



**CY 2020 Final Payment Rates Compared to 3Q 2019 Rates
Medicare Hospital Outpatient Prospective Payment System HOPPS (APC)
Nuclear Cardiology Procedures, Radiopharmaceuticals, and Drugs**

[CMS Website HOPPS CY2020 Final Rule](#)

Updated November 2019

CPT / HCPCS Code	Description	APC		Status Indicator		Payment Rates		
		3Q 2019	2020-Final	3Q 2019	2019-Final	3Q 2019	2020-Final	% Change
75557	Cardiac magnetic resonance imaging for morphology and function without contrast material	5523	5523	Q3	Q3	\$230.56	\$233.01	1.05%
75559	Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging	5524	5524	Q3	Q3	\$497.49	\$481.53	-3.31%
75561	Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences	5572	5572	Q3	Q3	\$385.88	\$381.81	-1.07%
75563	Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences; with stress imaging	5573	5573	Q3	Q3	\$691.75	\$680.74	-1.62%
75565 +	Cardiac magnetic resonance imaging for velocity flow mapping; add on code	NA	NA	N	N	Packaged into APC rate	Packaged into APC rate	0%
75571	Computed tomography, heart, without contrast material, with quantitative evaluation of coronary calcium	5521	5521	Q1	Q1	\$62.30	\$79.80	21.93%
75572	Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morphology (including 3D image postprocessing, assessment of cardiac function, and evaluation of venous structures, if performed)	5571	5571	S	S	\$201.74	\$182.20	-10.72%
75573	Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morphology in the setting of congenital heart disease (including 3D image postprocessing, assessment of LV cardiac function, RV structure and function and evaluation of venous structures, if performed)	5571	5571	S	S	\$201.74	\$182.20	-10.72%
75574	Computed tomographic angiography, heart, coronary arteries and bypass grafts (when present), with contrast material, including 3D image postprocessing (including evaluation of cardiac structure and morphology, assessment of cardiac function, and evaluation of venous structures, if performed)	5571	5571	S	S	\$201.74	\$182.20	-10.72%

CPT / HCPCS Code	Description	APC		Status Indicator		Payment Rates		
		3Q 2019	2020-Final	3Q 2019	2019-Final	3Q 2019	2020-Final	% Change
78451	Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic)	5593	5593	S	S	\$1,229.38	\$1,272.05	3.47%
78452	Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or rest reinjection	5593	5593	S	S	\$1,229.38	\$1,272.05	3.47%
78453	Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic)	5593	5593	S	S	\$1,229.38	\$1,272.05	3.47%
78454	Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or rest reinjection	5593	5593	S	S	\$1,229.38	\$1,272.05	3.47%
78459	Myocardial imaging, positron emission tomography (PET), metabolic evaluation REVISED FOR 2020 Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion(s), and/or ejection fraction(s), when performed) single study	5593	5593	S	S	\$1,229.38	\$1,272.05	3.47%
●78429	Myocrd img pet 1 std w/ct NEW FOR 2020 Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion(s), and/or ejection fraction(s), when performed) single study; with concurrently acquired computed tomography transmission scan	New	5594	New	S	New 2020	\$1,443.00	New 2020
78472	Cardiac blood pool imaging, gated equilibrium; planar, single study at rest or stress (exercise and/or pharmacologic), wall motion study plus ejection fraction, with or without additional quantitative processing (or assessment of cardiac function by first pass technique, use 78496)	5591	5591	S	S	\$353.49	\$368.08	4.13%
78473	Cardiac blood pool imaging, gated equilibrium; multiple studies, wall motion study plus ejection fraction, at rest and stress (exercise and/or pharmacologic), with or without additional quantification	5591	5591	S	S	\$353.49	\$368.08	4.13%
78481	Cardiac blood pool imaging (planar), first pass technique; single study, at rest or with stress (exercise and/or pharmacologic), wall motion study plus ejection fraction, with or without quantification	5592	5592	S	S	\$455.52	\$471.93	3.60%
78483	Cardiac blood pool imaging (planar), first pass technique; multiple studies, at rest and with stress (exercise and/or pharmacologic), wall motion study plus ejection fraction, with or without quantification	5592	5592	S	S	\$455.52	\$471.93	3.60%

CPT / HCPCS Code	Description	APC		Status Indicator		Payment Rates		
		3Q 2019	2020-Final	3Q 2019	2019-Final	3Q 2019	2020-Final	% Change
78491	Myocardial imaging, positron emission tomography (PET), perfusion; single study at rest or stress	5594	5594	S	S	\$1,375.54	\$1,443.00	4.90%
●78430	New FOR 2020 Myocardial imaging, positron emission tomography, perfusion study (including ventricular wall motion(s), and/or ejection fractions(s), when performed); single study, at rest or stress (exercise or pharmacologic), with concurrently acquired computed tomography transmission scan	New	5594	New	S	New 2020	\$1,443.00	New 2020
78492	Myocardial imaging, positron emission tomography (PET), perfusion; multiple studies at rest and/or stress	5594	5594	S	S	\$1,375.54	\$1,443.00	4.90%
●78431	New FOR 2020 Myocardial imaging, positron emission tomography, perfusion study (including ventricular wall motion(s), and/or ejection fractions(s), when performed); multiple studies at rest and stress (exercise or pharmacologic), with concurrently acquired computed tomography transmission scan	New Technology	1522	New	S	New 2020	\$2,250.50	New 2020
●78432	Myocrd img pet 2rtracer NEW FOR 2020 Myocardial imaging, positron emission tomography, combined perfusion with metabolic evaluation study (including ventricular wall motion(s), and/or ejection fraction(s), when performed), dual radiotracer (eg, myocardial viability)	New Technology	1523	New	S	New 2020	\$2,750.50	New 2020
●78433	Myocrd img pet 2rtracer ct NEW FOR 2020 Myocardial imaging, positron emission tomography, combined perfusion with metabolic evaluation study (including ventricular wall motion(s), and/or ejection fraction(s), when performed), dual radiotracer (eg, myocardial viability); with concurrently acquired computed tomography transmission scan	New Technology	1523	New	S	New 2020	\$2,750.50	New 2020
0482T Deleted in 2020	Absolute quantitation of myocardial blood flow, positron emission tomography (PET), rest and stress	N/A	N/A	N	N	Packaged into APC rate	Deleted 2020 see 78835	Deleted in 2020
●78834 add on	Radiopharmaceutical quantification measurement(s) single area (Use in conjunction with 78430, 78832) (Report multiple units of 78835 if quantification is more than 1 day or more than 1 area)	New	SI N	New	N	New 2020	Packaged into APC rate rate is part of new technology payment	Providers should code and bill so costs are realized for future rates
78494	Cardiac blood pool imaging, gated equilibrium, SPECT, at rest, wall motion study plus ejection fraction, with or without quantitative processing	5591	5591	S	S	\$353.49	\$368.08	4.13%
78496 +	Cardiac blood pool imaging, gated equilibrium, single study, at rest, with right ventricular ejection fraction by first pass technique (Use 78496 in conjunction with 78472)	NA	NA	N	N	Packaged into APC rate	Packaged into APC rate	0.00%

CPT / HCPCS Code	Description	APC		Status Indicator		Payment Rates		
		3Q 2019	2020-Final	3Q 2019	2019-Final	3Q 2019	2020-Final	% Change
0331T	Myocardial sympathetic innervation, imaging, planar qualitative assessment	5593	5593	S	S	\$1,229.38	\$1,272.05	3.4%
0332T	Myocardial sympathetic innervation, imaging, planar qualitative and quantitative assessment; with tomographic SPECT	5593	5593	S	S	\$1,229.38	\$1,272.05	3.4%
93017	Cardiovascular stress test using maximal or submaximal treadmill or bicycle exercise, continuous electrocardiographic monitoring, and/or pharmacological stress; tracing only, without interpretation and report	5722	5722	Q1	Q1	\$252.31	\$253.07	0.30%
78800	Radiopharmaceutical localization of tumor or distribution of radiopharmaceutical agent(s): limited area	5591	5591	S	S	\$353.49	\$368.08	4.13%
78803	Radiopharmaceutical localization of tumor or distribution of radiopharmaceutical agent(s): tomographic (SPECT)	5592	5593	S	S	\$455.52	\$1,272.05	64.2%
●78830	Rp loclzj tum spect w/ct 1 NEW FOR 2020 Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s), (includes vascular flow and blood pool imaging when performed); tomographic (SPECT) with concurrently acquired computed tomography (CT) transmission scan for anatomical review, localization and determination/detection of pathology, single area (eg, head, neck, chest, pelvis), single day of imaging	New	5593	New	S	New 2020	1293.33	New 2020
●78831	Rp loclzj tum spect 2 areas REVISED FOR 2020 Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s), (includes vascular flow and blood pool imaging when performed); tomographic (SPECT), minimum 2 areas (eg, pelvis and knees, abdomen and pelvis), single day of imaging, or single area of imaging over 2 or more days (eg, head, neck, chest, pelvis), single day of imaging	New	5593	N/A	S	New 2020	\$1,293.33	New 2020
●78832	Rp loclzj tum spect w/ct 2 NEW FOR 2020 Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s), (includes vascular flow and blood pool imaging when performed); tomographic (SPECT) with concurrently acquired computed tomography (CT) transmission scan for anatomical review, localization and determination/detection of pathology, minimum 2 areas (eg, pelvis and knees, abdomen and pelvis), single day of imaging, or single area of imaging over 2 or more days imaging	New	5594	N/A	S	New 2020	\$1,443.00	New 2020
●78835	Rp quan meas single area NEW FOR 2020 Radiopharmaceutical quantification measurement(s) single area (Use 78835 in conjunction with 78430, 78832) (Report multiple units of 78835 if quantitation is more than 1 day or more than 1 area)	N/A		N/A	N	N/A	Packaged into APC rate	Providers should code and bill so costs are realized for future rates

CPT / HCPCS Code	Description	APC		Status Indicator		Payment Rates		
		3Q 2019	2020-Final	3Q 2019	2019-Final	3Q 2019	2020-Final	% Change
93306	Echocardiography, transthoracic, real-time with image documentation (2D), includes M-mode recording, when performed, complete, with spectral Doppler echocardiography, and with color flow Doppler echocardiography	5524	5524	S	S	\$497.49	\$481.53	-3.3%
93307	Echocardiography, transthoracic, real-time with image documentation (2D), includes M-mode recording, when performed, complete, without spectral or color Doppler echocardiography	5524	5523	S	S	\$497.49	\$233.01	-113.51%
93350	Echocardiography rest and cardiovascular stress test with interpretation and report;	5524	5524	S	S	\$497.49	\$481.53	-3.31%
93351	Echocardiography rest and cv during stress test w/ interpretation & report; inc. electrocardiographic monitoring, with physician supervision	5524	5524	S	S	\$497.49	\$481.53	-3.31%

CPT / HCPCS Code	Description	APC		Status Indicator		Payment Rates		
		3Q 2019	2020-Final	3Q 2019	2019-Final	3Q 2019	2020-Final	% Change
RADIOPHARMACEUTICALS & NUCLEAR MEDICINE RELATED DRUGS		2019 3Q APC	2020 APC	2019 3Q Status Indicator	2020 Status Indicator (SI)	2019 3Q		% Change
A9500	Tc99m sestamibi TECHNETIUM TC-99M SESTAMIBI, DIAGNOSTIC, PER STUDY DOSE, UP TO 40 MILLICURIES	NA	NA	N	N	Packaged into APC rate		
A9502	Tc99m tetrafosmin TECHNETIUM TC-99M TETROFOSMIN, DIAGNOSTIC, PER STUDY DOSE	NA	NA	N	N	Packaged into APC rate		
A9505	TL201 thallium THALLIUM TL-201 THALLOUS CHLORIDE, DIAGNOSTIC, PER MILLICURIE	NA	NA	N	N	Packaged into APC rate		
A9538	Technetium tc-99m pryophosphate, diagnostic, per study dose, up to 25 millicuries	NA	NA	N	N	Packaged into APC rate		
A9526	Nitrogen N-13 ammonia N-13 Ammonia, diagnostic, per study dose, up to 40 millicuries	NA	NA	N	N	Packaged into APC rate		
A9552	F18 fdg FLUORODEOXYGLUCOSE F-18 FDG, DIAGNOSTIC, PER STUDY DOSE, UP TO 45 MILLICURIES	NA	NA	N	N	Packaged into APC rate		
A9555	Rb82 rubidium RUBIDIUM RB-82, DIAGNOSTIC, PER STUDY DOSE, UP TO 60 MILLICURIES	NA	NA	N	N	Packaged into APC rate		
Q9969	Non-HEU Tc-99m Add -On per study dose Tc-99m from non-highly enriched uranium source, full cost recovery add-on, per stud dose	1442	1442	K	K	\$10.00		
A9582	Iobenguane, I-123, diagnostic, per study dose, up to 15 millicuries	NA	NA	N	N	Packaged into APC rate		
J0153	Adenosine injection, per mg	NA	NA	N	N	Packaged into APC rate		
J0280	Aminophyllin up to 250 MG, inj.	NA	NA	N	N	Packaged into APC rate		
J1245	Dipyridamole injection, per 10mg	NA	NA	N	N	Packaged into APC rate		
J2785	Injection, Regadenoson, 0.1 milligrams	NA	NA	N	N	Packaged into APC rate		
Indicator	Service	Status						
K	NonPass-Through Drugs and nonimplantable Biologicals, including Therapeutic Radiopharmaceuticals	Paid under OPPS; separate APC payment.						
N	Items and Services packaged into APC rate	Paid under OPPS; payment is packaged into payment for other services. Therefore, there is no separate APC payment.						
Q1	STVX-Packaged Codes (e.g 93017 separately payable is only item on claim for SDOS)	Paid under OPPS; Addendum B displays APC assignments when services are separately payable. (1) Packaged APC payment if billed on the same date of services as a HCPCS code assigned status indicator "S," "T," "V." (2) In other						
Q3	Codes that may be paid through a composite APC (e.g Ultrasound, MRI, MRA, CT and Cardiac CTA separately payable is only item on claim for SDOS)	Paid under OPPS; Addendum B displays APC assignments when services are separately payable. Addendum M displays composite APC assignments when codes are paid through a composite APC. (1) Composite APC payment based on OPPS composite-specific payment criteria. Payment is packaged into a						
S	Significant Procedure, Not Discounted When Multiple	Significant Procedure, Not Discounted When Multiple						