

Reimbursement Information 2024



Questions regarding reimbursement for Lantheus products?

Email: reimbursement@lantheus.com

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Please see Indications and Important Safety Information on [page 9](#) and read the accompanying full [Prescribing Information](#), including Boxed **WARNING** regarding serious cardiopulmonary reactions, also available at DEFINITYImaging.com.

1. Basic Reimbursement Background and Settings

CPT® – Current Procedural Terminology

- American Medical Association’s five-digit numeric codes used to report medical procedures and services.

HCPCS - Healthcare Common Procedure Coding System

- Level I HCPCS codes are American Medical Association’s Current Procedural Terminology (CPT).
- Level II HCPCS codes are alphanumeric five-digit codes primarily used to identify contrast agents, radiopharmaceuticals, supplies and devices.

HCPCS code for DEFINITY®

- Q9957 Injection, perflutren lipid microspheres, per mL.
- There are two units per vial of DEFINITY®.

C-codes

- Unique, temporary HCPCS codes created by Medicare and used only for hospital outpatients. This is often done when no other appropriate code exists.

Q-codes

- Temporary codes created by Medicare to identify items not assigned a CPT code. Many drugs, supplies and biologicals are assigned Q codes.

NDC codes – National Drug Code

- A unique numeric code to identify drugs. The first segment of numbers identifies the labeler or manufacturer, the second segment identifies the product and the third identifies the package.

NDC codes DEFINITY®

- DEFINITY® 4 vial kit: NDC # 11994 011 04
- DEFINITY® 16 vial kit: NDC # 11994 011 16

Echocardiography codes^{1,2}

- **CPT 93306 – TTE “rest” echo complete**
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.
- **HCPCS C8929 TTE “rest” echo complete with contrast**
Transthoracic echocardiography with contrast, or without contrast followed by with contrast, real-time with image documentation (2D), includes M-mode recording, when performed, complete, with spectral Doppler echocardiography, and with color flow Doppler echocardiography.
- **HCPCS C8929 - AMA “short descriptor”**
Transthoracic echocardiography with contrast, or without contrast followed by with contrast, and with color flow Doppler echocardiography

JW modifier - The JW modifier is not required for packaged drugs such as DEFINITY® for Medicare Hospital Outpatients.

Lantheus cannot guarantee coverage or payment for products or procedures. Payer policies can vary widely. For more specific information contact the payer directly in order to obtain up to date coverage, coding and payment information.

This information is provided as a courtesy for informational purposes only and is not intended to be, and should not be interpreted as, reimbursement or billing advice.

2. DEFINITY® Hospital Outpatient Setting and APC Payments³

Hospitals must bill for the appropriate C-code when reporting an echo with DEFINITY® in order to receive the packaged payment for DEFINITY®.

- If a C-code is not billed there will be no payment for contrast.
- Q9957 is not paid as a separate item.

When billing echo procedures:

- Report the appropriate C-code for an echo with contrast or the appropriate CPT code for an echo without contrast.
- Do not report both.
- When using DEFINITY®, hospitals should report Q9957 two units per vial.
- It is not paid separately but this allows Medicare to collect cost and charge data in order to set future payments.

APCs ECHO PROCEDURES - WITHOUT CONTRAST³

APC 5523

Level 3 Imaging Without Contrast

93307 TTE complete w/o Doppler and color flow
 93308 TTE follow up or limited
 (66 total imaging procedure codes in APC 5523)

APC 5524

Level 4 Imaging Without Contrast

93303 TTE congenital, complete
 93304 TTE congenital follow up or limited
 93306 TTE complete with Doppler and color flow
 93312 TEE include placement, acq, inter, report
 93313 TEE placement only
 93315 TEE cong, placement, acq, inter, report
 93316 TEE congenital placement only
 93318 TEE monitor, placement, acq, inter
 93350 Stress TTE (w/o ECG monitoring)
 93351 Stress TTE (includes ECG monitoring)
 (20 total imaging procedure codes in APC 5524)

0439T, 93319 and 93356 are packaged by Medicare and there is no separate payment for hospital outpatients.

APCs ECHO PROCEDURES - WITH CONTRAST³

APC 5572

Level 2 Imaging With Contrast

C8924 TTE follow up or limited with contrast
 (62 total imaging with contrast codes in APC 5572)

APC 5573

Level 3 Imaging With Contrast

C8921 TTE congenital complete with contrast
 C8922 TTE congenital follow up or limited with contrast
 C8923 TTE complete w/o Doppler, CF with contrast
 C8925 TEE placement, acq, inter, report with contrast
 C8926 TEE congenital placement, image, inter, report with contrast
 C8927 TEE monitor, placement, acq, inter, w/contrast
 C8928 Stress TTE (no ECG monitoring) with contrast
 C8929 TTE comp. with Dop., color flow with contrast
 C8930 Stress TTE (with ECG monitoring) with contrast
 (22 total Imaging with contrast codes in APC 5573)

For complete code descriptors see [page 8](#)

3. Claim Form

1 Anytown Hospital 100 Main St Anytown Anystate										2		3a PAT. CNTL. # b. MED. REC. #		4 TYPE OF BILL																											
8 PATIENT NAME a Doe, John					9 PATIENT ADDRESS a 123 Maple Ave					5 FED. TAX NO.		6 STATEMENT COVERS PERIOD FROM THROUGH		7																											
10 BIRTHDATE xx/xx/1940		11 SEX		12 DATE		13 HR		14 TYPE		15 SRC		16 DHR		17 STAT		18		19		20		21		22		23		24		25		26		27		28		29 ACCT STATE		30	
31 OCCURRENCE DATE		32 OCCURRENCE DATE		33 OCCURRENCE DATE		34 OCCURRENCE DATE		35 CODE		OCCURRENCE SPAN FROM THROUGH		36 CODE		OCCURRENCE SPAN FROM THROUGH		37																									
38										39 VALUE CODES CODE AMOUNT		40 VALUE CODES CODE AMOUNT		41 VALUE CODES CODE AMOUNT																											
42 REV. CD.		43 DESCRIPTION				44 HCPCS / RATE / HIPPS CODE				45 SERV. DATE		46 SERV. UNITS		47 TOTAL CHARGES		48 NON-COVERED CHARGES		49																							
1		TTE echo complete with contrast				C8929				01/05/2022		1		xx xx																											
2		peflutren lipid microspheres				Q9957				01/05/2022		2		xx xx																											
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50 PAYER NAME A Medicare					51 HEALTH PLAN ID					52 REL. INFO		53 ASG. BEN.		54 PRIOR PAYMENTS		55 EST. AMOUNT DUE		56 NPI																							
B																57 OTHER																									
C																PRV ID																									
A					58 INSURED'S NAME					59 P. REL.		60 INSURED'S UNIQUE ID		61 GROUP NAME		62 INSURANCE GROUP NO.																									
B																																									
C																																									
A					63 TREATMENT AUTHORIZATION CODES					64 DOCUMENT CONTROL NUMBER					65 EMPLOYER NAME																										
B																																									
C																																									
66 DX		67		A		B		C		D		E		F		G		H		68																					
I		J		K		L		M		N		O		P		Q																									
69 ADMIT CODE		70 PATIENT REASON DX		a		b		c		71 PPS CODE		72 ECI		73																											
74 PRINCIPAL PROCEDURE CODE		DATE		OTHER PROCEDURE CODE		DATE		OTHER PROCEDURE CODE		DATE		75		76 ATTENDING NPI		QUAL		FIRST																							
c.		OTHER PROCEDURE DATE		d.		OTHER PROCEDURE DATE		e.		OTHER PROCEDURE DATE				LAST				FIRST																							
77 OPERATING NPI		QUAL		FIRST										78 OTHER NPI		QUAL		FIRST																							
79 OTHER NPI		QUAL		FIRST										LAST				FIRST																							
80 REMARKS		81 CC		a		b		c		d				LAST				FIRST																							

C-code must be billed in order to obtain reimbursement for the contrast agent combined with the echo procedure. Q9957 will not be paid as a separate line item

Q-code identifies which contrast agent was used.

4. Complete code descriptors. Without contrast left column, with contrast right column

Echo without contrast ¹			Echo with contrast ²		
93303	Transthoracic echocardiography for congenital cardiac anomalies; complete	↔	C8921	Transthoracic echocardiography with contrast, or without contrast followed by with contrast, for congenital cardiac anomalies; complete	
93304	Transthoracic echocardiography for congenital cardiac anomalies; follow-up or limited study	↔	C8922	Transthoracic echocardiography with contrast, or without contrast followed by with contrast, for congenital cardiac anomalies; follow-up or limited study	
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	↔	C8929	Transthoracic echocardiography with contrast, or without contrast followed by with contrast, real-time with image documentation (2D), includes M-mode recording, when performed, complete, with spectral Doppler echocardiography, and with color flow Doppler echocardiography	
93307	Echocardiography, transthoracic, real-time, with image documentation (2D), includes M-mode recording, when performed, complete, without spectral or color Doppler echocardiography	↔	C8923	Transthoracic echocardiography with contrast, or without contrast followed by with contrast, real-time with image documentation (2D), includes M-mode recording, when performed, complete, without spectral or color Doppler echocardiography	
93308	Echocardiography, transthoracic, real-time, with image documentation (2D), includes M-mode recording, when performed, follow-up or limited study	↔	C8924	Transthoracic echocardiography with contrast, or without contrast followed by with contrast, real-time with image documentation (2D), includes M-mode recording, when performed, follow-up or limited study	
93312	Echocardiography, transesophageal, real-time with image documentation (2D) (with or without M-mode recording); including probe placement, image acquisition, interpretation and report	↔	C8925	Transesophageal echocardiography (TEE) with contrast, or without contrast followed by with contrast, real-time with image documentation (2D) (with or without M-mode recording); including probe placement, image acquisition, interpretation and report	
93315	Transesophageal echocardiography for congenital cardiac anomalies; including probe placement image acquisition, interpretation and report	↔	C8926	Transesophageal echocardiography (TEE) with contrast, or without contrast followed by with contrast, for congenital cardiac anomalies; including probe placement, image acquisition, interpretation and report	
93318	Echocardiography, transesophageal (TEE) for monitoring purposes, including probe placement, real-time 2 - dimensional image acquisition and interpretation leading to ongoing (continuous) assessment of (dynamically changing) cardiac pumping function and to therapeutic measures on an immediate time basis	↔	C8927	Transesophageal echocardiography (TEE) with contrast, or without contrast followed by with contrast, for monitoring purposes, including probe placement, real-time 2-dimensional image acquisition and interpretation leading to ongoing (continuous) assessment of (dynamically changing) cardiac pumping function and to therapeutic measures on an immediate time basis	
93350	Echocardiography, transthoracic, real-time with image documentation (2D), includes M-mode recording, when performed, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress, with interpretation and report	↔	C8928	Transthoracic echocardiography with contrast, or without contrast followed by with contrast, real-time with image documentation (2D), includes M-mode recording, when performed, during rest and cardiovascular stress test using treadmill bicycle exercise and or pharmacologically induced stress, with interpretation and report	
93351	Echocardiography, transthoracic, real-time with image documentation (2D), includes M-mode recording, when performed, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress, with interpretation and report; including performance of continuous electrocardiographic monitoring, with supervision by a physician or other qualified health care professional.	↔	C8930	Transthoracic echocardiography, with contrast, or without contrast followed by with contrast, real-time with image documentation (2D), includes M-mode recording, when performed, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress, with interpretation and report; including performance of continuous electrocardiographic monitoring, with physician supervision	
93356	Myocardial strain imaging using speckle tracking-derived assessment of myocardial mechanics (List separately in addition to codes for echocardiography imaging) Add on code. Use in conjunction with 93303, 93304, 93306, 90337, 93308, 93350, 93351. Report once per session.		NA		
NA			0439T	Myocardial perfusion contrast echocardiography, at rest or with stress, for assessment of myocardial ischemia or viability. (List separately in addition to code for primary procedure) Sunset January, 2023. (Use 0439T in conjunction with 93306, 90337, 93308 93350, 93351)	

5. Indications, Contraindications and Important Safety Information

INDICATIONS

DEFINITY® is indicated, after activation, for use in adult and pediatric patients with suboptimal echocardiograms to opacify the left ventricular chamber and to improve the delineation of the left ventricular endocardial border.

CONTRAINDICATIONS

DEFINITY® is contraindicated in patients with known or suspected hypersensitivity to perflutren lipid microsphere or its components, such as polyethylene glycol (PEG) [see *Warnings and Precautions (5.2) and Description (11)*].

IMPORTANT SAFETY INFORMATION

WARNING: SERIOUS CARDIOPULMONARY REACTIONS

Serious cardiopulmonary reactions, including fatalities, have occurred uncommonly during or following perflutren-containing microsphere administration. Most serious reactions occur within 30 minutes of administration.

- Assess all patients for the presence of any condition that precludes DEFINITY® administration [see *Contraindications (4)*].
- Always have resuscitation equipment and trained personnel readily available [see *Warnings and Precautions (5.1)*].

In postmarketing use, rare but serious cardiopulmonary or hypersensitivity reactions have been reported during or shortly following perflutren and PEG-containing microsphere administration [see *Adverse Reactions (6)*]. The risk for these reactions may be increased among patients with unstable cardiopulmonary conditions and/or with pre-existing PEG hypersensitivity [see *Adverse Reactions (6.2)*]. It is not always possible to reliably establish a causal relationship to drug exposure due to the presence of underlying conditions.

Patients with sickle cell disease may be at higher risk of painful crisis and DEFINITY® should be administered with caution.

Please read the accompanying full Prescribing Information, including Boxed **WARNING** regarding serious cardiopulmonary reactions, also available at DEFINITYImaging.com.

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