

## RADIOLOGICAL SERVICES TEAM

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| <b>DESCRIPTION</b>                             | The Radiological Services Team provides basic and specialized clinical imaging services for an existing hospital or outpatient facility; imaging services include x-ray, ultrasound, computerized tomography (CT), magnetic resonance imaging (MRI), and fluoroscopy studies   |
| <b>RESOURCE CATEGORY</b>                       | Medical and Public Health  |
| <b>RESOURCE KIND</b>                           | Team   |
| <b>OVERALL FUNCTION</b>                        | <p>The Radiological Services Team:</p> <ol style="list-style-type: none"> <li>1. Performs diagnostic imaging procedures in compliance with standard medical protocols</li> <li>2. Applies principles of radiation protection and provides patient care essential to radiographic procedures</li> <li>3. Evaluates radiographs and other medical imaging for technical quality</li> <li>4. Develops a medical interpretation for each imaging study</li> <li>5. Ensures that the readings are transmitted to appropriate medical providers</li> </ol>   |
| <b>COMPOSITION AND ORDERING SPECIFICATIONS</b> | <ol style="list-style-type: none"> <li>1. Discuss logistics for deploying this team, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment</li> <li>2. Requestor and provider discuss specific equipment the requestor will provide</li> <li>3. Requestor orders additional staff, if necessary, to ensure the availability of resources required to safely and effectively support the mission assignment, including administrative, logistics, communications, supply, and clerical personnel</li> <li>4. Requestor supplements clinical staff with Healthcare Resource Coordination Team if equipment, supplies, information technology, and communications support are necessary</li> <li>5. Requestor identifies, verifies, and mitigates potentially hazardous conditions</li> <li>6. To ensure staff is qualified to care for the patient mix, requests for assistance specify the clinical area, specialty services (if necessary), mission assignment, and anticipated length of deployment</li> <li>7. Requestor specifies whether interventional radiology (IR) capabilities are necessary and orders a Type 1 Radiologist separately</li> <li>8. Address potential biohazard issues as appropriate</li> <li>9. Specify the need to order mobile units and adjunct equipment</li> <li>10. This team does not conduct nuclear medicine studies; requestor orders nuclear medicine capabilities separately</li> </ol> |

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

| COMPONENT  | TYPE 1         | TYPE 2  | NOTES   |
|--|----------------|---|---|
| <b>MINIMUM PERSONNEL PER TEAM</b>                  | Same as Type 2 | 4   | Not Specified   |
| <b>MANAGEMENT AND OVERSIGHT PERSONNEL PER TEAM</b> | Same as Type 2 | 1 - National Incident Management System (NIMS) Type 1 Medical Team Leader | Not Specified   |
| <b>SUPPORT PERSONNEL PER TEAM</b>                  | Same as Type 2 | 1 - NIMS Type 2 Radiologist<br>2 - NIMS Type 1 Radiology Technician       | Type 1 Radiology Technicians have advanced certifications to perform specialized imaging studies, such as MRI and CT scans. |

| COMPONENT  | TYPE 1   | TYPE 2   | NOTES   |
|--|--|--|---|
| <b>TESTING CAPABILITY PER TEAM</b>                                   | Same as Type 2, PLUS:<br>Advanced radiological services, including:<br>1. MRI scans<br>2. CT scans<br>3. Fluoroscopy | Basic radiological services, including:<br>1. X-rays (radiographs)<br>2. Ultrasounds   | Requestor provides testing equipment for specified radiological services, unless the provider otherwise specifies.  |
| <b>PERSONAL PROTECTIVE EQUIPMENT (PPE) EQUIPMENT PER TEAM MEMBER</b> | Same as Type 2   | Dosimeters and additional mission-specific PPE, which may include:<br>1. Eye protection<br>2. Masks, such as N95 masks or powered air purifying respirators (PAPR)<br>3. Protective footwear<br>4. Protective gloves | 1. The following regulations address PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.1030: Bloodborne Pathogens, OSHA 29 CFR Part 1910.120: Hazardous Waste Operations and Emergency Response, and OSHA 29 CFR Part 1910.134: Respiratory Protection.<br>2. Personnel deploy with individual dosimeters in addition to any mission-specific PPE. |
| <b>COMMUNICATIONS EQUIPMENT PER TEAM</b>                             | Same as Type 2   | Appropriate team communications, such as two-way radios, cell phones, or a satellite phone   | Not Specified   |

## NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

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## REFERENCES

1. FEMA, NIMS 508: Healthcare Resource Coordination Team
2. FEMA, NIMS 509: Radiologist
3. FEMA, NIMS 509: Radiology Technician
4. FEMA, NIMS 509: Medical Team Leader
5. FEMA, National Incident Management System (NIMS), October 2017
6. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.120: Hazardous Waste Operations and Emergency Response, latest edition adopted
7. OSHA 29 CFR Part 1910.134: Respiratory Protection, latest edition adopted
8. OSHA 29 CFR Part 1910.1030: Bloodborne Pathogens, latest edition adopted