DIAGNOSTIC RADIOLOGY 2017 -18

Measure Title	Measure Number				Measure Description	NQS Domain	Measure Type	High Priority	Appropriate Use	Primary Measure Steward	Data Submission Method(s)					
	eMeasure ID	eMeasure NQF	NQF	Quality No. (Q#)							Claims	CSV	EHR	CMS Web Interface	Admin Claims	Registry
Radiology: Exposure Dose or Time Reported for Procedures Using Fluoroscopy	N/A	N/A	N/A	145	Final reports for procedures using fluoroscopy that document radiation exposure indices, or exposure time and number of fluorographic images (if radiation exposure indices are not available)	Patient Safety	Process	X	X	American College of Radiology	X	-	-	-	-	X
Radiology: Inappropriate Use of "Probably Benign" Assessment Category in Screening Mammograms	N/A	N/A	0508	146	Percentage of final reports for screening mammograms that are classified as "probably benign"	Efficiency and Cost Reduction	Process	X		American College of Radiology	X	-	-	-	-	X
Nuclear Medicine: Correlation with Existing Imaging Studies for All Patients Undergoing Bone Scintigraphy	N/A	N/A	N/A	147	Percentage of final reports for all patients, regardless of age, undergoing bone scintigraphy that include physician documentation of correlation with existing relevant imaging studies (e.g., x-ray, MRI, CT, etc.) that were performed	Communication and Care Coordination	Process	X		Society of Nuclear Medicine and Molecular Imaging	X	-	-	-	-	X
Radiology: Stenosis Measurement in Carotid Imaging Reports	N/A	N/A	0507	195	Percentage of final reports for carotid imaging studies (neck magnetic resonance angiography [MRA], neck computed tomography angiography [CTA], neck duplex ultrasound, carotid angiogram) performed that include direct or indirect reference to measurements of distal internal carotid diameter as the denominator for stenosis measurement	Effective Clinical Care	Process			American College of Radiology	X	-	-	-	-	X
Radiology: Reminder System for Screening Mammograms	N/A	N/A	0509	225	Percentage of patients undergoing a screening mammogram whose information is entered into a reminder system with a target due date for the next mammogram	Communication and Care Coordination	Structure	X		American College of Radiology	X	-	-	-	-	X
Optimizing Patient Exposure to Ionizing Radiation: Utilization of a Standardized Nomenclature for Computed Tomography (CT) Imaging Description	N/A	N/A	N/A	359	Percentage of computed tomography (CT) imaging reports for all patients, regardless of age, with the imaging study named according to a standardized nomenclature and the standardized nomenclature is used in institution's computer systems	Communication and Care Coordination	Process	X		American College of Radiology	-	-	-	-	-	X
Optimizing Patient Exposure to Ionizing Radiation: Count of Potential High Dose Radiation Imaging Studies: Computed Tomography (CT) and Cardiac Nuclear Medicine Studies	N/A	N/A	N/A	360	Percentage of computed tomography (CT) and cardiac nuclear medicine (myocardial perfusion studies) imaging reports for all patients, regardless of age, that document a count of known previous CT (any type of CT) and cardiac nuclear medicine (myocardial perfusion) studies that the patient has received in the 12-month period prior to the current study	Patient Safety	Process	X	X	American College of Radiology	-	-	-	-	-	X

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Optimizing Patient Exposure to Ionizing Radiation: Reporting to a Radiation Dose Index Registry	N/A	N/A	N/A	361	Percentage of total computed tomography (CT) studies performed for all patients, regardless of age, that are reported to a radiation dose index registry that is capable of collecting at a minimum selected data elements	Patient Safety	Structure	X		American College of Radiology	-	-	-	-	-	X
Optimizing Patient Exposure to Ionizing Radiation: Computed Tomography (CT) Images Available for Patient Follow-up and Comparison Purposes	N/A	N/A	N/A	362	Percentage of final reports for computed tomography (CT) studies performed for all patients, regardless of age, which document that Digital Imaging and Communications in Medicine (DICOM) format image data are available to non-affiliated external healthcare facilities or entities on a secure, media free, reciprocally searchable basis with patient authorization for at least a 12-month period after the study	Communication and Care Coordination	Structure	X		American College of Radiology	-	-	-	-	-	X
Optimizing Patient Exposure to Ionizing Radiation: Search for Prior Computed Tomography (CT) Studies Through a Secure, Authorized, Media-Free, Shared Archive	N/A	N/A	N/A	363	Percentage of final reports of computed tomography (CT) studies performed for all patients, regardless of age, which document that a search for Digital Imaging and Communications in Medicine (DICOM) format images was conducted for prior patient CT imaging studies completed at non-affiliated external healthcare facilities or entities within the past 12-months and are available through a secure, authorized, media-free, shared archive prior to an imaging study being performed	Communication and Care Coordination	Structure	X		American College of Radiology	-	-	-	-	-	X
Optimizing Patient Exposure to Ionizing Radiation: Appropriateness: Follow-up CT Imaging for Incidentally Detected Pulmonary Nodules According to Recommended Guidelines	N/A	N/A	N/A	364	Percentage of final reports for computed tomography (CT) imaging studies of the thorax for patients aged 18 years and older with documented follow-up recommendations for incidentally detected pulmonary nodules (e.g., follow-up CT imaging studies needed or that no follow-up is needed) based at a minimum on nodule size AND patient risk factors	Communication and Care Coordination	Process	X	X	American College of Radiology	-	-	-	-	-	X
Appropriate Follow-up Imaging for Incidental Abdominal Lesions	N/A	N/A	N/A	405	Percentage of final reports for abdominal imaging studies for asymptomatic patients aged 18 years and older with one or more of the following noted incidentally with follow-up imaging recommended: • Liver lesion ≤ 0.5 cm • Cystic kidney lesion < 1.0 cm • Adrenal lesion ≤ 1.0 cm	Effective Clinical Care	Process	X	X	American College of Radiology	X	-	-	-	-	X

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Appropriate Follow-up Imaging for Incidental Thyroid Nodules in Patients	N/A	N/A	N/A	406	Percentage of final reports for computed tomography (CT), CT angiography (CTA) or magnetic resonance imaging (MRI) or magnetic resonance angiogram (MRA) studies of the chest or neck or ultrasound of the neck for patients aged 18 years and older with no known thyroid disease with a thyroid nodule < 1.0 cm noted incidentally with follow-up imaging recommended	Effective Clinical Care	Process	X	X	American College of Radiology	X	-	-	-	-	X
Radiation Consideration for Adult CT: Utilization of Dose Lowering Techniques	N/A	N/A	N/A	436	Percentage of final reports for patients aged 18 years and older undergoing CT with documentation that one or more of the following dose reduction techniques were used: • Automated exposure control • Adjustment of the mA and/or kV according to patient size • Use of iterative reconstruction technique	Effective Clinical Care	Process			American College of Radiology	X	-	-	-	-	X