



“ CEUS allows us  
to optimise our  
daily routines, to  
achieve the correct  
diagnosis faster and  
to improve solutions  
for unclear cases ”

CEUS

# Contrast enhanced ultrasound (CEUS) in secondary liver cancer

Case studies courtesy of

Dirk-André Clevert, MD

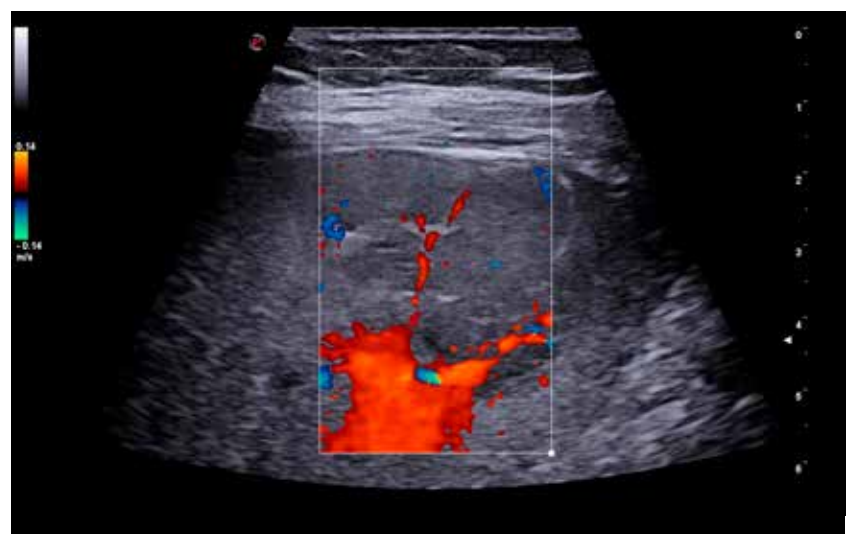
Professor of Radiology Interdisciplinary Ultrasound-Center,  
Department of Clinical Radiology University of Munich-Grosshadern Campus,  
Germany

Lesion		> Arterial Phase	> Portal Venous Phase	> Late Phase	> Post-Vascular Phase
Metastasis	Typical features	Rim-enhancement	Hypo / nonenhancing	Hypo / nonenhancing	Hypo / nonenhancing
	Additional features	Complete enhancement Hyperenhancement Nonenhancing regions	Nonenhancing regions	Nonenhancing regions	Nonenhancing regions

Guidelines and Good Clinical Practice Recommendations for Contrast Enhanced Ultrasound (CEUS) in the Liver - Update 2020 - WFUMB in Cooperation with EFSUMB, AFSUMB, AIUM, and FLAUS, Ultraschall Med. 2020 Jul 24. Clinical acquisitions were performed with the Esaote CnTI™ advanced technology.



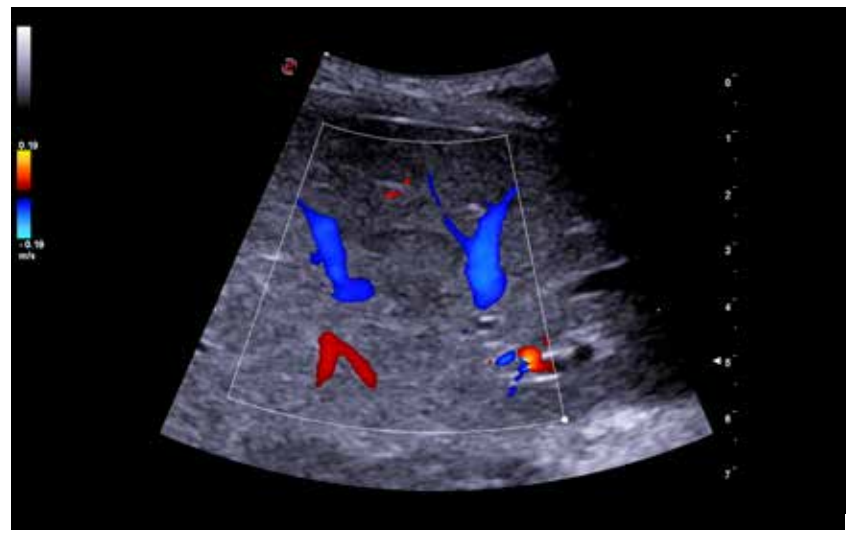
Metastasis from colon cancer



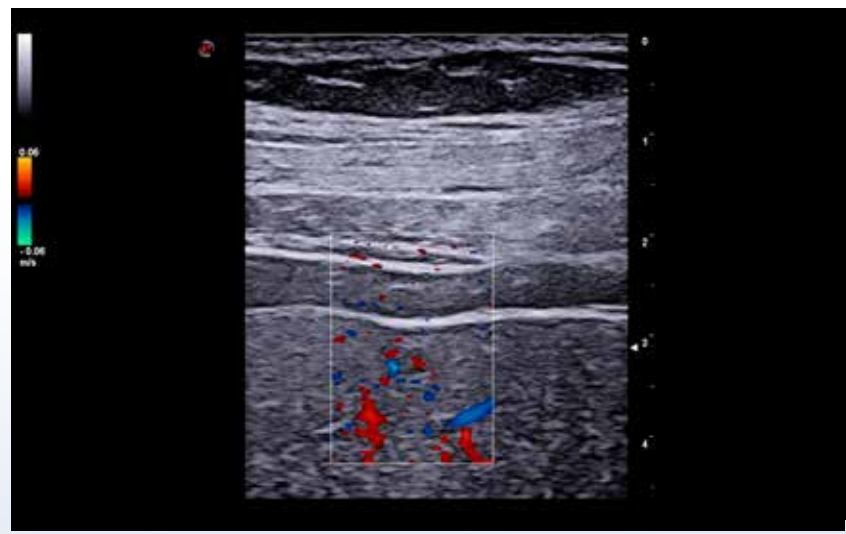
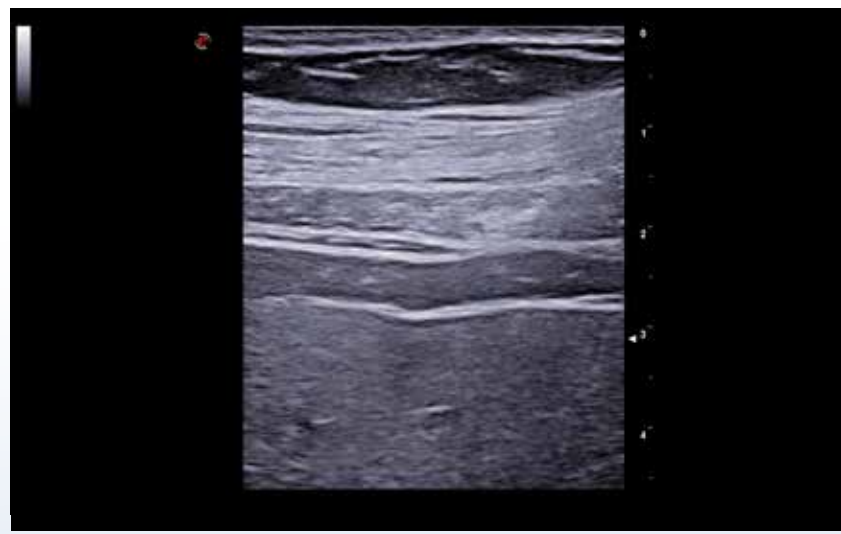
High-Resolution metastasis from colon cancer



Metastasis from pancreas cancer

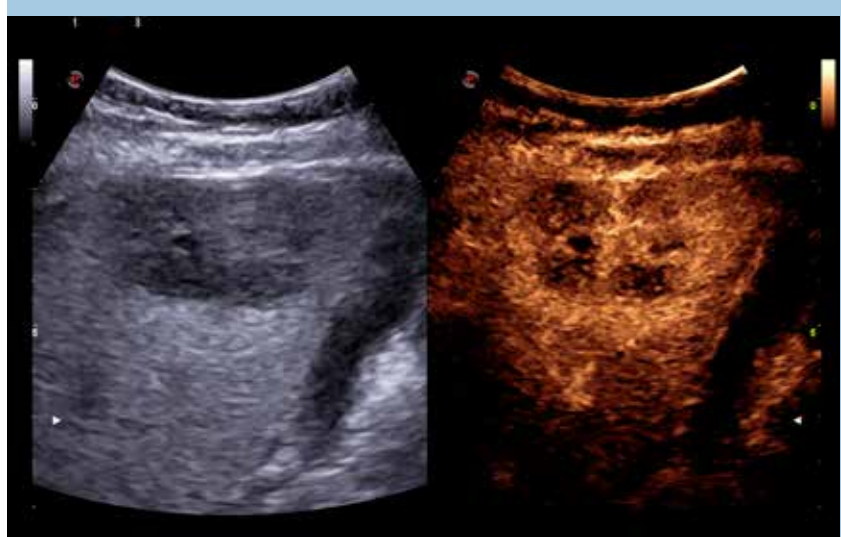


Metastasis from cervix carcinoma

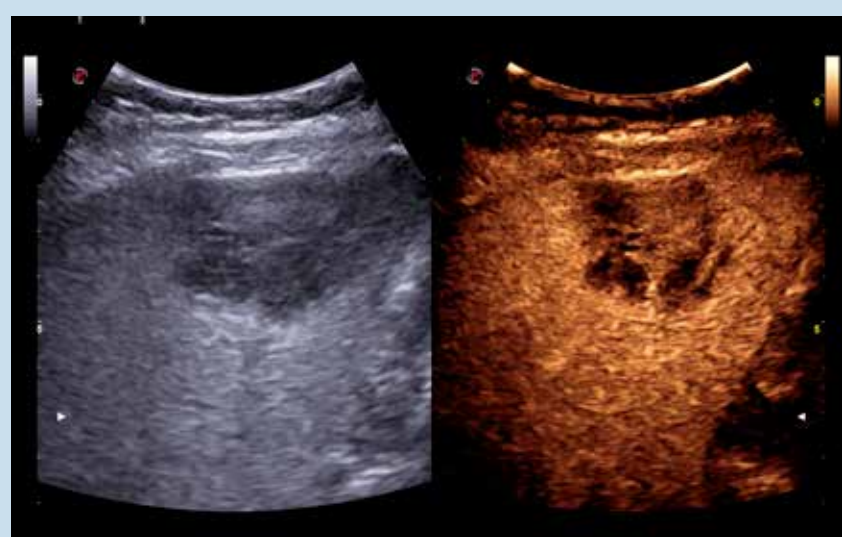


High-Resolution metastasis from lung cancer

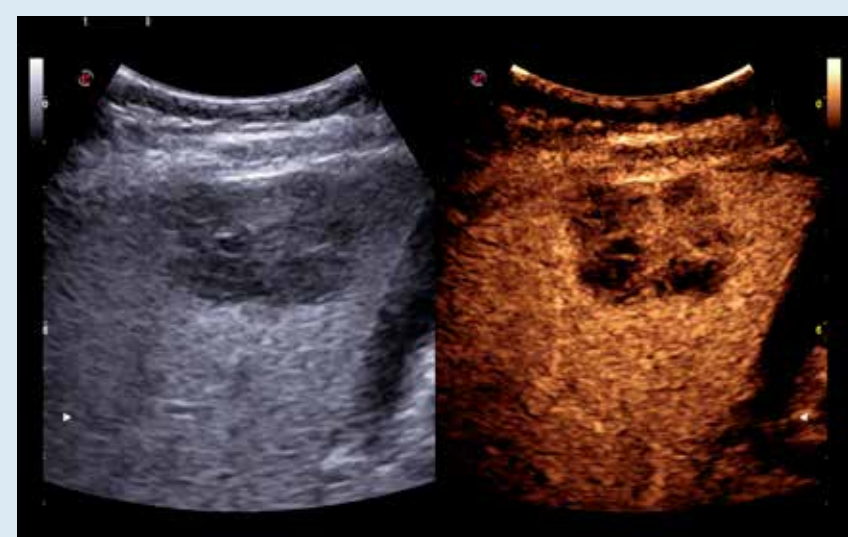
Arterial Phase



Portal Venous Phase



Late Phase



N E V E R   S T O P   S E E I N G   T H E   U N S E E N .



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CnTI™: The use of Contrast Agents in the USA is limited by FDA to the left ventricle opacification and to characterization of focal liver lesions.

Technology and features are system/configuration dependent. Specifications subject to change without notice. Information might refer to products or modalities not yet approved in all countries. Product images are for illustrative purposes only. For further details, please contact your Esaote sales representative.