

Rapid insights, enhanced care

The Case for Kosmos in Oncology

Kosmos AI is designed to help clinicians use ultrasound more efficiently. Here's why it matters for oncology.

Point-of-care ultrasound (POCUS) brings the convenience of immediate imaging to the bedside. It is transforming care delivery across healthcare settings by complementing traditional imaging, quickly aiding treatment decisions, and supporting procedures like IV placements. Kosmos offers tools and AI-powered workflows that make POCUS easier to learn and more efficient.

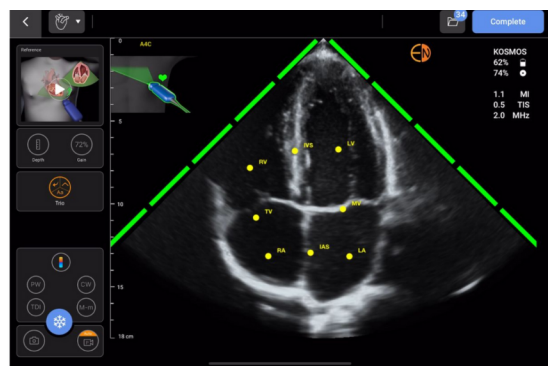
For oncologists, POCUS can be an invaluable tool in the management of cancer patients. It gives clinicians the ability to give patients instant feedback for various medical conditions. A 2024 study, "Artificial Intelligence-assisted Evaluation of Cardiac Function by Oncology Staff in Chemotherapy Patients", reported sensitivities between 86 and 95% and specificities between 87 and 94% for the oncology staff in detecting LVEF below 50% (after one month of training), indicating high diagnostic performance.

Using POCUS in oncology has valuable applications including guided fluid aspiration, assessing ejection fraction for monitoring cardiac function, and measuring deep or superficial lesions before, during, or after therapy. By reducing the need to refer patients elsewhere for these measurements and providing documented reports for billing and record-keeping, POCUS offers significant utility and a strong return on investment for cancer care practices.

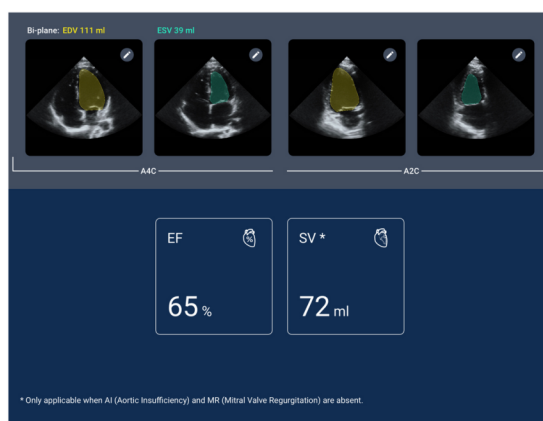
"Oncology staff can accurately measure the heart function of a patient in real-time, at the bedside"



Dr. Dimitrios Dionysopoulos,
Senior Medical Oncologist



Kosmos Trio: AI-driven Guidance, Grading, and Labeling of the cardiac anatomy



Kosmos Auto EF: AI-driven EF calculations

Applications in Oncology

- Identify the presence of fluid with the FASC Exam (Focused Assessment with Sonography in Cancer)
- Quickly obtain Ejection Fraction at the bedside



Evidence-based Benefits

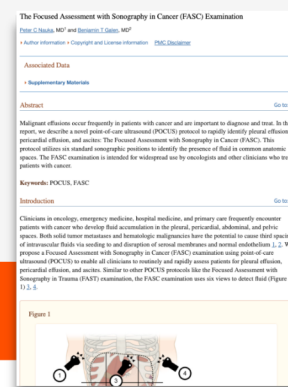
- Strong diagnostic performance
- Operationally feasible by oncology staff
- Effective for POCUS learners
- Reliable & consistent results

Learn more by scanning the QR code below

Oncology staff uses Kosmos to evaluate LVEF



Focused Assessment with Sonography in Cancer (FASC)



Reimbursement

Consider the following CPT codes when billing for POCUS in oncology:

CPT Code	CPT Code Descriptor	2023 Medicare Physician Fee Schedule - National Average*		
		Global Payment	Professional Payment	Technical Payment
76536	Ultrasound of soft tissue of head and neck (e.g., thyroid, parathyroid, parotid), real time with image documentation	\$113.52	\$27.45	\$86.07
76705	Ultrasound, abdominal, real time with image documentation; limited (e.g., single organ, quadrant, follow-up)	\$89.80	\$28.47	\$61.34
93308	Echocardiography, transthoracic, real time image documentation (2D) includes M-mode recording when performed; follow-up or limited study	\$99.63	\$24.74	\$74.89
76775	Ultrasound retroperitoneal (e.g., renal, aorta, nodes), real time with image documentation; limited	\$59.98	\$27.79	\$32.19

READY TO GET STARTED?

(844) 854-0800

www.echonous.com

EchoNous Inc.
8310 154th Ave NE
Building B, Suite 200
Redmond, WA 98052, U.S.A.



*The Kosmos Trio tool, AI FAST, and AI-Assisted EF workflow are released under the 'Enforcement Policy for Imaging Systems During the Coronavirus Disease 2019 (COVID-19) Public Health Emergency, Guidance for Industry and Food and Drug Administration Staff, April 2020' policy and have not been cleared by the FDA. These features are intended to be used by qualified healthcare professionals or under the supervision or in-person guidance of a trained or licensed healthcare professional. D011576_Rev A