

**LUMASON®**

(sulfur hexafluoride lipid-type A microspheres)  
for injectable suspension, for intravenous  
use or intravesical use

**VISUALLY DECISIVE**

# 2025 REIMBURSEMENT RESOURCE KIT IDTF

INDEPENDENT DIAGNOSTIC TESTING FACILITIES

March 2025

## DISCLAIMERS

The information provided here is general reimbursement information for LUMASON. It is not legal advice, nor is it advice about how to code, complete, or submit any particular claim for payment. Although we supply this information based on our current knowledge, it is always the provider's responsibility to determine and submit appropriate codes, charges, modifiers, and bills for the services that were rendered. This coding and reimbursement information is subject to change without notice. Payers or their local branches may have their own coding and reimbursement requirements and policies. Before filing any claims, providers should verify current requirements and policies with the payer.

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**LUMASON® (sulfur hexafluoride lipid-type A microspheres) for injectable suspension, for intravenous use or intravesical use****Indications**

LUMASON® (sulfur hexafluoride lipid-type A microspheres) for injectable suspension, for intravenous use or intravesical use is an ultrasound contrast agent indicated for use:

- in echocardiography to opacify the left ventricular chamber and to improve the delineation of the left ventricular endocardial border in adult and pediatric patients with suboptimal echocardiograms
- in ultrasonography of the liver for characterization of focal liver lesions in adult and pediatric patients
- in ultrasonography of the urinary tract for the evaluation of suspected or known vesicoureteral reflux in pediatric patients

**IMPORTANT SAFETY INFORMATION****WARNING: SERIOUS CARDIOPULMONARY REACTIONS**

Serious cardiopulmonary reactions, including fatalities, have occurred uncommonly during or following the injection of ultrasound contrast agents, including sulfur hexafluoride lipid microspheres. Most serious reactions occur within 30 minutes of administration.

- Assess all patients for the presence of any condition that precludes administration
- Always have resuscitation equipment and trained personnel readily available

**Contraindications**

LUMASON (sulfur hexafluoride lipid-type A microspheres) for injectable suspension, for intravenous use or intravesical use is contraindicated in patients with known or suspected hypersensitivity to sulfur hexafluoride lipid microsphere or its components, such as polyethylene glycol (PEG).

**Warnings**

**Serious cardiopulmonary reactions**, including fatalities, have occurred uncommonly during or shortly following administration of ultrasound contrast agents, including LUMASON. Always have cardiopulmonary resuscitation personnel and equipment readily available prior to LUMASON administration and monitor all patients for acute reactions.

Post-marketing **hypersensitivity reactions**, including serious hypersensitivity reactions, have been observed during use or shortly following LUMASON administration. These reactions may occur in patients with no history of prior exposure to sulfur hexafluoride lipid-containing microspheres. LUMASON contains PEG. There may be increased risk of serious reactions including death in patients with prior hypersensitivity reaction(s) to PEG.

**Systemic embolization** may occur in patients with cardiac shunts. Assess patients with cardiac shunts for embolic phenomena following LUMASON administration.

There is a risk of **ventricular arrhythmia related to high mechanical index** in patients administered LUMASON. LUMASON is not recommended for use at mechanical indices greater than 0.8.

The most common adverse reactions (incidence  $\geq 0.5\%$ ) are headache (1%) and nausea (0.5%).

**You are encouraged to report negative side effects of prescription drugs to the FDA. Visit [www.fda.gov/medwatch](http://www.fda.gov/medwatch) or call 1-800-FDA-1088.**

**Please click [here](#) for full Prescribing Information for LUMASON ultrasound contrast agent, including BOXED WARNING on Serious Cardiopulmonary Reactions.**

LUMASON is manufactured for Bracco Diagnostics Inc., Princeton, NJ 08540 by Bracco Suisse S.A., Plan-les-Ouates Geneve, Switzerland (LUMASON lyophilized powder vial-25 mg lipid-type A/60.7 sulfur hexafluoride gas); Vetter Pharma-Fertigung GmbH & Co. KG, 88212 Ravensburg, Germany (Sodium Chloride 0.9% Injection, USP) or Bracco Imaging S.p.A. Via Ribes, 5, 10010 Collioretto Giacosa (TO), Italy (0.9% Sodium Chloride Injection, USP); B. Braun Melsungen AG 34212 Melsungen, Germany (Mini-Spike).

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**LUMASON® is the only ultrasound enhancing agent (UEA) with 3 indications¹**

- ✓ Echocardiography to opacify the left ventricular chamber and to improve the delineation of the left ventricular endocardial border in adult and pediatric patients with suboptimal echocardiograms.
- ✓ Ultrasonography of the liver for the characterization of focal liver lesions in adult and pediatric patients.
- ✓ Ultrasonography of the urinary tract for the evaluation of suspected or known vesicoureteral reflux in pediatric patients.



**All-inclusive portable kit**



**20 vials & 20 spike pack**

**CPT® (Current Procedural Terminology)**

Codes used to report the service or procedure performed.

**HCPCS (Healthcare Common Procedure Coding System)**

Codes used to report the provision of supplies, materials, injections, and certain services and procedures. For example, the HCPCS code for LUMASON ultrasound enhancing agent (UEA) is Q9950.

**C-codes**

Unique, temporary HCPCS codes created by Medicare and used for HOPPS only. This is often done when no other appropriate code exists. An example of this is the C-code series in echocardiography, which are described on page 8.

**Coding Modifiers**

Under HOPPS, LUMASON UEA is not separately reimbursable, and therefore the JZ and JW Modifiers do not apply under this billing system. They are required for independent imaging centers billing under the Medicare Physician Fee Schedule.

**ICD-10 (International Classification of Disease)**

Codes used to describe a patient's signs and symptoms that would represent a medically necessary reason for performing the procedure. ICD-10 codes need to be entered on the claim form. ICD-10 is the 10th revision of the International Statistical Classification of Diseases and Related Health Problems (ICD), a medical classification list by the World Health Organization (WHO).

**APC (Ambulatory Payment Classification)**

In most cases, the unit of payment under the HOPPS is the APC. CMS assigns individual services HCPCS & CPT codes to APCs based on similar clinical characteristics and similar costs. The payment rate and copayment calculated for an APC apply to each service within the APC.

**NDC (National Drug Code)**

An NDC code provides a unique identifier for a specific drug. The NDC for LUMASON ultrasound enhancing agent is: 00270-7099-16.

**Medicare Addendum B**

These files are updated quarterly and reflect HOPPS payment rates for HCPCS codes and APC codes.

<https://www.cms.gov/medicare/payment/prospective-payment-systems/hospital-outpatient/addendum-a-b-updates>.

**Medicare Part B ASP (average selling price) file**

Quarterly payment files are published for Independent Diagnostic Testing Facilities (IDTFs) and physician offices. This is where the payment value for LUMASON (Q9950) can be found: <https://www.cms.gov/medicare/payment/part-b-drugs/asp-pricing-files>.

**Medicare Physician Fee Schedule (MPFS)**

Find out physician payment for specific geographic locations in the country for different procedures. This schedule provides: global (G), technical (TC), and professional (26) component payment rates. To find out more information on specific locations visit: <https://www.cms.gov/medicare/physician-fee-schedule/search/overview>.

**Q9950<sup>2</sup>:** LUMASON ultrasound enhancing agent (UEA)

1 vial = 5 mL

Billing unit is per mL, not by vial or doses

**Medicare Patients:** LUMASON UEA is paid separately under MPFS and is separately reimbursed. Please code separately with the echocardiography and radiology procedure codes

**Commercially insured patients:** The provider must contact their respective insurance providers to include Q9950 and establish a reimbursement value.

**Medicaid Patients:** Medicaid coverage varies by state, please consult your local Medicaid office to find the policies in your area. Bracco does not participate in the Medicaid rebate program.

**Procedure Codes:** Echocardiography: 933xx series and C-8921-30 code series.<sup>2,3</sup> Please see pages 8 and 10 for a complete list.

**Please note: C-codes are a unique set of codes established by CMS with the intended purpose of being used exclusively for Medicare patients in the Hospital Outpatient Setting. However, many commercial plans will accept the C-codes in non-hospital facilities as well. Please consult with individual plans to find out the most appropriate way to bill for your patients.**



## Sample health insurance claim form CMS-1500

### Echocardiography with contrast

**HEALTH INSURANCE CLAIM FORM**  
APPROVED BY NATIONAL UNIFORM CLAIM COMMITTEE (NUCC) 02/12

**Form Locator 24D. (HCPCS/Rates/HIPPS Code)**  
Enter CPT® or HCPCS code for procedure and radiopharmaceutical  
93306 Echocardiography  
Q9950 LUMASON®

**Form Locator 24G. (Units of Service)**  
Enter number of units based on the HCPCS descriptor

**JW Modifier:** Discarded drug not administered, wastage  
**JZ Modifier:** Zero drug wasted

**Bracco Diagnostics Inc. cannot guarantee coverage or payment for products or procedures at any particular level. For more specific information, please contact your Medicare contractor or the patient's insurer.**

**Clear Form**

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Please see Important Safety Information, including BOXED WARNING, on page 2.

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# 2025 MEDICARE PHYSICIAN FEE SCHEDULE

## NATIONAL AVERAGE PAYMENT RATES

### Echocardiography CPT® codes<sup>2</sup> for adult and pediatric patients

CPT code <sup>2</sup>	Long-description CPT	Modifier	MPFS National Payment Rate <sup>4</sup>
<b>93303</b>	Echo transthoracic	G	\$208.63
		TC	\$150.41
		26	\$58.22
<b>93304</b>	Echo transthoracic	G	\$146.85
		TC	\$113.21
		26	\$33.64
<b>93306</b>	Tte w/doppler complete	G	\$187.93
		TC	\$122.59
		26	\$65.34
<b>93307</b>	Tte w/o doppler complete	G	\$131.00
		TC	\$89.60
		26	\$41.40
<b>93308</b>	Tte f-up or lmted	G	\$94.45
		TC	\$70.84
		26	\$23.61
<b>93312</b>	Echo transesophageal	G	\$225.46
		TC	\$124.53
		26	\$100.92
<b>93313</b>	Echo transesophageal	G	\$10.67
<b>93314</b>	Echo transesophageal	G	\$215.75
		TC	\$131.00
		26	\$84.75
<b>93315</b>	Echo transesophageal	26	\$119.04

CPT code <sup>2</sup>	Long-description CPT	Modifier	MPFS National Payment Rate <sup>4</sup>
<b>93316</b>	Echo transesophageal	26	\$24.26
<b>93317</b>	Echo transesophageal	26	\$83.78
<b>93318</b>	Echo transesophageal intraop	26	\$97.25
<b>93319</b>	3d echo img cgen car anomal	G	\$52.08
<b>93320</b>	Doppler echo exam heart	G	\$23.94
		TC	\$17.14
		26	\$6.79
<b>93321</b>	Doppler echo exam heart	G	\$22.00
		TC	\$19.08
		26	\$2.91
<b>93325</b>	Doppler color flow add-on	G	\$22.00
		TC	\$19.08
		26	\$2.91
<b>93350</b>	Stress tte only	G	\$182.06
		TC	\$115.91
		26	\$66.14
<b>93351</b>	Stress tte complete	G	\$222.54
		TC	\$144.27
		26	\$78.28
<b>93352</b>	Admin ecg contrast agent	G	\$33.96
<b>93355</b>	Echo transesophageal (tee)	G	\$213.49
<b>93356</b>	Myocrd strain img spckl trck	G	\$35.26

# 2025 MEDICARE PHYSICIAN FEE SCHEDULE NATIONAL AVERAGE PAYMENT RATES (cont'd)

## Radiology – Liver and Urinary Tract

### Ultrasonography of the liver and urinary tract for vesicoureteral reflux<sup>2</sup>

CPT® code	Description	Modifier	MPFS National Payment Rate <sup>4</sup>
<b>76978</b>	Ultrasound, targeted dynamic microbubble sonographic contrast characterization (non-cardiac); initial lesion	G	\$188.26
		TC	\$114.51
		26	\$73.75
<b>+76979, add-on code</b>	Ultrasound, targeted dynamic microbubble sonographic contrast characterization (non-cardiac); each additional lesion with separate injection (List separately in addition to code for primary procedure)	G	\$119.68
		TC	\$80.87
		26	\$38.82

## Alternate Coding from the American Medical Association

### Ultrasonography of the urinary tract for vesicoureteral reflux<sup>5</sup>

CPT® code	Description	Modifier	MPFS National Payment Rate <sup>4</sup>
<b>51600</b>	Injection procedure for cystography or voiding urethrocytography	G	\$197.96
<b>74455</b>	Urethrocytography, voiding, radiological supervision and interpretation	G	\$98.33
		TC	\$83.45
		26	\$14.88
<b>74430</b>	Cystography, minimum of 3 views, radiological supervision and interpretation	G	\$40.11
		TC	\$25.55
		26	\$14.56

## LUMASON® Ultrasound Enhancing Agent



Note: LUMASON UEA must be coded separately

HCPCS code <sup>3</sup>	Description	2025 Q1 CMS Average Sales Price*
<b>Q9950</b>	Sulfur hexafluoride lipid microspheres, per mL; there are 5 mL per single-use vial of LUMASON UEA.	\$93.38/vial or \$18.676/mL

\*Average Sales Pricing for drugs changes on a quarterly basis under CMS. For the most up-to-date reimbursement rate, please visit <https://www.cms.gov/medicare/payment/all-fee-service-providers/medicare-part-b-drug-average-sales-price/asp-pricing-files>

## Echocardiography: C-codes

C-codes are a unique set of codes established by CMS with the intended purpose of being used exclusively for Medicare patients in the Hospital Outpatient Setting. However, many commercial plans will accept the C-codes in non-hospital sites as well. Please consult with individual plans to find out the most appropriate way to bill for your patients.

HCPSC code <sup>3</sup>	Long-description HCPSC
<b>C8921</b>	Transthoracic echocardiography with contrast, or without contrast followed by with contrast, for congenital cardiac anomalies; complete
<b>C8922</b>	Transthoracic echocardiography with contrast, or without contrast followed by with contrast, for congenital cardiac anomalies; follow-up or limited study
<b>C8923</b>	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
<b>C8924</b>	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
<b>C8925</b>	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
<b>C8926</b>	Transesophageal echocardiography (TEE) with contrast, or without contrast followed by with contrast, for congenital cardiac anomalies; including probe placement, image acquisition, interpretation and report
<b>C8927</b>	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
<b>C8928</b>	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
<b>C8929</b>	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
<b>C8930</b>	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

## Echocardiography: Cross Walk Codes Without and With Contrast<sup>2,3</sup>

CPT®	without contrast   with contrast	C-code
93303	←→	<b>C8921</b>
93304	←→	<b>C8922</b>
93306	←→	<b>C8929</b>
93307	←→	<b>C8923</b>
93308	←→	<b>C8924</b>

CPT	without contrast   with contrast	C-code
93312	←→	<b>C8925</b>
93315	←→	<b>C8926</b>
93318	←→	<b>C8927</b>
93350	←→	<b>C8928</b>
93351	←→	<b>C8930</b>

**All-inclusive portable kit**

Each kit contains:

- One LUMASON® vial of 25 mg lipid-type A white lyophilized powder with headspace fill of 60.7 mg of sulfur hexafluoride
- One prefilled syringe containing 5mL of 0.9% Sodium Chloride Injection, USP (Diluent)
- One Mini-Spike

**20-vial pack**

Each pack contains:

- Twenty (20) LUMASON® vials of 25 mg lipid-type A white lyophilized powder with headspace fill of 60.7 mg of sulfur hexafluoride
- Twenty (20) Mini-Spikes
- Twenty (20) peel-off syringe labels

<b>Product</b>	LUMASON UEA
<b>SKU</b>	709916
<b>NDC</b>	0270-7099-16
<b>Product Description</b>	KIT LUMASON 5x 25MG FLIPCAP
<b>Product Configuration</b>	Five (5) Vial Kit

<b>Product</b>	LUMASON UEA
<b>SKU</b>	709707
<b>NDC</b>	0270-7097-07
<b>Product Description</b>	MP LUMASON 20x 25MG VIAL/SPIKE US
<b>Product Configuration</b>	Twenty (20) Vial Pack

<b>Novaplius®</b>	<b>SKU 709700</b>	<b>NDC 0270-7099-73</b>
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<b>Novaplius®</b>	<b>SKU 709708</b>	<b>NDC 0270-7097-08</b>
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Available to purchase direct from Bracco Diagnostics Inc. and through authorized wholesale distributors.  
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**Customer Service: 1-877-BRACCO 9 (1-877-272-2269)**  
or visit us online at: [MyOrders.Bracco.com](https://MyOrders.Bracco.com)

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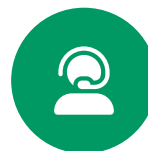
**How we support you**

The Bracco Reimbursement Hotline is here to support you for all your reimbursement needs.

Ask coding and billing questions regarding Bracco Diagnostics products and procedures related to those products.

- ✓ HCPCS codes for products
- ✓ CPT® and HCPCS codes for procedures
- ✓ Medicare payments
- ✓ Monday-Friday: 9:00 AM-6:00 PM Eastern Time

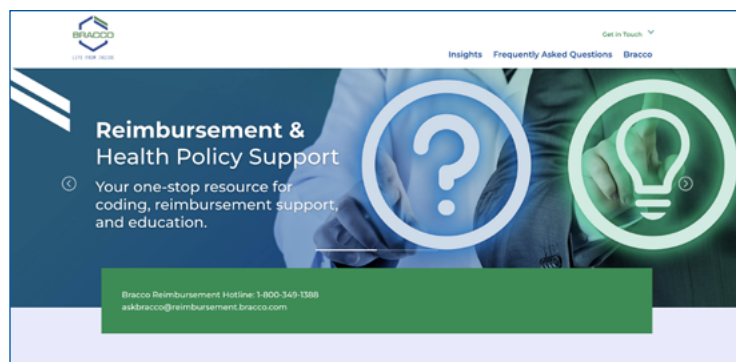
For more information on reimbursement, contact the Bracco Reimbursement Hotline at:

**1-800-349-1388****[askbracco@reimbursement.bracco.com](mailto:askbracco@reimbursement.bracco.com)**

**Please visit us at [www.braccoreimbursement.com](http://www.braccoreimbursement.com) for more information**

**On our website, you may sign up to:**

- ✓ Receive educational emails
- ✓ Access our complimentary reimbursement webinars
- ✓ Get the latest updates on:
  - Coding
  - Coverage
  - Payment



1. LUMASON® (sulfur hexafluoride lipid-type A microspheres) for injectable suspension, for intravenous use or intravesical use. [Full Prescribing Information](#). Princeton, NJ: Bracco Diagnostics Inc., August 2023.
2. *2025 Professional Edition CPT® Current Procedural Terminology*. American Medical Association. Chicago, IL; 2024.
3. HCPCS Quarterly Update – January 2025 Alpha-Numeric HCPCS Files. Centers for Medicare & Medicaid Services. Accessed March 4, 2025. <https://www.cms.gov/medicare/coding-billing/healthcare-common-procedure-system/quarterly-update>
4. Physician fee schedule look-up tool. Centers for Medicare & Medicaid Services. Accessed March 4, 2025. <https://www.cms.gov/medicare/physician-fee-schedule/search>
5. *2025 Ultrasound Coding User's Guide*. American College of Radiology. 2024.

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