



## POSITION DESCRIPTION Interventional Radiology RN

**POSITION SUMMARY:**

Delivers general nursing care to patients in all areas of the Radiology/Imaging Department, assesses patient condition and takes immediate action in emergency situation. Responds to patient needs before, during and after procedures including assessment of condition, cardiac arrest, intravenous problems. Performs pre-examination and post-examination assessments for angiography, CT scan and minor special procedures, including physical exam with extremity pulses, allergies, current medication and medical history which would have an adverse effect on the patient or exam and sedation analgesia. Educates patient and family about pre, intra and post procedure care. Documents care and relay information to physician and patient care unit. Follows established standards and practices under the direction of a credentialed radiologist, credentialed invasive cardiologist or credentialed intravascular surgeon.

<b>POSITION DESCRIPTION – INTERVENTIONAL RADIOLOGY RN</b>	
<b>STANDARD</b>	
<b>Environment of Care: Demonstrates knowledge and practice of:</b>	
1.	<b>Safety</b> - Department specific and hospital wide safety risks
2.	<b>Security</b> – Processes for minimizing security risks
3.	<b>Haz Mat/Waste</b> - Procedures for spills/MSDS
4.	<b>Emergency Preparedness</b> – Role in emergency codes
5.	<b>Fire Safety</b> – Role/response in Code Red actual/drill
6.	<b>Med Equipment</b> – Safe operation of equipment (see specific list) user error education
7.	<b>Utility Systems</b> – Emergency procedures for utility failures
<b>Infection Control: Demonstrates knowledge and practice of:</b>	
8.	Department specific policies and procedures
9.	Hospital-wide policies and procedures
10.	Location/use of personal protective equipment
11.	CDC Hand Washing Guidelines
<b>Performance Improvement: Demonstrates knowledge of:</b>	
12.	Hospital-wide approach to Performance Improvement
13.	How department is involved in hospital-wide PI program
<b>Patient Rights: Demonstrates knowledge and practice of:</b>	
14.	Patient Rights and Responsibilities
15.	Confidentiality Policy – HIPAA
16.	Ethical Issue Resolution
17.	Organizational Ethics Policy
18.	Restraint Policy & procedure, alternatives to restraints
<b>Risk Management: Demonstrates knowledge and practice of:</b>	
19.	Occurrence Reporting
20.	Identify and report a sentinel event
21.	Sexual Abuse/Allegation Reporting
22.	Root Cause Analysis/FEMA
<b>Certifications</b>	
23.	BLS card                      Exp date:
24.	ACLS card                      Exp date:
25.	PALS card                      Exp date:
26.	RN License                      Exp date:

**STANDARD****Patient Safety**

- 27. Non-punitive medical/healthcare reporting
- 28. National patient safety goals
  - Accuracy of patient identification using patient's name and birth date
- 29. Fall prevention measures
- 30. Radiation safety procedures
- 31. Medication safety
  - Conscious sedation monitoring
  - Look alike, sound alike medications
  - Safe storage and use of narcotics
  - Dangerous abbreviation list
  - Transferring medications from nonsterile field to sterile field

- 32. Sentinel events alert
  - Inpatient suicide
  - High alert medications
  - Preventing needle sticks and sharps injuries
  - Ventilator safety
  - Bed related entrapment deaths
  - Wrong site surgery
  - Restraints
  - Medical gas mix ups
  - Operative and postoperative complications
  - Nosocomial infections

**Department Core Competencies**

- 33. Coordination of patient flow
- 34. Participates in daily scheduling/planning
- 35. Follow up on patient complaints

**Patient Care Competencies**

- 36. Assess physiological health status of patient:
  - Assess patient/chart for appropriate date and completeness of record
  - Assess presence of implants (ICD, pacers, valves)
  - Assess cardiovascular, respiratory, neurological, renal and peripheral vascular status when accepting patient into area. Documents findings and notifies physician of any changes/abnormalities.
- 37. Provides emotional support
  - Assesses anxiety level of patient/family and communicates effectively about procedures, change in schedule
- 38. Preparation and safe administration of contrast material
- 39. Establishes goals and evaluates patient outcomes based on patient care needs
  - Documents patient outcomes appropriately pre, intra and post procedure (pulses, presence of hematoma, comfort, response to medication)
- 40. Develops a plan of care prescribing actions to achieve patient goals:
  - Perform IV therapy/ check for patency
  - Assesses pre-op shave prep
  - Location of Code Blue – cardiac arrest button/alarm
  - Maintains crash cart and is aware of contents
  - Defibrillation/cardioversion competency
  - External pacing
  - Positions patient appropriately on table for different procedures per physician preference
  - Pads bony prominences when procedure allows to prevent pressure sore development
- 41. Implements necessary actions in transferring patient:
  - Takes care with transfers to guard skin integrity
  - Maintains side rails up at all times when patient is on stretcher
- 42. Performs patient care functions around imaging equipment in a safe manner:
  - Charts and documents all patient allergies including contrast media
  - Documents the type and amount of contrast media used on patient chart
  - Wears appropriate PPE – head covering, masks, gowns, eye protection (goggles or lead glasses)
  - Wears appropriate PPE Radiation protection – lead aprons, thyroid collars, film badges

<b>STANDARD</b>	
43.	Create and maintain sterile field <ul style="list-style-type: none"> <li>▪ Initiates appropriate action when breaks in techniques occur</li> <li>▪ Inspects sterile items for contamination before opening</li> </ul>
44.	Provides equipment and supplies based on patient needs: <ul style="list-style-type: none"> <li>▪ Ensures that room is set up according to procedures and physician preference</li> <li>▪ Oxygen/supplies</li> <li>▪ Suction/apparatus</li> <li>▪ Crash cart and medication boxes accessible</li> <li>▪ Dinamap/pulse oximetry</li> </ul>
45.	Demonstrates knowledge and competency to perform invasive procedures in angio, CT, ultrasound and fluoroscopy <ul style="list-style-type: none"> <li>▪ Biopsies</li> <li>▪ Angiograms</li> <li>▪ Venograms</li> <li>▪ Line placements</li> <li>▪ Drainages/aspirations</li> <li>▪ Myelograms/Discograms</li> <li>▪ Vertebroplasty</li> <li>▪ Tube changes</li> <li>▪ RF ablations</li> </ul>
46.	Administers drugs and solutions as prescribed – maintains medication knowledge and competence for: <ul style="list-style-type: none"> <li>▪ All emergency cardiac drugs</li> <li>▪ Reversal agents</li> <li>▪ Emergency drug protocols</li> </ul>
47.	Demonstrates knowledge in recognition and appropriate nursing intervention for: <ul style="list-style-type: none"> <li>▪ Hemodynamic shock</li> <li>▪ Anaphylactic shock</li> <li>▪ Medication adverse reactions</li> <li>▪ Contrast reactions</li> </ul>
48.	Physiologically monitors patient during procedure
49.	Uses monitor to record physiological status and documents accordingly <ul style="list-style-type: none"> <li>▪ Performs correct lead placement</li> <li>▪ Changes leads and size on computer specific physiological records</li> <li>▪ Trouble shoots artifact or improper waveform</li> </ul>
50.	Identifies cardiac rhythms and normal ranges <ul style="list-style-type: none"> <li>▪ SR, SB, ST</li> <li>▪ PVC, PJC, PAC</li> <li>▪ Junctional</li> <li>▪ Atrial flutter/Fibrillation</li> <li>▪ V Tach/V fib</li> <li>▪ Idioventricular</li> <li>▪ Asystole</li> <li>▪ Blocks – 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup></li> <li>▪ Identify pacemaker spikes (Atrial versus ventricular, capture/non-capture)</li> </ul>
51.	Connects NIBP correctly and trouble shoot
52.	Identify normal BP ranges and notify MD of panic ranges
53.	Measure chest height correctly
54.	Balances transducer at table/computer
<b>Age Specific Competencies</b>	
<b>Knowledge</b>	
55.	Demonstrate knowledge of growth and development
56.	Criteria to identify victims of abuse and neglect
<b>Skills</b>	
57.	Performs age specific assessments for pre-op, intra and post op periods
58.	Appropriately interprets patient data and hemodynamic responses pre, intra and post procedure
59.	Demonstrate age appropriate communication skills
60.	Assesses age specific safety issues and implements the appropriate safety devices pre, intra and post procedure

<b>STANDARD</b>
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<b>Service Standards</b>
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61. Is proactive. Anticipates and responds to patient/physician/family members/coworkers needs. Demonstrates an energetic and positive approach to work. Is sensitive to customer's physical, social and cultural needs.
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62. Demonstrates accountability and commitment to coworkers. Is a dependable member of the team and addresses issues in a timely manner.
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63. Demonstrates sense of ownership. Pays attention to details of job, ensures all mandatory obligations are met.
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64. Gives all customers their full attention and treats them with dignity, respect and understanding.
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65. Presents a clean, professional, well groomed image. Wears name badge, adheres to uniform policy.
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66. Safeguards patient confidentiality in all forms of communication.
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67. Works effectively with others toward achieving common goals including morale and teamwork.
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68. Interacts compassionately and in a timely manner with all customers.
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<b>Equipment – Demonstrate Safe and Effective Use</b>
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69. Medrad injector
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70. Dictation system
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71. Site Rite guide
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72. Defibrillators
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73. Stethoscope Doppler
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74. Data scope
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75. ARJO
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76. Cath care
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77. ACT Test
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78. Vascular devices
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## POSITION (MINIMUM) REQUIREMENT CHECKLIST

Position Title: Interventional Radiology RN

Department: Imaging

### EDUCATION

- Less than high school
- High school or GED
- Vocational/Technical
- Degree in Nursing AD/BS/MS
- 4 year/Bachelor's Degree
- Post Graduate Degree
- License/Certification – current RN in state of practice
- Knowledge of state, federal, JCAHO regulations
- Medical terminology
- Other: Cinefluorography

### EXPERIENCE

- Two years ICU experience
- One year interventional radiology

### SKILLS

- Organizational
- Verbal/Follow verbal instructions
- Interpersonal
- Customer Relations
- Mathematical
- Analytical
- Grammar/Spelling
- Read/Comprehend/Follow written instructions
- Transcription
- BLS
- ACLS
- Computer
- Management/Planning Skills

### PRE-PLACEMENT TESTING

- Minimum score of \_\_\_\_\_ on Clerical test
- Minimum typing of \_\_\_\_\_ wpm
- Minimum score of 84 on PCT test
- Minimum score of 84 on WS test
- Minimum score of 84 on MT test
- Minimum score of 100 on Filing test
- Minimum score of 84 on Nursing medication test

### AGE OF PATIENTS SERVED (For Nursing/Patient Care Positions)

- Neonate/Infant (birth - 1 yr)
- Child/Ped. (1 - 12 yrs)
- Adolescence (13 - 18 yrs)
- Adult (19 - 65 yrs)
- Geriatric (66 + yrs)

### MENTAL AND EMOTIONAL REQUIREMENTS

- Manage stress appropriately
- Make decisions under pressure
- Manage anger/fear/hostility/violence of others appropriately
- Handle multiple priorities
- Work alone
- Work in areas that are confined and/or crowded
- Concentration to detail
- Memory for detail

### HAZARDS

- Exposure to toxic/caustic/chemicals/detergents
- Exposure to extreme conditions, hot/cold
- Exposure to dust/fumes/gases
- Exposure to moving mechanical parts
- Exposure to potential electrical shock
- Exposure to x-ray/electromagnetic energy
- Exposure to high pitched noises
- Exposure to communicable diseases
- Exposure to blood and/or body fluids
- Exposure to excessive sunlight, or work outdoors
- Unprotected heights
- CRT (computer) monitor
- Operating heavy equipment

### PHYSICAL REQUIREMENTS (See definitions on next page)

- Sedentary work
- Light work
- Medium work
- Heavy work
- Very heavy work

*The minimum requirements of this position require the individual to:*

- Stand for 8 hour(s) per day
- Sit for 1 hour(s) per day
- Walk for 8 hour(s) per day
- Perform repetitive tasks/motions
- Distinguish colors
- Hear alarms/telephone/tape recorder/normal speaking voice
- Have good manual dexterity
- Have good eye-hand-foot coordination
- Have clarity of vision
- Have good writing ability

*Evaluate the requirements and activity percentage in time for this position based on the following:*

- 1 - Not at all (0%)**
- 2 - Occasionally (1 - 33%)**
- 3 - Frequently (34 - 66%)**
- 4 - Continuously (67 - 100%)**

- 2 Climbing
- 3 Bending
- 1 Crouching
- 2 Squatting
- 2 Crawling
- 2 Kneeling
- 3 Balancing
- 3 Pulling with force
- 3 Reaching above head
- 3 Reaching above shoulder
- 4 Twisting at waist
- 3 Push/pull (up to 100 lbs.)
- 3 Lift/carry (up to 100 lbs.)
- 2 Lift from floor level up
- 2 Lift from waist level up
- 2 Lift above shoulders/head

## POSITION (MINIMUM) REQUIREMENT CHECKLIST

### LIST PERSONAL PROTECTIVE EQUIPMENT REQUIRED:

1. Regular or powder free nonsterile gloves
2. Regular or hypoallergenic sterile gloves
3. Extra protection sterile surgical gowns
4. Assorted surgical masks including splash resistant shield
5. Surgical hats/caps
6. Shoe covers
7. Lead aprons
8. Thyroid collar
9. Eye/thyroid shield
10. Splash goggles
11. Lead drape
12. Film/Dosimetry badges

### LIST OTHER MINIMUM REQUIREMENTS:

Able to wear 25 pounds of lead for up to eight hours per day

### OCCUPATIONAL EXPOSURE TO BLOODBORNE PATHOGENS

- A - Routine exposure
- B - Occasional exposure
- C - No exposure

### OCCUPATIONAL EXPOSURE TO TB

- 1 - Routine exposure
- 2 - Potential exposure
- 3 - No exposure

### COMPRESSED GAS USAGE

- Yes
- No

### DEFINITIONS:

SEDENTARY WORK:	Prolonged periods of sitting and exert up to 10 lbs. force occasionally.
LIGHT WORK:	Exert up to 20 lbs. force occasionally, and/or up to 10 lbs. frequently.
MEDIUM WORK:	Exert up to 50 lbs. force occasionally, and/or up to 20 lbs. frequently, and/or up to 10 lbs. constantly.
HEAVY WORK:	Exert up to 100 lbs. force occasionally, and/or 50 lbs. frequently, and/or 20 lbs. constantly.
VERY HEAVY WORK:	Exert over 100 lbs. force occasionally, and/or over 50 lbs. frequently, and/or over 20 lbs. constantly.

I have reviewed these job requirements and verify that I am able to perform the minimum requirements and essential functions of this position.

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Employee Signature

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Date