



PIUR tUS Infinity

AI Software Platform For **Thyroid Imaging**

**CPT I
Reimbursement
Available***

*subject to local regulations



THE CHALLENGE

Limitations with Conventional 2D Ultrasound

Ultrasound is the most widely used imaging modality worldwide, yet conventional 2D workflows face significant limitations. These limitations make it difficult to deliver fast, reproducible, and fully standardized thyroid imaging.

Manual 2D

AI systems in traditional ultrasound rely on 2D images instead of complete organ data, leading to biased and partially automated analysis.

Operator-Dependent

User-selected slices, manual measurements, and repetitive annotations cause inconsistent reproducibility and limited scalability.

Time-Consuming

Growing patient volumes and a shortage of experienced sonographers are placing structural pressure on radiology workflows.



BENEFITS OF PIUR tUS INFINITY

Faster Thyroid Imaging

PIUR tUS Infinity, is the first FDA-cleared AI software platform that utilizes advanced tomographic ultrasound technology to automate analysis, annotations, and reporting.

The software complements your ultrasound device with AI-assisted tools and automated processing for **greater efficiency in everyday clinical practice**.



Thyroid Image
Acquisition in
30-Seconds



Up to
60% Faster
Scan-to-Report Time



Fully Automatic
Documentation, Image
Annotation & Reporting

How It Works

PIUR tUS Infinity integrates seamlessly within your workflow.

The platform guides you through each step:

1

Smart Analysis

After a single sweep of each thyroid lobe, the software automatically analyzes and annotates lobes and nodules.

2

Review & Verification of Results

The user is asked to review, adjust, and approve the results. Nodules can be classified easily with the built-in ACR TI-RADS calculator.

3

Automated Report Generation

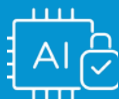
Patient reports and imaging data are automatically generated and sent directly to PACS.

Reduce Manual Effort



Faster Examination Time:

60% faster scan-to-report time compared to 2D ultrasound.



AI-Powered Solution:

Automated image documentation, annotation and reporting.



Independent Image Acquisitions:

Less reliance on user input, ensuring consistent results.



Increase Billable Services:

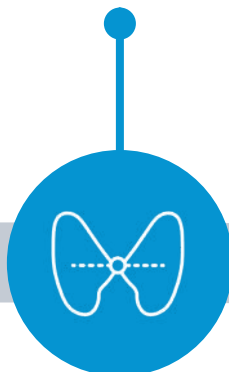
Leverage recognized reimbursement codes to maximize revenue.

Seamless Workflow Integration

**ULTRASOUND
SYSTEM**



PIUR tUS INFINITY



**DICOM
WORKLIST**



**PIUR REVIEW
WORKSTATION**



**PACS
INTEGRATION**





REAL CLINICAL IMPACT

Faster Scan-to-Report Time

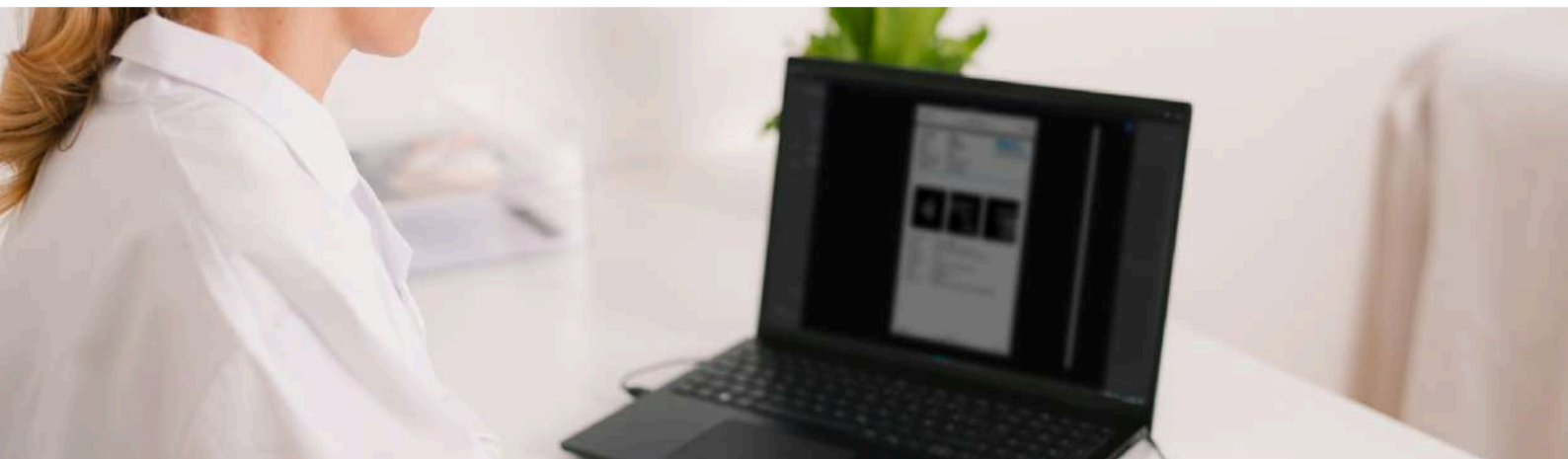
Given 16 patients per day at 30 minutes each, **you will save:**

15 Minutes / Patient

4 Hours / Day

130 Days / Year

Your reclaimed time can be reinvested to increase patient throughput and reduce manual effort, **without compromising accuracy.**



PIUR IMAGING is an ISO 13485 and FDA-certified MedTech company with offices in Austria, Germany, and USA. Today, our AI-powered 3D ultrasound solutions enhance everyday clinical practice by delivering scalable, reproducible, and more efficient diagnostic imaging **worldwide**.

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Caution (USA): Federal law restricts this device to sale by, or on the order of, a physician.

PIUR tUS Infinity is intended to assist and support medical professionals in the diagnostic workflow of thyroid and thyroid nodules acquired from FDA-cleared ultrasound systems. PIUR tUS Infinity is a medical device that carries risks and potential complications associated with its use. Refer to the PIUR tUS Infinity instructions for use for comprehensive risk information.



WWW.PIURIMAGING.COM