



2024 REIMBURSEMENT GUIDE

CMS Hospital Outpatient (OPPS) and Ambulatory Surgical Center (ASC) Reimbursement Prospectus

The Centers for Medicare & Medicaid Services (CMS) made significant changes to calendar year 2024 (CY2024) policies and payment levels which impact a number of procedures utilizing Abbott's technology and therapy solutions in the Hospital Outpatient Department (HOPD) and Ambulatory Surgical Center (ASC) settings of care. These changes are compounded by the advance of both new and ongoing payment reform initiatives impacting a majority of U.S. health care facilities. In this prospectus document, Abbott highlights certain payment policies and new payment rates to health care providers who perform services that are now paid differently than in prior years.

On November 2, 2023, CMS released the CY2024 Hospital Outpatient Prospective Payment System (OPPS)/Ambulatory Surgical Center (ASC) Final Rule, effective for services on January 1, 2024.^{3,4}

For 2024, CMS projects a:

- 3.1% increase in total OPPS payments³
- 3.1% increase in total ASC payments⁴

We have provided the following tables based on common billing scenarios for various technologies and procedures. This is intended for illustrative purposes only and is not a guarantee of reimbursement levels or coverage.

Reimbursement can vary based on the specific procedures being performed, and on the Comprehensive Ambulatory Payment Classification (APC) that CMS has created in the HOPD.

Using the CY2024 rules as a reference, Abbott has analyzed the potential impact on payment to individual procedures performed within the HOPD, and in the ASC care setting, which involve our technologies or therapy solutions. We will continue to analyze the potential impact of the changes to CMS payment policies and update this document as necessary.

For more information please visit [Abbott.com](https://www.Abbott.com), or contact Abbott Health Care Economics team at (855) 569-6430 or AbbottEconomics@Abbott.com.

Franchise	Technology	Procedure	Primary APC	CPT# Code	ASC Complexity Adj. CPT# Code	Hospital Outpatient (OPPS)			Ambulatory Surgery Center (ASC)			
						2023 Reimbursement	2024 Reimbursement	% Change	2023 Reimbursement	2024 Reimbursement	% Change	
Electrophysiology (EP)	EP Ablation	Catheter ablation, AV node	5212	93650		\$6,733	\$7,123	5.8%				
		EP study with catheter ablation, SVT	5213	93653		\$23,481	\$22,653	-3.5%				
		EP study and catheter ablation, VT	5213	93654		\$23,481	\$22,653	-3.5%				
		EP study and catheter ablation, treatment of AF by PVI	5213	93656		\$23,481	\$22,653	-3.5%				
	EP Studies	Comprehensive EP study without induction	5212	93619		\$6,733	\$7,123	5.8%				
Cardiac Rhythm Management (CRM)	Implantable Cardiac Monitor (ICM)	ICM implantation		33282		\$8,163						
			5222	33285		\$8,163	\$8,103	-0.7%	\$7,048	\$6,904	-2.0%	
		ICM Removal	5071	33286		\$649	\$671	3.4%	\$338	\$365	8.0%	
	Pacemaker	System Implant or Replacement - Single Chamber (Ventricular)	5223	33207		\$10,329	\$10,185	-1.4%	\$7,557	\$7,223	-4.4%	
		System Implant or Replacement - Dual Chamber	5223	33208		\$10,329	\$10,185	-1.4%	\$7,722	\$7,639	-1.1%	
		Leadless Pacemaker Removal	5183	33275		\$2,979	\$3,040	2.0%			-7.3%	
		Leadless Pacemaker Implant	5224	33274		\$17,178	\$18,585	8.2%			5.4%	
		Battery Replacement - Single Chamber	5222	33227		\$8,163	\$8,103	-0.7%	\$6,410	\$6,297	-1.8%	
		Battery Replacement - Dual Chamber	5223	33228		\$10,329	\$10,185	-1.4%	\$7,547	\$7,465	-1.1%	
	Implantable Cardioverter Defibrillator (ICD)	System Implant or Replacement	5232	33249		\$32,076	\$31,379	-2.2%	\$25,547	\$24,843	-2.8%	
		Battery Replacement - Single Chamber	5231	33262		\$22,818	\$22,482	-1.5%	\$19,382	\$19,146	-1.2%	
		Battery Replacement - Dual Chamber	5231	33263		\$22,818	\$22,482	-1.5%	\$19,333	\$19,129	-1.1%	
	Sub-Q ICD	Insertion of Subcutaneous ICD system	5232	33270		\$32,076	\$31,379	-2.2%	\$25,478	\$25,172	-1.2%	
	Leads Only - Pacemaker, ICD, SICD, CRT	Single lead, Pacemaker, ICD, or SICD	5222	33216		\$8,163	\$8,103	-0.7%	\$5,956	\$5,643	-5.3%	
		CRT	5223	33224		\$10,329	\$10,185	-1.4%	\$7,725	\$7,724	-0.0%	
	Device Monitoring	Programming and Remote Monitoring		5741	0650T		\$35	\$36	2.9%			
				5741	93279		\$35	\$36	2.9%			
	CRT-P	System Implant or Replacement	5224	33208 + 33225	C7539	\$18,672	\$18,585	-0.5%	\$10,262	\$10,985	7.0%	
		Battery Replacement	5224	33229		\$18,672	\$18,585	-0.5%	\$11,850	\$12,867	8.6%	
	CRT-D	System Implant or Replacement	5232	33249 + 33225		\$18,672	\$31,379	-2.2%	\$25,547	\$24,843	-2.8%	
Battery Replacement		5232	33264		\$32,076	\$31,379	-2.2%	\$25,557	\$25,027	-2.1%		
Heart Failure	CardioMEMS	Sensor Implant		C2624								
			5200	33289		\$27,305	\$27,721	1.5%		\$24,713		
	LVAD	Interrogation, in person	5742	93750		\$100	\$92	-8.0%				
Advance care planning		5822	99497		\$76	\$85	11.8%					
Hypertension	Renal Denervation	Renal denervation, unilateral	5192	0338T		\$5,215	\$5,452	4.5%	\$2,327	\$2,526	8.6%	
		Renal denervation, bilateral	5192	0339T		\$5,215	\$5,452	4.5%	\$2,327	\$3,834	64.8%	

NA: There is no established Medicare payment in this setting.

Franchise	Technology	Procedure	Primary APC	CPT# Code	ASC Complexity Adj. CPT# Code	Hospital Outpatient (OPPS)			Ambulatory Surgery Center (ASC)		
						2023 Reimbursement	2024 Reimbursement	% Change	2023 Reimbursement	2024 Reimbursement	% Change
Coronary	PCI Drug Eluting Stents (including FFR/OCT)	DES, with angioplasty; one vessel, with or without FFR and/or OCT	5193	C9600		\$10,615	\$10,493	-1.1%	\$6,489	\$6,706	3.3%
		Two DES, with angioplasty; two vessels, with or without FFR and/or OCT.	5193	C9600		\$10,615	\$10,493	-1.1%	\$6,489	\$6,706	3.3%
		Two DES, with angioplasty; one vessel, with or without FFR and/or OCT	5193	C9600		\$10,615	\$10,493	-1.1%	\$6,489	\$6,706	3.3%
		Two DES, with angioplasty; two major coronary arteries, with or without FFR and/or OCT.	5194	C9600		\$10,615	\$16,725	57.6%	\$9,734	\$10,059	3.3%
	BMS with atherectomy	BMS with atherectomy	5194	92933		\$17,178	\$16,725	-2.6%			
	DES with atherectomy	DES with atherectomy	5194	C9602		\$17,178	\$16,725	-2.6%			
	DES and AMI	DES and AMI		C9606		\$0					
	DES and CTO	DES and CTO	5194	C9607		\$17,178	\$16,725	-2.6%			
	Coronary Angiography and Coronary Physiology (FFR/CFR) or OCT	Coronary angiography	5191	93454		\$2,958	\$3,108	5.1%	\$1,489	\$1,633	9.7%
		Coronary angiography + OCT	5192	93454 + 92978	C7516	\$5,215	\$5,452	4.5%	\$2,327	\$2,526	8.6%
		Coronary angiography in graft	5191	93455		\$2,958	\$3,108	5.1%	\$1,489	\$1,633	9.7%
		Coronary angiography in graft + OCT	5191	93455 + 92978	C7518	\$5,215	\$3,108	-40.4%	\$2,327		
		Coronary angiography in graft + FFR/CFR	5191	93455 + 93571	C7519	\$5,215	\$3,108	-40.4%	\$2,327		
		Coronary angiography with right heart catheterization	5191	93456		\$2,958	\$3,108	5.1%	\$1,489	\$1,633	9.7%
		Coronary angiography with right heart catheterization + OCT	5192	93456 + 92978	C7521	\$5,215	\$5,452	4.5%	\$2,327	\$2,526	8.6%
		Coronary angiography with right heart catheterization + FFR/CFR	5192	93456 + 93571	C7522	\$5,215	\$5,452	4.5%	\$2,327	\$2,526	8.6%
		Coronary angiography in graft with right heart catheterization	5191	93457		\$2,958	\$3,108	5.1%	\$1,489	\$1,633	9.7%
		Coronary angiography in graft with right heart catheterization + FFR/CFR	5191	93457 + 93571		\$5,215	\$3,108	-40.4%	\$0	\$0	
		Coronary angiography with left heart catheterization	5191	93458		\$2,958	\$3,108	5.1%	\$1,489	\$1,633	9.7%
		Coronary angiography with left heart catheterization + OCT	5192	93458 + 92978	C7523	\$5,215	\$5,452	4.5%	\$2,327	\$2,526	8.6%
		Coronary angiography with left heart catheterization + FFR/CFR	5192	93458 + 93571	C7524	\$5,215	\$5,452	4.5%	\$2,327	\$2,526	8.6%
		Coronary angiography in graft with left heart catheterization	5191	93459		\$2,958	\$3,108	5.1%	\$1,489	\$1,633	9.7%
		Coronary angiography in graft with left heart catheterization + OCT	5192	93459 + 92978	C7525	\$5,215	\$5,452	4.5%	\$2,327	\$2,526	8.6%
		Coronary angiography in graft with left heart catheterization + FFR/CFR	5192	93459 + 93571	C7526	\$5,215	\$5,452	4.5%	\$2,327	\$2,526	8.6%
		Coronary angiography with right and left heart catheterization	5191	93460		\$2,958	\$3,108	5.1%	\$1,489	\$1,633	9.7%
		Coronary angiography with right and left heart catheterization + OCT	5192	93460 + 92978	C7527	\$5,215	\$5,452	4.5%	\$2,327	\$2,526	8.6%
		Coronary angiography with right and left heart catheterization + FFR/CFR	5192	93460 + 93571	C7528	\$5,215	\$5,452	4.5%	\$2,327	\$2,526	8.6%

Franchise	Technology	Procedure	Primary APC	CPT± Code	ASC Complexity Adj. CPT± Code	Hospital Outpatient (OPPS)			Ambulatory Surgery Center (ASC)		
						2023 Reimbursement	2024 Reimbursement	% Change	2023 Reimbursement	2024 Reimbursement	% Change
Coronary	Coronary Angiography and Coronary Physiology (FFR/CFR) or OCT	Coronary angiography in graft with right and left heart catheterization	5191	93461		\$2,958	\$3,108	5.1%	\$1,489	\$1,633	9.7%
		Coronary angiography in graft with right and left heart catheterization + FFR/CFR	5192	93461 + 93571	C7529	\$5,215	\$5,452	4.5%	\$2,327	\$2,526	8.6%
Peripheral Vascular	Angioplasty	Angioplasty (Iliac)	5192	37220		\$5,215	\$5,452	4.5%	\$3,074	\$3,275	6.5%
		Angioplasty (Fem/Pop)	5192	37224		\$5,215	\$5,452	4.5%	\$3,230	\$3,452	6.9%
		Angioplasty (Tibial/Peroneal)	5193	37228		\$10,615	\$10,493	-1.1%	\$6,085	\$6,333	4.1%
	Atherectomy	Atherectomy (Iliac)	5194	0238T		\$17,178	\$16,725	-2.7%	\$9,782	\$9,910	1.3%
		Atherectomy (Fem/Pop)	5194	37225		\$10,615	\$16,725	57.6%	\$7,056	\$11,695	65.7%
		Atherectomy (Tibial/Peroneal)	5194	37229		\$17,178	\$16,725	-2.6%	\$11,119	\$11,096	-0.2%
	Stenting	Stenting (Iliac)	5193	37221		\$10,615	\$10,493	-1.1%	\$6,599	\$6,772	2.6%
		Stenting (Fem/Pop)	5193	37226		\$10,615	\$10,493	-1.1%	\$6,969	\$7,029	0.9%
		Stenting (Periph, incl Renal)	5193	37236		\$10,615	\$10,493	-1.1%	\$6,386	\$6,615	3.6%
		Stenting (Tibial/Peroneal)	5194	37230		\$17,178	\$16,725	-2.6%	\$11,352	\$10,735	-5.4%
	Atherectomy and Stenting	Atherectomy and stenting (Fem/Pop)	5194	37227		\$17,178	\$16,725	-2.6%	\$11,792	\$11,873	0.7%
		Atherectomy and stenting (Tibial/Peroneal)	5194	37231		\$17,178	\$16,725	-2.6%	\$11,322	\$11,981	5.8%
	Vascular Plugs	Venous embolization or occlusion	5193	37241		\$10,615	\$10,493	-1.1%	\$5,889	\$6,108	3.7%
		Arterial embolization or occlusion	5194	37242		\$10,615	\$16,725	57.6%	\$6,720	\$11,286	67.9%
		Embolization or occlusion for tumors, organ ischemia, or infarction	5193	37243		\$10,615	\$10,493	-1.1%	\$4,579	\$4,848	5.9%
		Embolization or occlusion for arterial or venous hemorrhage or lymphatic extravasation	5193	37244		\$10,615	\$10,493	-1.1%			
Peripheral Vascular	Arterial Mechanical Thrombectomy	Primary arterial percutaneous mechanical thrombectomy; initial vessel	5194	37184		\$10,615	\$16,725	57.6%	\$6,563	\$10,116	54.1%
		Primary arterial percutaneous mechanical thrombectomy; second and all subsequent vessel(s)		37185		Packaged	Packaged		NA	NA	
		Secondary arterial percutaneous mechanical thrombectomy		37186		Packaged	Packaged		NA	NA	
	Arterial Mechanical Thrombectomy with Angioplasty	Primary arterial percutaneous mechanical thrombectomy; initial vessel with angioplasty Iliac	NA	37184 +37220					\$8,100	\$11,754	45.1%
		Primary arterial percutaneous mechanical thrombectomy; initial vessel with angioplasty fem/pop	NA	37184 +37224					\$8,178	\$11,842	44.8%
		Primary arterial percutaneous mechanical thrombectomy; initial vessel with angioplasty tib/pero	NA	37184 +37228					\$9,606	\$13,283	38.3%
	Arterial Mechanical Thrombectomy with Stenting	Primary arterial percutaneous mechanical thrombectomy; initial vessel with stenting Iliac	NA	37184 +37221					\$9,881	\$13,502	36.7%
		Primary arterial percutaneous mechanical thrombectomy; initial vessel with stenting fem/pop	NA	37184 +37226					\$10,251	\$13,631	33.0%
		Primary arterial percutaneous mechanical thrombectomy; initial vessel with stenting tib/pero	NA	37184 +37230					\$14,634	\$15,793	7.9%

Franchise	Technology	Procedure	Primary APC	CPT# Code	ASC Complexity Adj. CPT# Code	Hospital Outpatient (OPPS)			Ambulatory Surgery Center (ASC)		
						2023 Reimbursement	2024 Reimbursement	% Change	2023 Reimbursement	2024 Reimbursement	% Change
Peripheral Vascular	Venous Mechanical Thrombectomy	Venous percutaneous mechanical thrombectomy, initial treatment	5193	37187		\$10,615	\$10,493	-1.1%	\$7,321	\$7,269	-0.7%
		Venous percutaneous mechanical thrombectomy, repeat treatment on subsequent day	5183	37188		\$2,979	\$3,040	2.0%	\$2,488	\$2,568	3.2%
	Venous Mechanical Thrombectomy with Angioplasty	Venous percutaneous mechanical thrombectomy, initial treatment with angioplasty	NA	37187 + 37248					\$8,485	\$8,532	0.6%
	Venous Mechanical Thrombectomy with Stenting	Venous percutaneous mechanical thrombectomy, initial treatment with stenting	NA	37187 + 37238					\$10,551	\$10,619	0.6%
	Dialysis Circuit Thrombectomy	Percutaneous mechanical thrombectomy, dialysis circuit	5192	36904		\$5,215	\$5,452	4.5%	\$3,071	\$3,223	4.9%
		Percutaneous mechanical thrombectomy, dialysis circuit, with angioplasty	5193	36905		\$10,615	\$10,493	-1.1%	\$5,907	\$6,106	3.4%
		Percutaneous mechanical thrombectomy, dialysis circuit, with stent	5194	36906		\$17,178	\$16,725	-2.6%	\$11,245	\$11,288	0.4%
	Thrombolysis	Transcatheter arterial thrombolysis treatment, initial day	5184	37211		\$5,140	\$5,241	2.0%	\$3,395	\$3,658	7.7%
		Transcatheter venous thrombolysis treatment, initial day	5183	37212		\$2,979	\$3,040	2.0%	\$1,444	\$1,964	36.0%
		Transcatheter arterial or venous thrombolysis treatment, subsequent day	5183	37213		\$2,979	\$3,040	2.0%			
		Transcatheter arterial or venous thrombolysis treatment, final day	5183	37214		\$2,979	\$3,040	2.0%			
	Structural Heart	PFO Closure	ASD/PFO closure	5194	93580		\$17,178	\$16,725	-2.6%		
ASD		ASD/PFO closure	5194	93580		\$17,178	\$16,725	-2.6%			
VSD		VSD closure	5194	93581		\$17,178	\$16,725	-2.6%			
PDA		PDA closure	5194	93582		\$17,178	\$16,725	-2.6%			
Chronic Pain	Spinal Cord Stimulation and DRG Stimulation	Single Lead Trial: percutaneous	5462	63650		\$6,604	\$6,523	-1.2%	\$4,913	\$4,952	0.8%
		Dual Lead Trial: percutaneous	5462	63650		\$6,604	\$6,523	-1.2%	\$9,826	\$9,904	0.8%
		Surgical Lead Trial	5464	63655		\$21,515	\$20,865	-3.0%	\$17,950	\$17,993	0.2%
		Full System - Single lead - Percutaneous	5465	63685		\$29,358	\$29,617	0.9%	\$29,629	\$30,250	2.1%
		Full System - Dual Lead - Percutaneous	5465	63685		\$29,358	\$29,617	0.9%	\$34,542	\$35,202	1.9%
		Full System IPG - Laminectomy	5465	63685		\$29,358	\$29,617	0.9%	\$42,666	\$43,291	1.5%
		IPG implant or replacement	5465	63685		\$29,358	\$29,617	0.9%	\$24,716	\$25,298	2.4%
		Single lead	5462	63650		Packaged	Packaged		\$4,913	\$4,952	0.8%
		Dual lead	5462	63650		Packaged	Packaged		\$4,913	\$4,952	0.8%
	Analysis of IPG, Simple Programming	5742	95971		\$100	\$92	-8.0%				
	Peripheral Nerve Stimulation	Full System - Single lead - Percutaneous	5464	64590		\$21,515	\$20,865	-3.0%	\$19,333	\$19,007	-1.7%
			5462	64555		\$6,604	\$6,523	-1.2%	\$5,596	\$5,620	0.4%
		Full System - Dual Lead - Percutaneous	5464	64590		\$21,515	\$20,865	-3.0%	\$19,333	\$19,007	-1.7%
			5462	64555		\$6,604	\$6,523	-1.2%	\$5,596	\$5,620	0.4%
		IPG replacement	5464	64590		\$21,515	\$20,865	-3.0%	\$19,333	\$19,007	-1.7%

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						2023 Reimbursement	2024 Reimbursement	% Change	2023 Reimbursement	2024 Reimbursement	% Change
Chronic Pain	RF Ablation	Cervical Spine / Thoracic Spine	5431	64633		\$1,798	\$1,842	2.4%	\$854	\$898	5.2%
		Lumbar Spine	5431	64635		\$1,798	\$1,842	2.4%	\$854	\$898	5.2%
		Other Peripheral Nerves	5443	64640		\$852	\$869	2.0%	\$172	\$173	0.6%
		Radiofrequency Ablation	5431	64625		\$1,798	\$1,842	2.4%	\$854	\$898	5.2%
Movement Disorders	DBS	IPG Placement - Single Array	5464	61885		\$21,515	\$20,865	-3.0%	\$19,686	\$19,380	-1.6%
		IPG Placement - Two Single Array IPGs	5464	61885		\$21,515	\$20,865	-3.0%	\$19,686	\$19,380	-1.6%
			5464	61885		\$21,515	\$20,865	-3.0%	\$19,686	\$19,380	-1.6%
		IPG Placement - Dual Array	5465	61886		\$29,358	\$29,617	0.9%	\$24,824	\$25,340	2.1%
		Analysis of IPG, No Programming	5734	95970		\$116	\$122	5.2%			
		Analysis of IPG, Simple Programming; first 15 Min	5742	95983		\$100	\$92	-8.0%			
	Analysis of IPG, Simple Programming; additional 15 Min		95984		\$0						

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Sources:

- Hospital Outpatient Prospective Payment-Final Rule with Comment CY2024: <https://www.cms.gov/medicare/payment/prospective-payment-systems/hospital-outpatient/regulations-notices/cms-1786-fc>
- Ambulatory Surgical Center Payment-Final Rule CY2024 Payment Rates: <https://www.cms.gov/medicare/payment/prospective-payment-systems/ambulatory-surgical-center-asc/asc-regulations-and/cms-1786-fc>
- Hospital Outpatient Prospective Payment-Final Rule with Comment CY2023: <https://www.cms.gov/httpswwwcmsgovmedicaremedicare-fee-service-paymenthospitaloutpatientppshospital-outpatient/cms-1772-fc>
- Ambulatory Surgical Center Payment-Final Rule CY2023 Payment Rates: <https://www.cms.gov/medicaremedicare-fee-service-paymentascpaymentasc-regulations-and-notices/cms-1772-fc>

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