

## **Standard AOP.05.03**

Radiology and diagnostic imaging study results are available in a timely way as defined by hospital policy.

### **Intent of AOP.05.03**

Timely reporting of radiology and diagnostic imaging results is vital to the prompt assessment and diagnosis of patients.

The hospital defines the time frame for reporting diagnostic radiology and diagnostic imaging study results. Results are reported within a time frame based on patient needs, services offered, and clinical staff needs. Emergent or stat imaging and after-hours and weekend imaging needs are included.

The hospital monitors whether radiology and diagnostic imaging study results are reported within the time frame. Results from urgent or emergent radiology and diagnostic imaging studies are given special attention in the quality measurement process. If the results are not reported in accordance with the hospital's time frame, the hospital identifies barriers to meeting this goal and implements corrective actions.

Radiology and diagnostic imaging studies performed by outside contractors of services are reported according to hospital policy or contract requirement.

### **Measurable Elements of AOP.05.03**

1. ⑩ The hospital has a written policy that establishes the expected report time for diagnostic imaging results.
2. The hospital monitors whether urgent or emergent radiology and diagnostic imaging results are reported within the expected time frame.
3. The hospital monitors whether routine radiology and diagnostic imaging results are reported within the expected time frame.
4. When radiology and diagnostic imaging results are not reported within the expected time frame, the hospital takes corrective action.

## **Standard AOP.05.04**

All equipment used to conduct radiology and diagnostic imaging studies is regularly inspected, maintained, and calibrated, and appropriate records are maintained for these activities.

### **Intent of AOP.05.04**

The proper maintenance and calibration of radiology and diagnostic imaging equipment is essential to ensure accuracy of test results.

Radiology and diagnostic imaging staff ensure that all equipment used for radiology and diagnostic imaging programs functions properly. The hospital has a program to manage radiology and diagnostic imaging equipment. Testing, maintenance, and calibration frequency are completed according to the manufacturer's guidelines or more frequently based on the use of the equipment and documented history of service.

The program to manage radiology and diagnostic imaging equipment includes the following:

- Selecting and acquiring radiology and diagnostic imaging equipment and medical equipment
- Identifying and taking inventory of radiology and diagnostic imaging equipment
- Assessing radiology and diagnostic imaging equipment use through inspection, testing, calibration, and maintenance
- Monitoring and acting on radiology and diagnostic imaging equipment hazard notices, recalls, reportable incidents, problems, and failures
- Documenting the management program

## Measurable Elements of AOP.05.04

1. ⓐ The hospital develops and implements a written program to manage radiology and diagnostic imaging equipment, including how radiology equipment is selected and acquired.
2. ⓐ There is a documented inventory of all radiology and diagnostic imaging equipment. (*See also* FMS.07.00, ME 2)
3. ⓐ Radiology and diagnostic imaging equipment is inspected and tested when new and according to age, use, and each manufacturer's recommendations; the inspections are documented.
4. ⓐ Radiology and diagnostic imaging equipment is calibrated and maintained according to each manufacturer's recommendations, and the calibration and maintenance is documented.
5. The hospital has a system in place for monitoring and acting on radiology and diagnostic imaging equipment hazard notices, recalls, reportable incidents, problems, and failures. (*See also* FMS.07.01, ME 1)

## Standard AOP.05.05

The hospital has implemented quality control procedures for radiology and diagnostic imaging services.

### Intent of AOP.05.05

Well-designed quality control processes and proficiency testing are essential to providing accurate radiology and diagnostic imaging services. Quality control also includes daily surveillance to ensure that testing is completed according to procedure. Rapid corrective actions are implemented when deficiencies are identified.

Quality control processes include the following:

- Review of image quality
- Accuracy of interpretation of imaging
- Daily surveillance of results by qualified radiology and diagnostic imaging staff
- Rapid corrective action when a deficiency is identified
- Documentation of results and corrective actions

## Measurable Elements of AOP.05.05

1. ⓐ The hospital establishes and implements a written quality control program for the radiology and diagnostic imaging services.
2. Quality control includes validating test methods for accuracy and precision.
3. Quality control includes rapid correction and documentation when a deficiency is identified.

## Standard AOP.05.06

The hospital ensures the quality of services provided by all outside contracted sources of radiology and diagnostic imaging services.

### Intent of AOP.05.06

The hospital has a responsibility to ensure that any service provided by a contracted service meets all licensing and legal requirements and meets quality expectations developed by the hospital.

If the hospital uses the services of a contracted radiology or diagnostic imaging service, the hospital has a responsibility to make certain that the radiology or diagnostic imaging service is licensed and accredited or certified by recognized authorities.

The hospital identifies measures to monitor the quality of services provided by all contracted radiology and diagnostic imaging services. Qualified individuals review and act on the results of quality monitoring. This