Enhanced ultrasound liver imaging

Introducing our **MASLD** setting

ContextVision

SEE MORE. KNOW MORE.

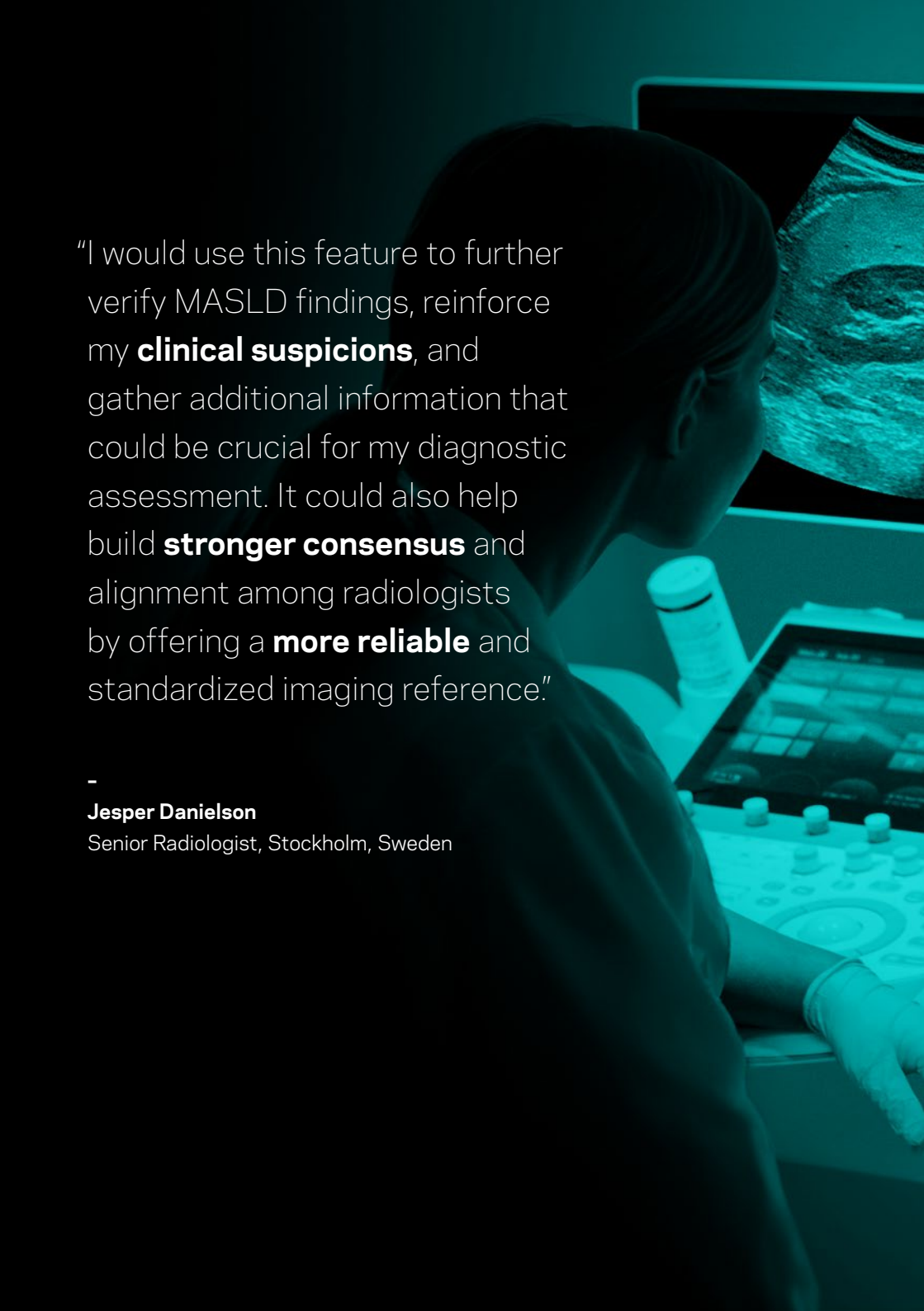
Bridging the diagnostic gap in MASLD

Metabolic dysfunction-associated steatotic liver disease (MASLD) affects nearly 38% of all adults and up to 14% of children and adolescents, driven by rising obesity and Type 2 Diabetes[1]. Most patients are asymptomatic until advanced stages, and existing near-patient diagnostic tools often miss early signs.

Ultrasound remains the most accessible method for liver assessment, yet most systems lack the sensitivity to detect early MASLD. Mild to moderate cases are challenging to interpret due to diffuse hepatic changes and subtle features, and image quality is often degraded by excess subcutaneous fat – compromising diagnostic accuracy.

From missed signs to **clearer insights**

There is a growing need for ultrasound liver solutions that accentuate clinical expertise, integrate seamlessly into routine workflows, and support stronger collaboration between radiologists and sonographers.



"I would use this feature to further verify MASLD findings, reinforce my **clinical suspicions**, and gather additional information that could be crucial for my diagnostic assessment. It could also help build **stronger consensus** and alignment among radiologists by offering a **more reliable** and standardized imaging reference."

–
Jesper Danielson
Senior Radiologist, Stockholm, Sweden

Introducing the ContextVision MASLD setting

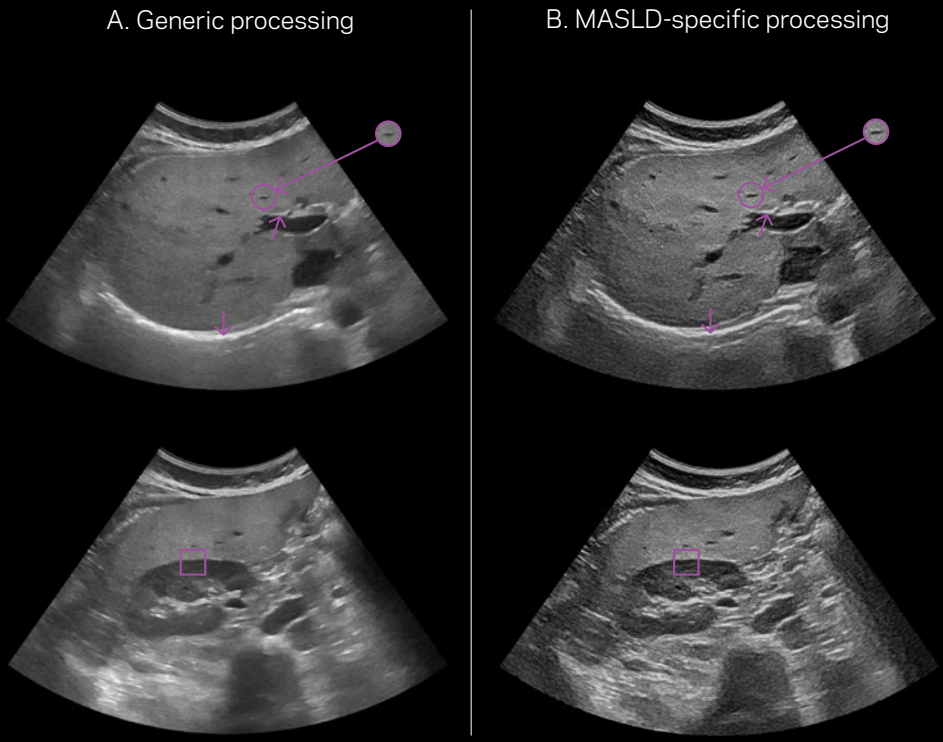
Enabling disease-specific ultrasound interpretations

Our latest innovation delivers ultrasound viewing settings tailored for MASLD. This advanced technology improves liver visualization by enhancing contrast and edge definition, supporting clinicians in detecting key imaging features relevant to steatosis progression.

Contrast optimization highlights subtle changes in echogenicity, often the earliest sign of mild steatosis.

Edge definition preserves anatomical structures affected by steatosis or fibrosis.

The result – liver visuals that **strengthen diagnostic confidence** and **streamline MASLD evaluation**.



A comparison between generic ultrasound image processing of the liver (A) and ContextVision MASLD-specific setting (B) in a mild steatosis case. In the MASLD setting, key anatomical structures such as the portal vein walls and diaphragm are clearly preserved. The intensity difference between the liver parenchyma and kidney is also optimized with an improved contrast.

"**We train many students** and they often struggle to adapt to different ultrasound systems; not just the controls, but how the image looks. It takes time to get comfortable. Having a **tailored visualization** like the MASLD setting, with clearer images, helps us **stay aligned with our colleagues.**"

–
Gloria Broberg
Senior Sonographer, Huddinge, Sweden

Empowering the care team

By delivering clearer, more consistent liver images, our MASLD setting strengthens diagnostic confidence and collaboration across the care team — resulting in smoother workflows, improved alignment, and more reliable evaluations.

"During my standard liver sweeps, I would press the 'MASLD-button' to capture a **MASLD-optimized image** showing the kidney-liver comparison. It would give me a visual confirmation, like a receipt, that **supports what I see** and helps me document the case with **confidence.**"

–
Patric Reissmüller
Resident Radiologist, Danderyd, Sweden

Enhanced liver images

- Image enhancement tailored for MASLD
- Improved contrast and texture for subtle changes
- Supports evaluation in early presentation of MASLD

Seamless integration with existing workflows

- Compatible with existing ultrasound systems
- Easily integrated as a customizable setting or button
- Intuitive feature requires minimal training

Improved collaboration, diagnostic alignment and standardization

- Visual clarity supports diagnostic consistency
- Facilitates clearer communication between clinicians
- Enhances diagnostic confidence and training of junior staff or students

Delivering value beyond imaging

By enhancing image interpretation and workflow efficiency, ContextVision solutions deliver value across clinical, operational and educational dimensions.

For more information or to reach out, please visit
www.contextvision.com

Reference: 1. Zobair M. Younossi, *et al.*
Epidemiology of MASLD. Clinical and Molecular Hepatology. 2025;31(Suppl):S32-S50.

ContextVision is a medical technology software company specialized in image analysis and artificial intelligence. As the global market leader within image enhancement, we are a trusted partner to leading manufacturers of ultrasound, X-ray and MRI equipment around the world. Our expertise is to develop powerful software products, based on proprietary technology and artificial intelligence for image-based applications. Our cutting-edge technology helps clinicians accurately interpret medical images, a crucial foundation for better diagnosis and treatment.

The company, established in 1983, is based in Sweden with local representation in the U.S., Japan, China and Korea. ContextVision is listed on the Oslo Stock Exchange under the ticker CONTX.