

## RADIOLOGICAL SERVICES TEAM

<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 security, lodging, transportation, and meals, prior to deployment</li> <li>2. This team typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days</li> <li>3. Requestor and provider discuss specific equipment the requestor will provide</li> <li>4. 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>5. Requestor supplements clinical staff with Healthcare Resource Coordination Team if equipment, supplies, information technology, and communications support are necessary</li> <li>6. Requestor identifies, verifies, and mitigates potentially hazardous conditions</li> <li>7. 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>8. Requestor specifies whether interventional radiology (IR) capabilities are necessary and orders a Type 1 Radiologist separately</li> <li>9. Address potential biohazard issues as appropriate</li> <li>10. Specify the need to order mobile units and adjunct equipment</li> <li>11. 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>CAPABILITY PER TEAM TESTING CAPABILITY</b>	Same as Type 2, PLUS: Advanced radiological services, including: 1. MRI scans 2. CT scans 3. Fluoroscopy	Basic radiological services, including: 1. X-rays (radiographs) 2. Ultrasounds	Requestor provides testing equipment for specified radiological services, unless the provider otherwise specifies.
<b>EQUIPMENT PER TEAM COMMUNICATIONS</b>	Same as Type 2	Appropriate team communications, such as two-way radios, cell phones, or a satellite phone	Not Specified

Superseded

COMPONENT	TYPE 1	TYPE 2	NOTES
<b>EQUIPMENT PER TEAM MEMBER PERSONAL PROTECTIVE EQUIPMENT</b>	Same as Type 2	Dosimeters and additional mission-specific PPE, which may include: 1. Eye protection 2. Masks, such as N95 masks or powered air purifying respirators (PAPR) 3. Protective footwear 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. 2. Personnel deploy with individual dosimeters in addition to any mission-specific PPE.
<b>PERSONNEL PER TEAM MANAGEMENT AND OVERSIGHT</b>	Same as Type 2	1 - National Incident Management System (NIMS) Type 1 Medical Team Leader	Not Specified
<b>PERSONNEL PER TEAM MINIMUM</b>	Same as Type 2	4	Not Specified
<b>PERSONNEL PER TEAM SUPPORT</b>	Same as Type 2	1 - NIMS Type 2 Radiologist 2 - NIMS Type 1 Radiology Technician	Type 1 Radiology Technicians have advanced certifications to perform specialized imaging studies, such as MRI and CT scans.

Superseded

## 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. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.120: Hazardous Waste Operations and Emergency Response, latest edition adopted
6. OSHA 29 CFR Part 1910.134: Respiratory Protection, latest edition adopted
7. OSHA 29 CFR Part 1910.1030: Bloodborne Pathogens, latest edition adopted

**Superseded**