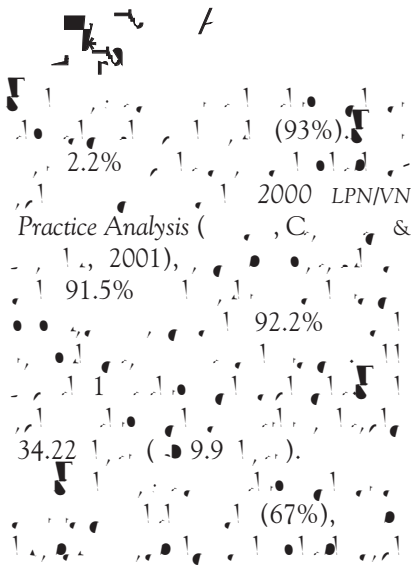


2003 LPN/VN
PRACTICE ANALYSIS

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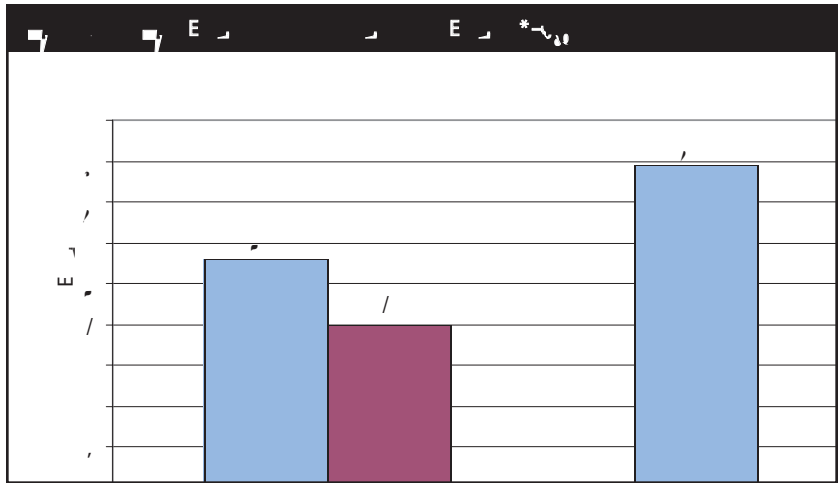
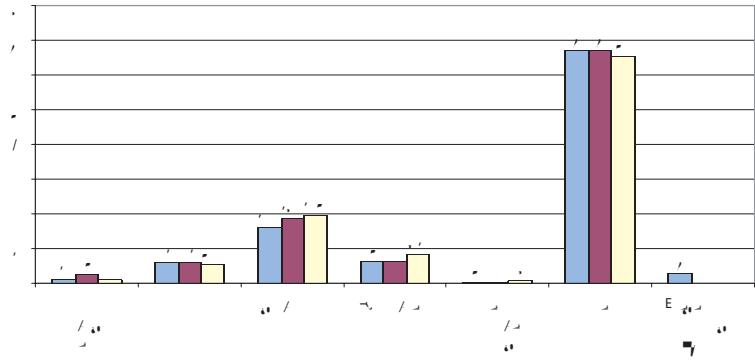
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2003 LPN/VN
PRACTICE ANALYSIS





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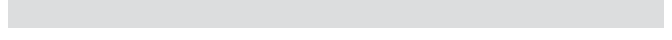
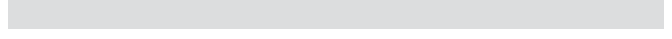
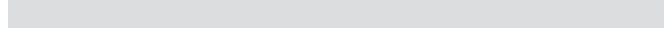
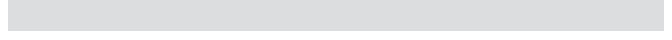
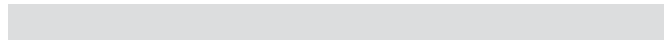
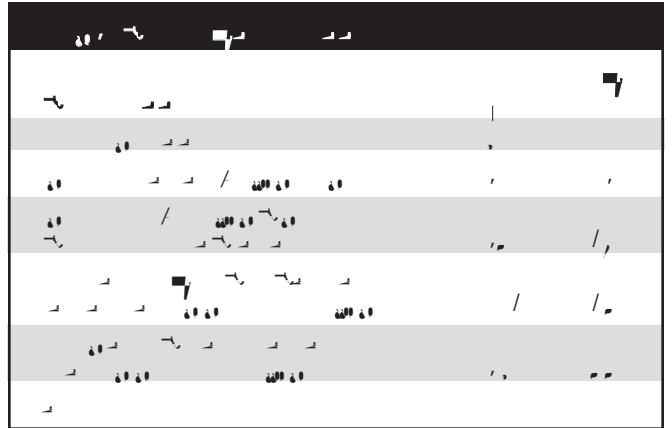
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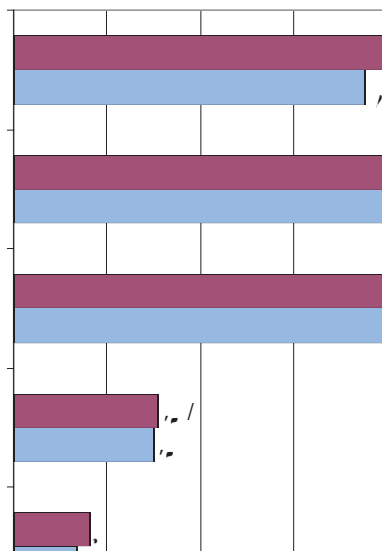
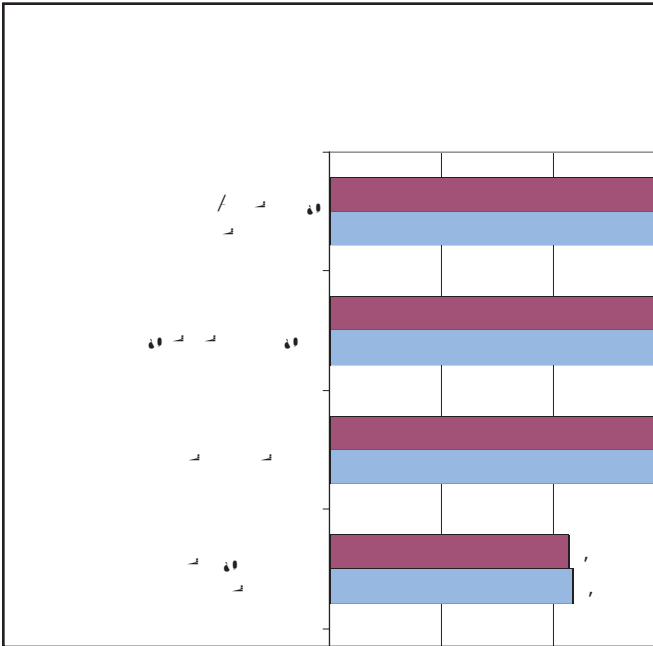
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2003 LPN/VN
PRACTICE ANALYSIS





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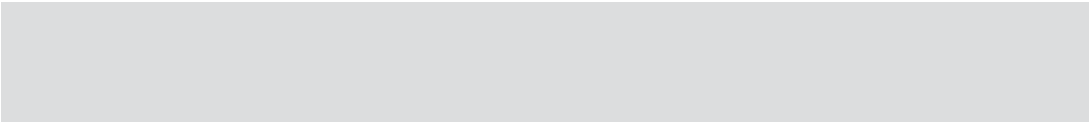
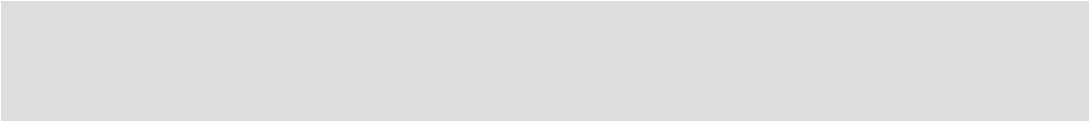
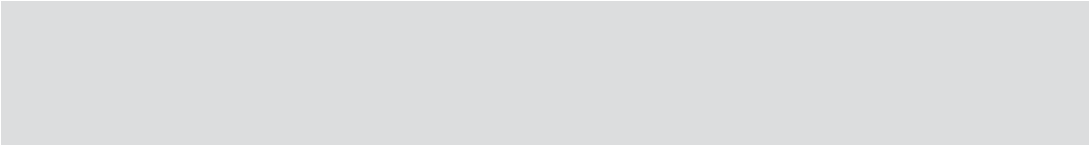
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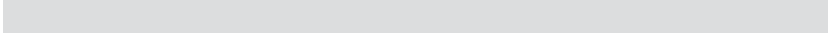
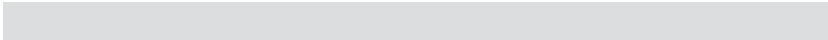
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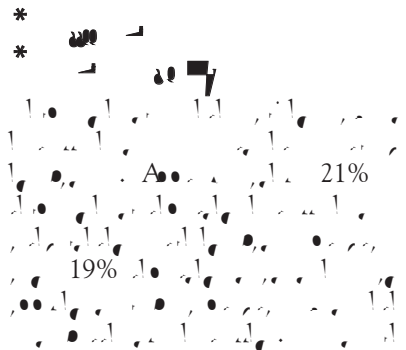
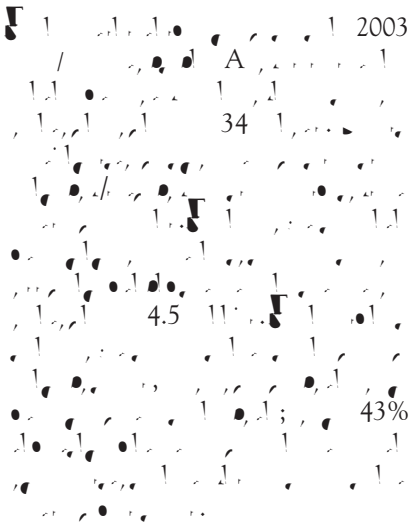
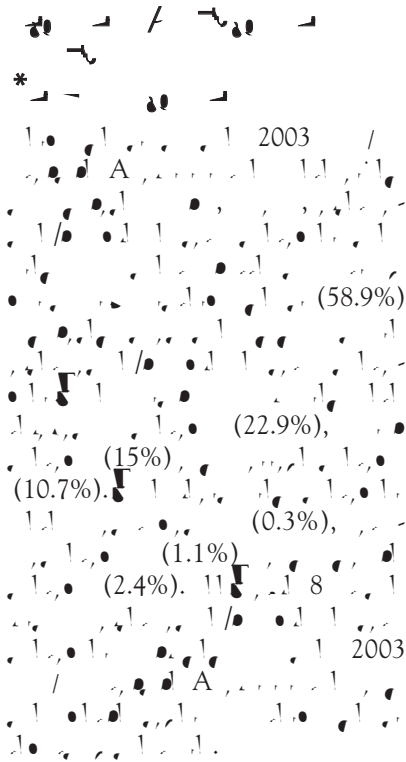
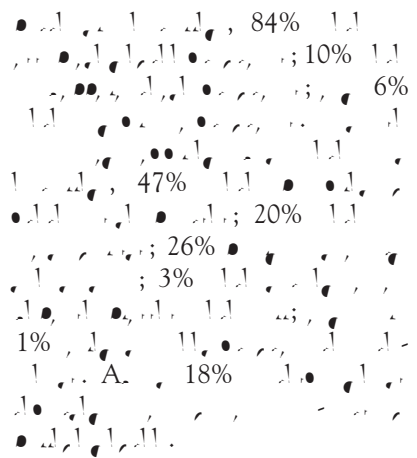
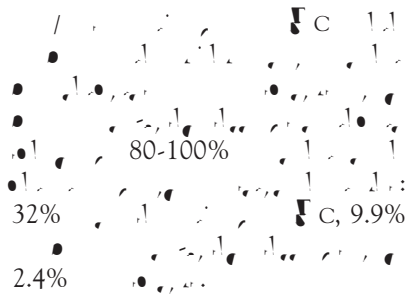
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STUDY PARTICIPANTS









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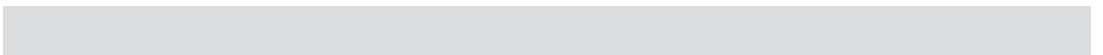
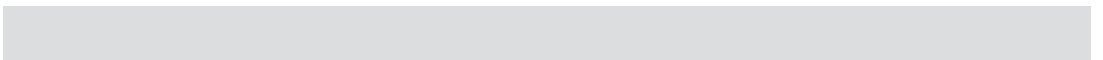
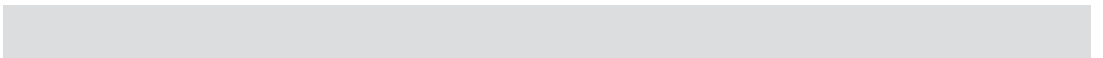
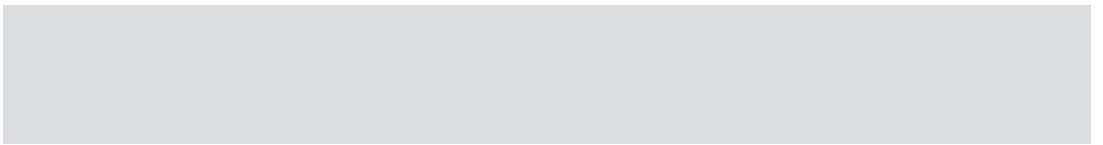
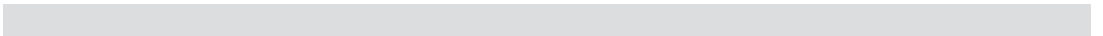
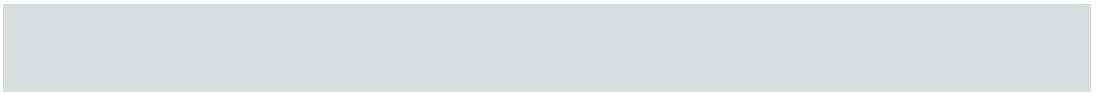
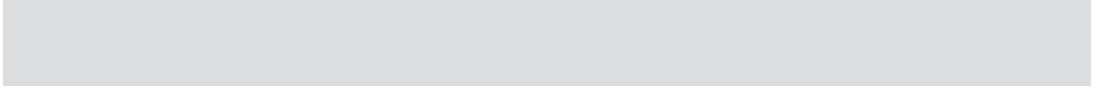
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Handwritten musical notation on a staff with a black header bar. The notation includes various notes, rests, and bar lines. The staff is divided into sections by alternating white and grey horizontal bands. The notation is dense and appears to be a complex piece of music.





2003 LPN/VN
PRACTICE ANALYSIS

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2003 LPN/VN
PRACTICE ANALYSIS

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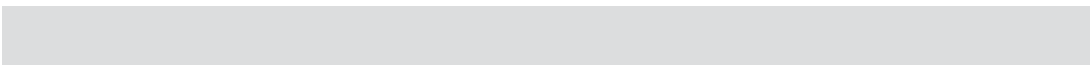
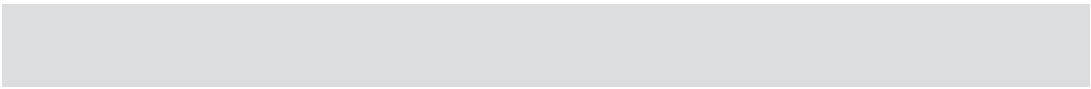
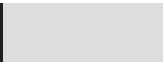
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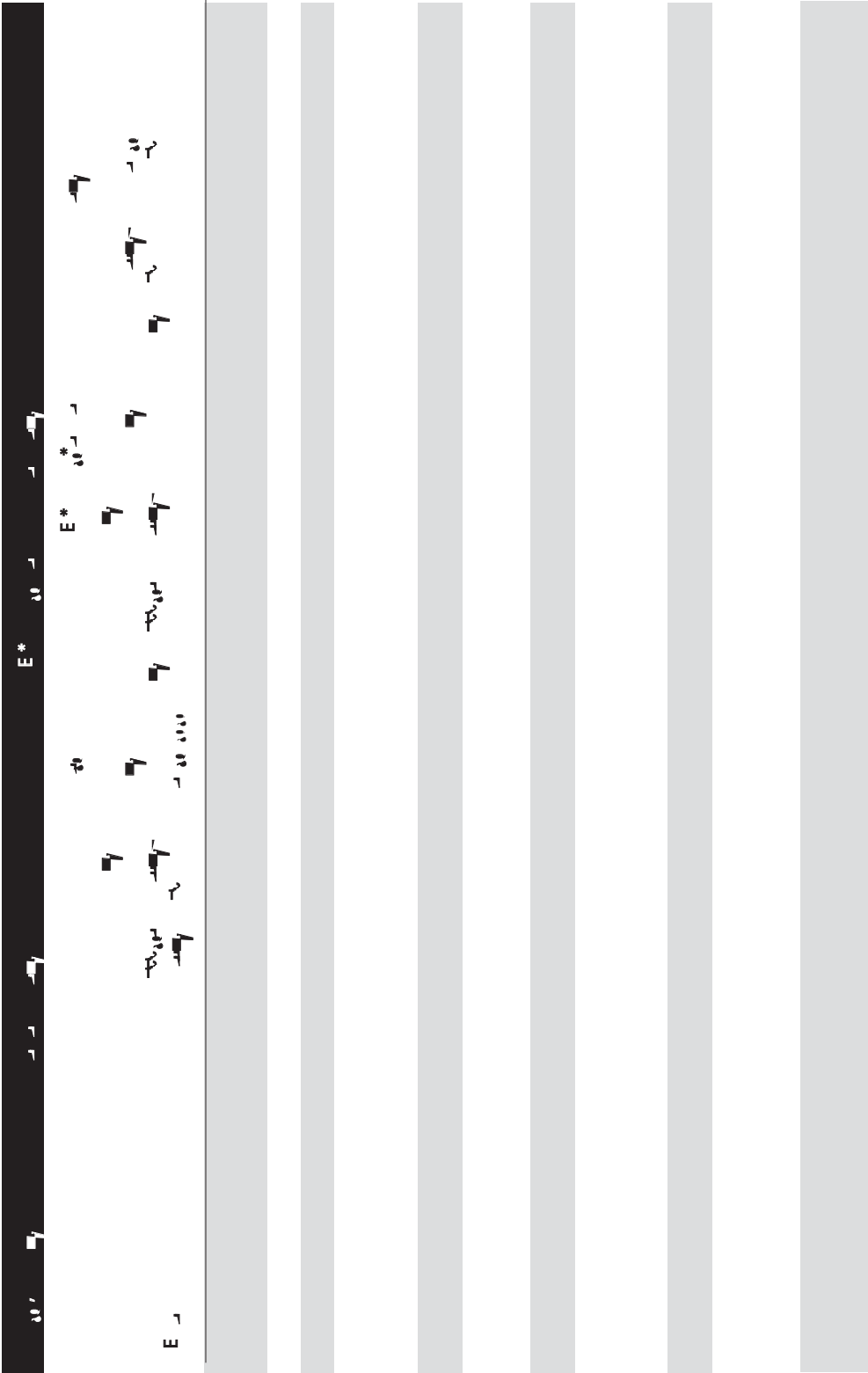
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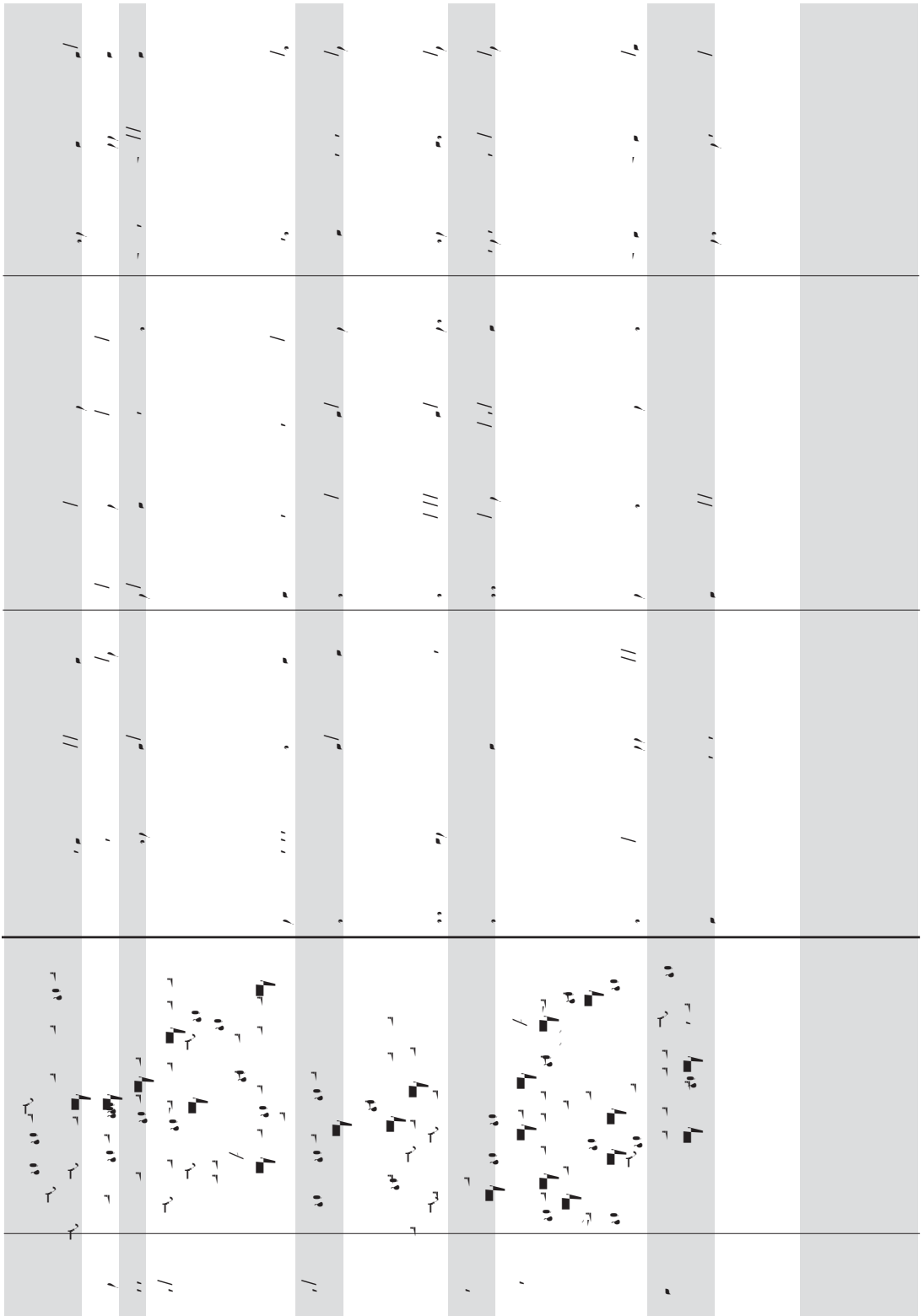
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2003 LPN/VN
PRACTICE ANALYSIS







2003 LPN/VN
PRACTICE ANALYSIS

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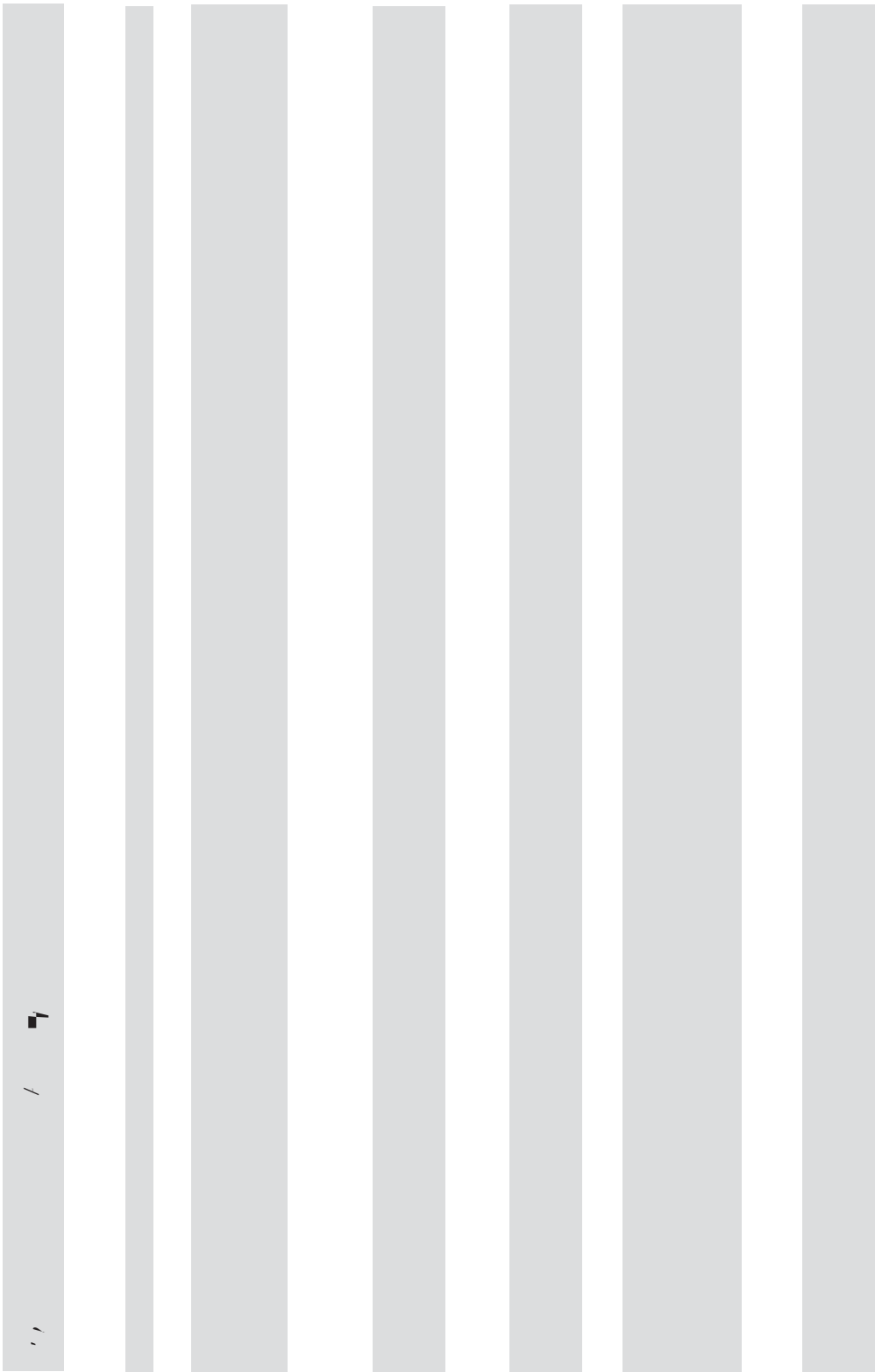
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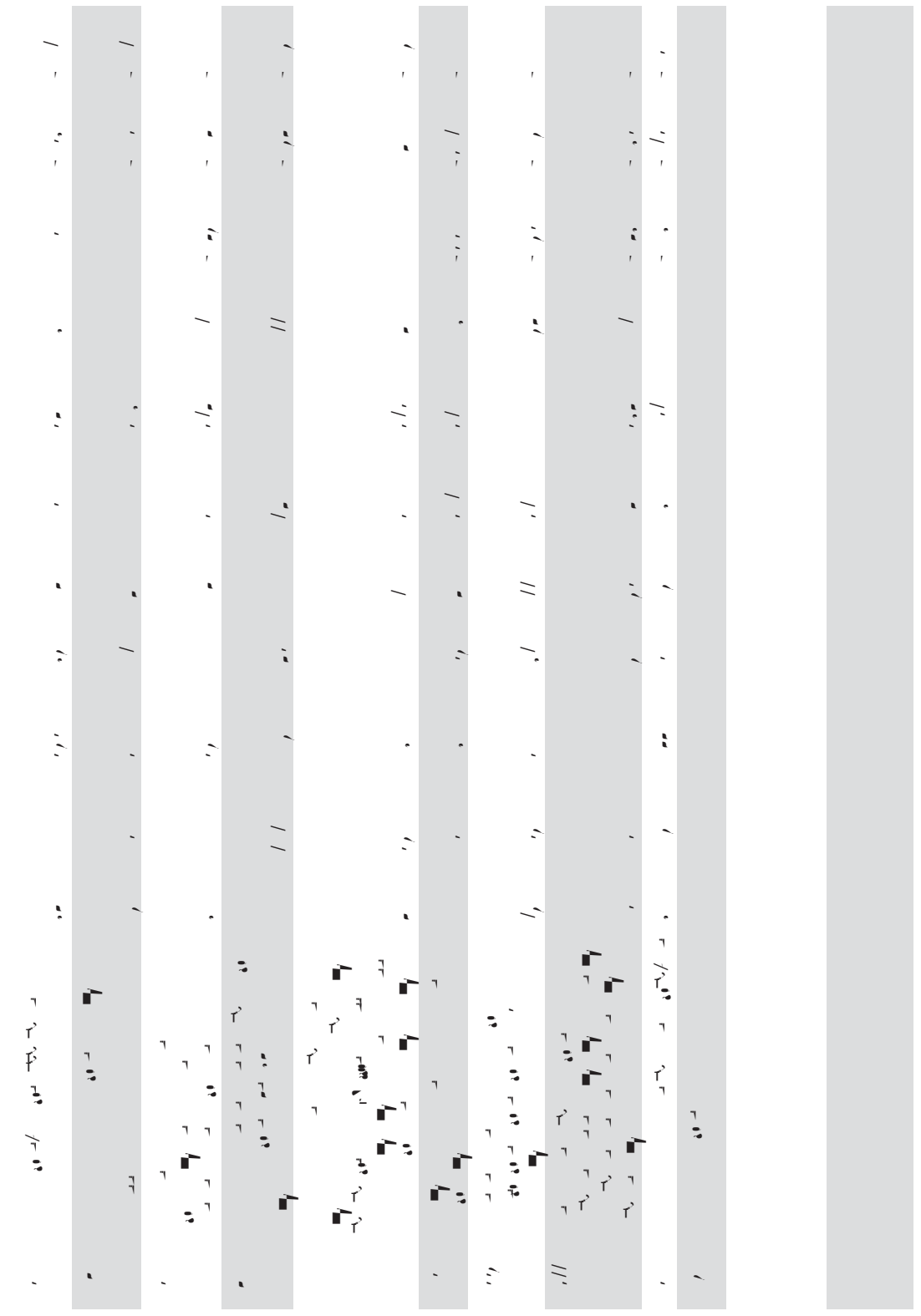
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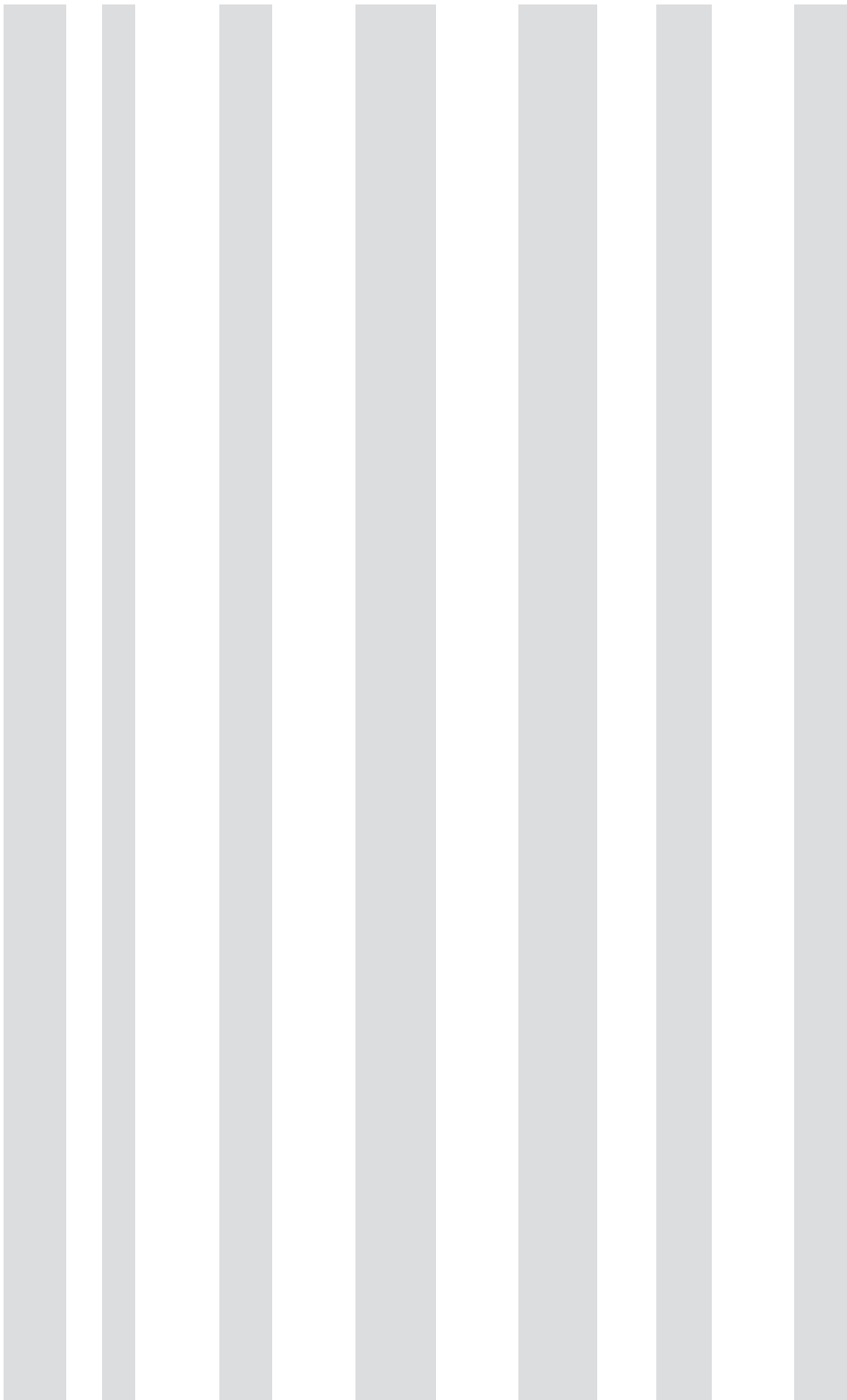
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ACTIVITY PERFORMANCE





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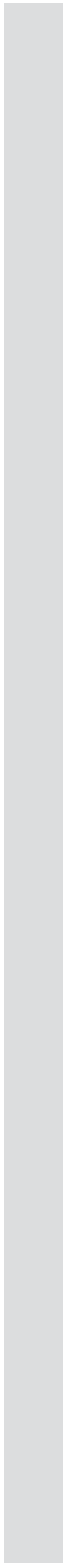
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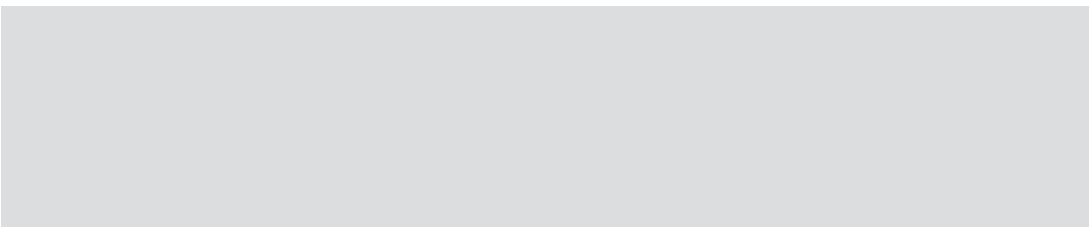
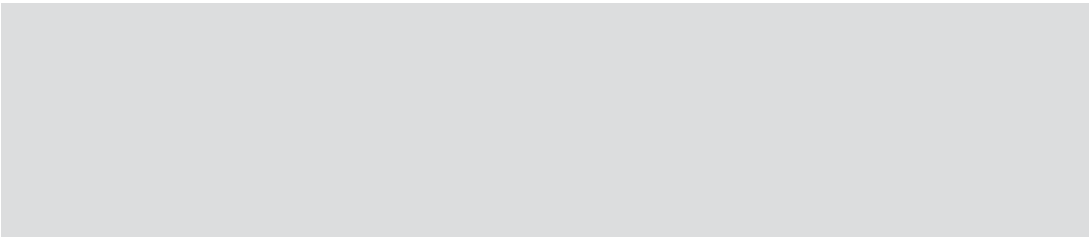
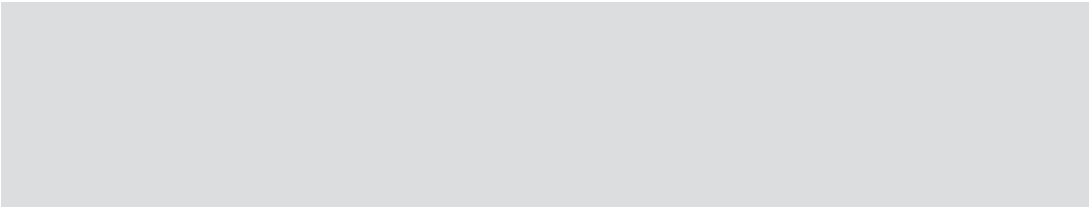
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2003 LPN/VN
PRACTICE ANALYSIS





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2003 LPN/VN Practice Analysis
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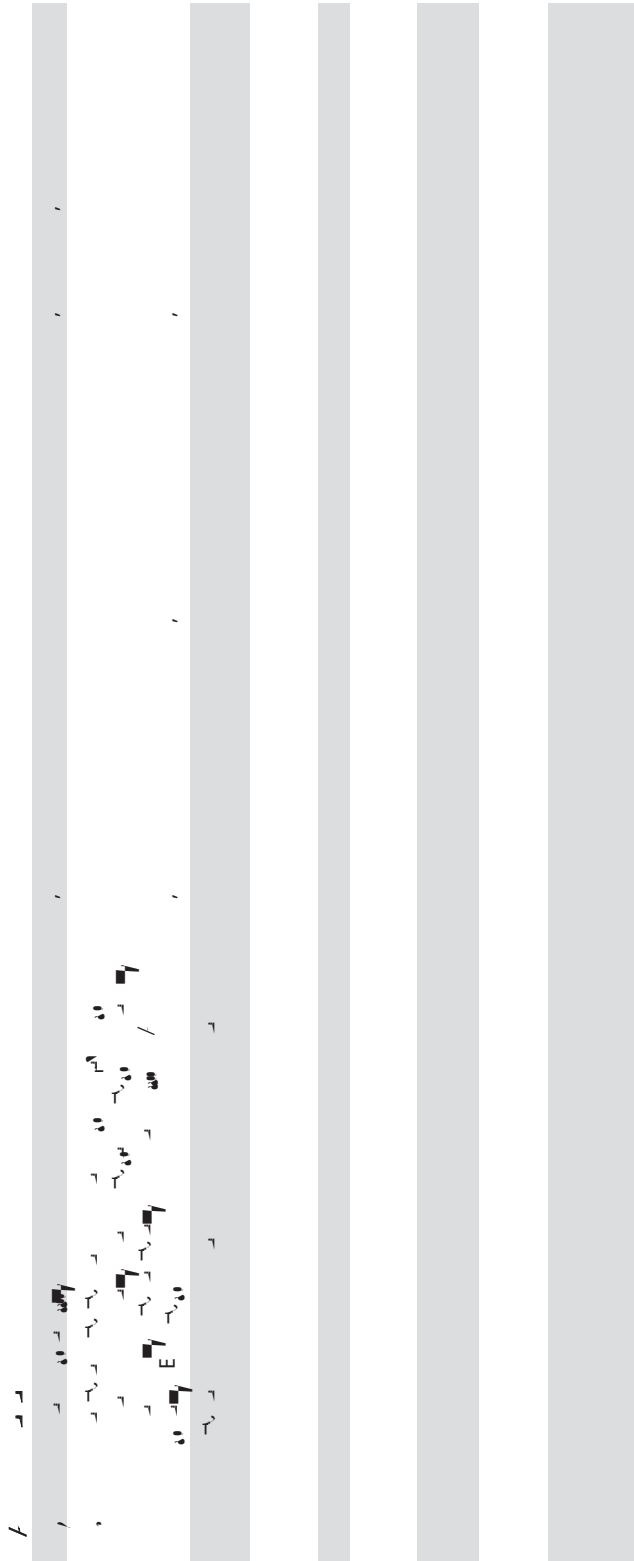
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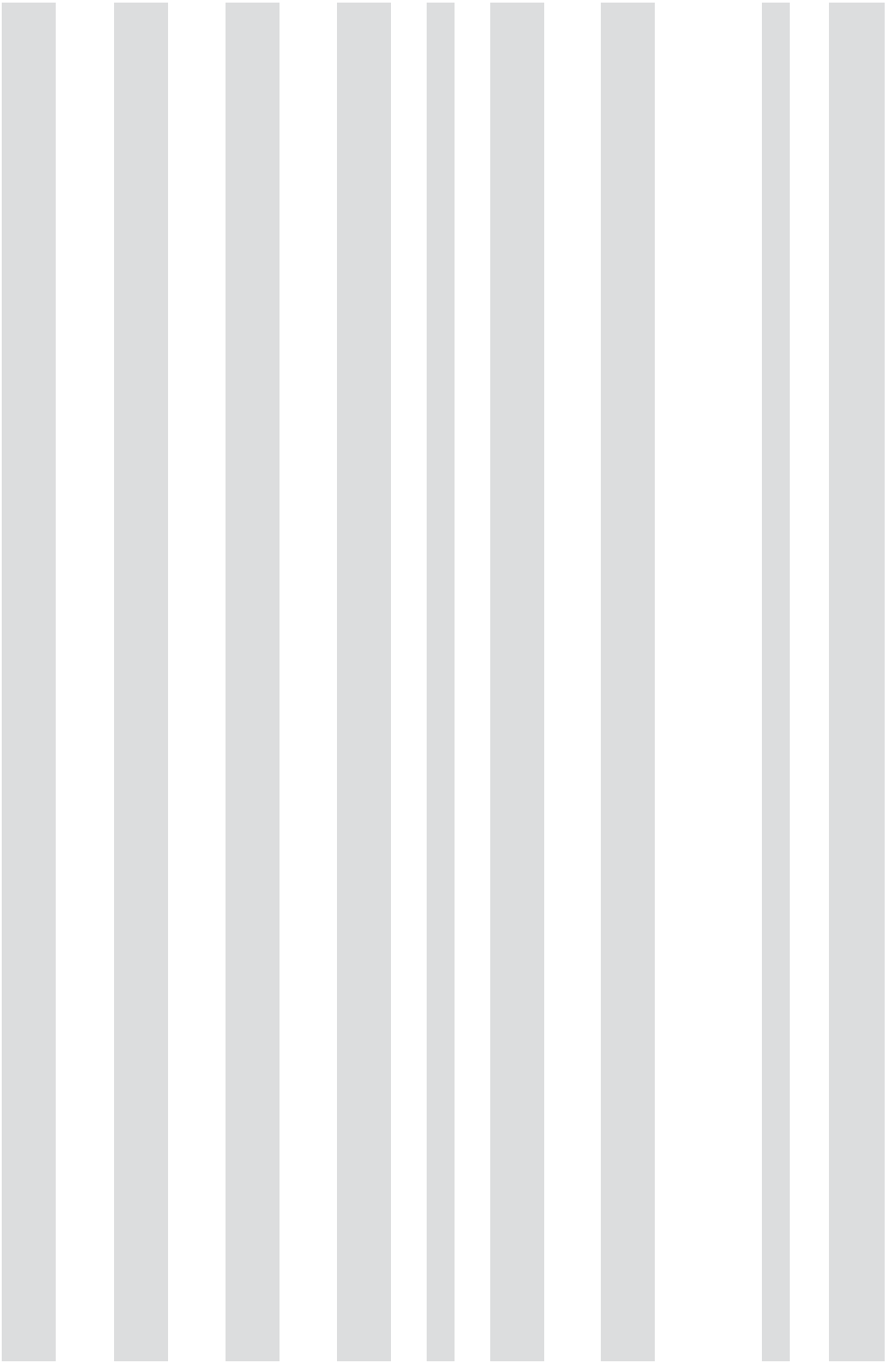


2003 LPN/VN
PRACTICE ANALYSIS

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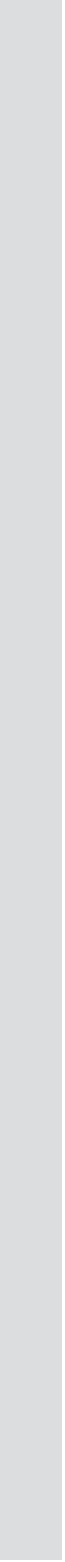
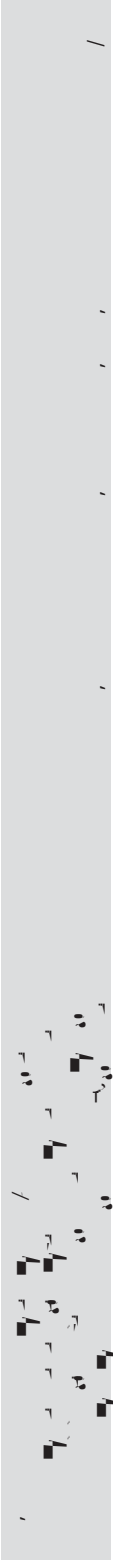


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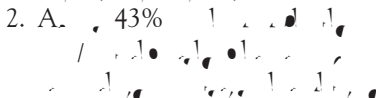
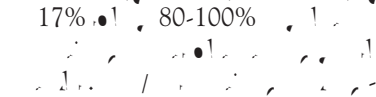

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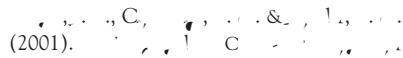
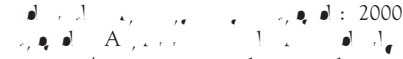







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Appendix C

2003 LPN/VN Practice Analysis Survey Questionnaire, Form 1

This questionnaire is part of a comprehensive study of the practice of newly licensed nurses in the state of California. The study is being conducted by the National Board of Nursing, the State Board of Registered Nurses, and the State Board of Vocational Nurses. The study is being conducted to determine the current practice of newly licensed nurses in the state of California. The study will be used to develop a practice analysis for the purpose of determining the minimum requirements for the licensure of newly licensed nurses in the state of California. Most questions have several alternative answers. Choose the answer that best represents your answer to the question. Please print your answer legibly in the space provided following the question.



SECTION 1: EXPERIENCE AND ORIENTATION

6. Which of the following administrative roles do you perform within your current position? (Select all that apply.)

None of the following administrative roles are included in my current position.

Director of nursing

Chief nurse

Clinical nurse manager

Coordinator

House supervisor

Team leader

Example: Director of nursing

Months: [0-6] [7-12] [13-18] [19-24] [25-30] [31-36] [37-42] [43-48] [49-54] [55-60]

Approximately what percentage of your time at work is spent performing the administrative roles you marked in Question 6?

None of the administrative roles listed in Question 6 are performed in my current position.

0 - 19%

20 - 39%

40 - 59%

60 - 79%

80 - 100%

2. Have you ever worked as a nurse outside the U.S.?

Yes

No → Skip to question 3

If yes, what is the total number of months you worked outside the U.S. (do not include months in the U.S.)

Months: [0-6] [7-12] [13-18] [19-24] [25-30] [31-36] [37-42] [43-48] [49-54] [55-60]

SECTION 2: WORK ENVIRONMENT

7. Approximately how many of the following types of patients do you care for? (Select all that apply.)

Acute care

Long-term care

Home care

Outpatient

Ambulatory

Geriatric

Pediatric

Other (please specify)

8. Which of the following best describes your current work setting? (Select all that apply.)

Hospital

Outpatient

Home care

Ambulatory

Long-term care

Other (please specify)

9. How many patients do you care for in your current work setting? (Select all that apply.)

1-10

11-20

21-30

31-40

41-50

51-60

61-70

71-80

81-90

91-100

101-150

151-200

201-300

301-400

401-500

501-600

601-700

701-800

801-900

901-1000

More than 1000

10. How many patients do you care for in your current work setting? (Select all that apply.)

1-10

11-20

21-30

31-40

41-50

51-60

61-70

71-80

81-90

91-100

101-150

151-200

201-300

301-400

401-500

501-600

601-700

701-800

801-900

901-1000

More than 1000

11. How many patients do you care for in your current work setting? (Select all that apply.)

1-10

11-20

21-30

31-40

41-50

51-60

61-70

71-80

81-90

91-100

101-150

151-200

201-300

301-400

401-500

501-600

601-700

701-800

801-900

901-1000

More than 1000

12. How many patients do you care for in your current work setting? (Select all that apply.)

1-10

11-20

21-30

31-40

41-50

51-60

61-70

71-80

81-90

91-100

101-150

151-200

201-300

301-400

401-500

501-600

601-700

701-800

801-900

901-1000

More than 1000



2003 LPN/VN
PRACTICE ANALYSIS

SECTION 3 PART A: NURSING ACTIVITIES (continued)

A-Frequency B-Priority

NEVER 0 1 2 3 4 5
1 = Never 2 = Low 3 = Moderate 4 = High 5 = Highest

Question A If an activity

Activity	0	1	2	3	4	5
51. Provide care for a client's tracheostomy						
52. Listen to family/client concerns						
53. Provide non-pharmacologic interventions for pain relief such as imagery, massage or repositioning						
54. Give a subcutaneous (SQ), intradermal, or intramuscular (IM) medication						
55. Perform an electrocardiogram (EKG/ECG)						
56. Perform wound care and/or dressing change						
57. Assist with activities of daily living such as dressing, grooming or bathing						
58. Give total parenteral nutrition (TPN)						
59. Use a laser to remove client's unwanted hair						
60. Assist in or re-orient education of client/family about safety precautions						
61. Intervene to improve client's elimination by instillation, bowel or bladder management						
62. Perform						
63. Assist in						
64. Follow-						
65. Provide						
66. Provide						

SECTION 3 PART B: KNOWLEDGE

Responding to this knowledge assessment will help you determine your current level of knowledge about many nursing topics. Responding with the following scales:

Importance	Usage
How important is this knowledge to the work you perform in your current nursing practice setting?	How do you most often use this type of knowledge in providing safe care to clients within your practice setting?
0 – Not important 1 – Minimally important 2 – Moderately important 3 – Very important	0 – I do not use the knowledge 1 – I recognize/recall the knowledge 2 – I apply/interpret/analyze the knowledge

Knowledge Categories

Biologic sciences (anatomy & physiology, biology, microbiology):

The study of life and living things including the structure and function of the human body and the organisms that invade it.

Importance: (0) (1) (2) (3) Usage: (0) (1) (2)

Communication skills:

Safe, effective client care relies on these skills are utilized to accurately deliver care. These skills include the ability to communicate with clients, families, and the community. Also included is the ability to recognize and appropriately address barriers to communication.

Importance: (0) (1) (2) (3) Usage: (0) (1) (2)

Nutrition:

Knowledge of the processes involved in ingesting and utilizing food substances. The outcomes of care may be influenced by an imbalance in the intake of nutrients.

Importance: (0) (1) (2) (3) Usage: (0) (1) (2)

Pharmacology/Dosage calculations:

Knowledge of drugs (toxicologic effects, body systems in which they are used, and their actions) and the ability to calculate and adjust dosages for individual clients. Includes knowledge of drug interactions and side effects.

Importance: (0) (1) (2) (3) Usage: (0) (1) (2)

Infection control:

Knowledge needed to institute/utilize infection control measures; provide a safe environment for self, clients and staff; prepare for disasters; recognize and report incidents/errors/occurrences; and actively promote the safety of client care processes. Also included is a working knowledge of standards set by various regulatory bodies such as JCAHO, OSHA, etc.

Importance: (0) (1) (2) (3) Usage: (0) (1) (2)

Humanities (psychology, behavioral science, sociology, growth & development):

Knowledge of the emotional, psychological, spiritual, and social functioning of human beings throughout their life cycle and the ability to apply this knowledge to client care.

Importance: (0) (1) (2) (3) Usage: (0) (1) (2)

Leadership/Management/Collaboration:

Knowledge needed to work with others to coordinate care, manage resources, and provide a safe environment for clients. Includes the ability to work with others to improve the quality of care.

Importance: (0) (1) (2) (3) Usage: (0) (1) (2)

Critical Thinking:

Knowledge needed to analyze information, identify problems, and make decisions based on evidence. Includes the ability to evaluate the quality of information and to apply this knowledge to client care.

Importance: (0) (1) (2) (3) Usage: (0) (1) (2)

Legal and Ethical Issues:

Knowledge of professional boundaries, scope of practice and professional roles. Also included are the legal obligations of the nurse such as reporting to authorities and proper documentation of care.

Importance: (0) (1) (2) (3) Usage: (0) (1) (2)

Knowledge needed to perform nursing procedures and psycho-motor skills:

Nursing-specific knowledge about performance of procedures and skills such as insertion of a urinary catheter, changing a wound dressing, inserting a nasogastric tube, collecting lab specimens, monitoring fetal heart tones, etc.

Importance: (0) (1) (2) (3) Usage: (0) (1) (2)

Nursing process:

Knowledge needed to assess clients, plan and implement care and evaluate the effects of interventions.

Importance: (0) (1) (2) (3) Usage: (0) (1) (2)

Nursing issues and trends:

Knowledge of current nursing issues and trends that affect the practice of nursing. Includes the ability to apply this knowledge to client care.

Importance: (0) (1) (2) (3) Usage: (0) (1) (2)

SECTION 5: DEMOGRAPHIC INFORMATION (continued)

4. Select below the answer most descriptive of your race/ethnicity. 8. Are you currently enrolled in a registered nurse education program?

Yes No Skip to Question 10

Asian Indian Skip to Question 9

Asian Other (Asian, Filipino, Japanese, Korean, Vietnamese, etc.)

Black/African American

White Hispanic or Latino

5. If you are currently enrolled in a registered nurse education program, please indicate the type of program you are enrolled in. 9. If you have applied to a registered nurse education program, please indicate the type of program most recently completed.

Registered Nurse - Diploma program White

Registered Nurse - Associate degree program Multiracial

Registered Nurse - Bachelor's degree program Other (Specify) _____

6. Type of basic nursing education program most recently completed:

RN - Diploma in U.S.

RN - Associate Degree in U.S.

RN - Baccalaureate Degree in U.S.

Any nursing program NOT located in the U.S.

Currently completing pre-requisite courses

On a waiting list for admission

Unable to afford tuition

Did not meet admission requirements

Turned down because classes are full

10. Do you have a non-nursing college degree?

Yes

No

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Appendix D

Activities Rank Ordered by Average Total Group Frequency

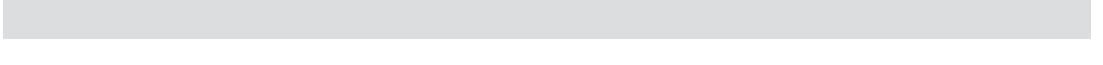
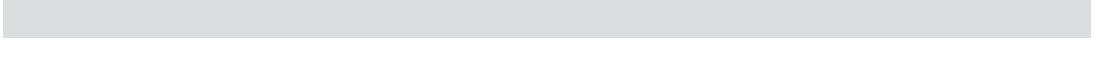
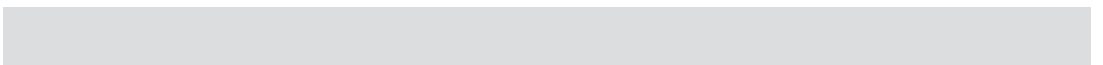
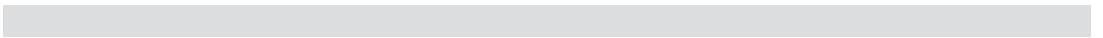
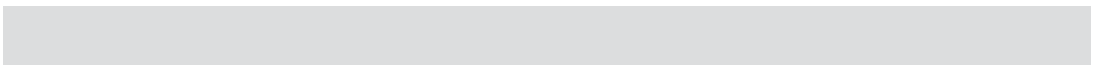
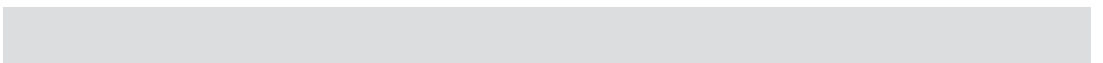
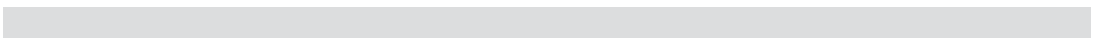
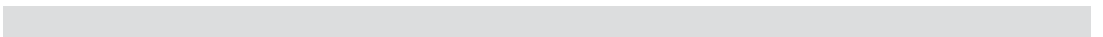
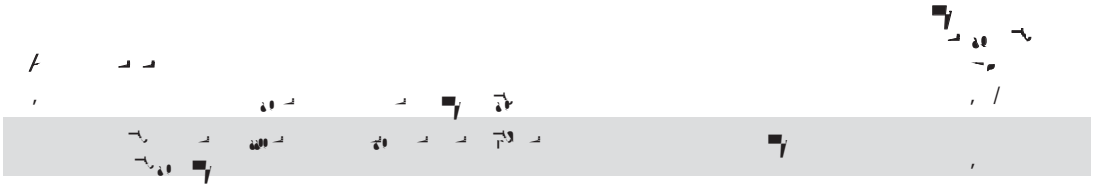
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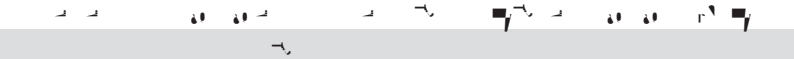


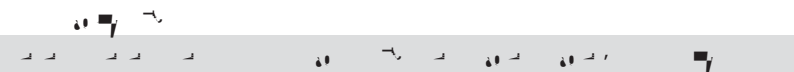
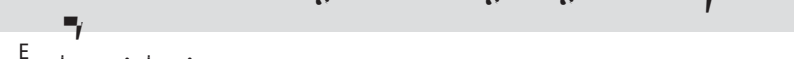


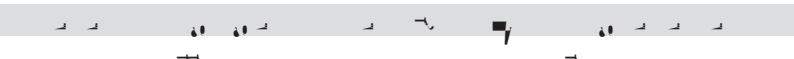

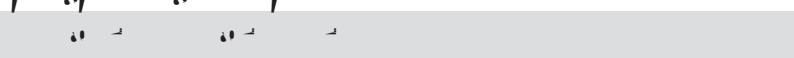
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Appendix E

Activities Rank Ordered by Average Priority Rating

Activity	Priority Rating
1. Perform a physical assessment on a patient.	4.5
2. Administer medications as prescribed.	4.3
3. Monitor vital signs.	4.1
4. Document patient care.	3.9
5. Provide patient education.	3.7
6. Respond to emergency situations.	3.5
7. Collaborate with other healthcare providers.	3.3
8. Perform wound care.	3.1
9. Maintain patient safety.	2.9
10. Provide emotional support to patients.	2.7
11. Administer injections.	2.5
12. Monitor patient hydration.	2.3
13. Perform patient transfers.	2.1
14. Respond to patient complaints.	1.9
15. Provide patient reassurance.	1.7
16. Monitor patient pain levels.	1.5
17. Administer eye medications.	1.3
18. Perform patient assessments.	1.1
19. Document medication administration.	0.9
20. Provide patient instructions.	0.7
21. Monitor patient vital signs.	0.5
22. Administer oral medications.	0.3
23. Perform patient assessments.	0.1



7



2003 LPN/VN
PRACTICE ANALYSIS

7/1

Handwritten musical notation on a series of 15 five-line staves. The notation includes various notes, rests, and symbols. Some staves are highlighted with a light gray background. A double bar line is present on the 11th staff. An asterisk (*) is used as a marking on the 10th and 14th staves. The notation appears to be a form of shorthand or a specific musical notation system.

Five empty five-line musical staves, each with a light gray background, intended for further notation.



Handwritten musical notation on a series of horizontal lines. The notation includes various symbols such as notes, rests, and clefs. The page is divided into alternating white and grey horizontal bands. The word "E" is written in the first and fifth bands. The notation is dense and spans most of the page.

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