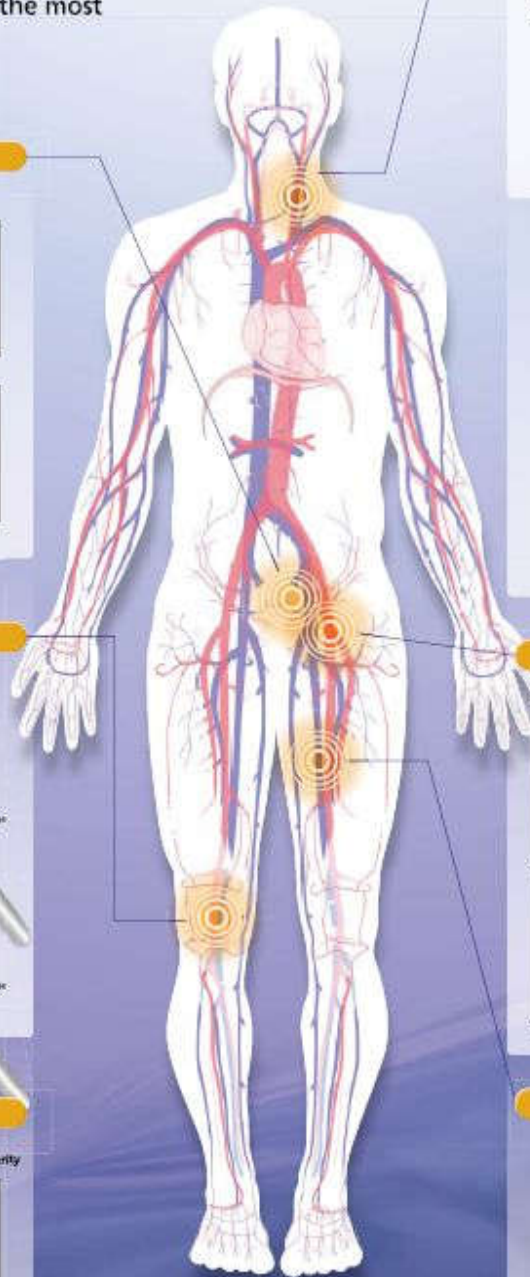


# eFLOW for all your ultrasound needs!

eFlow is an innovative tool to visualize blood flow with high-definition.

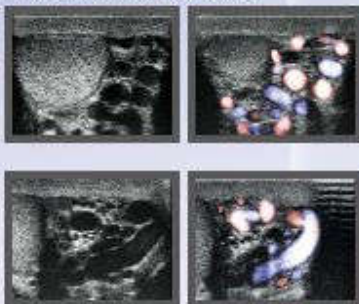
Thanks to increased bandwidth and processing improvements, we can offer drastically improved spatial and temporal resolution. Even the smallest blood vessels are easily identified and a wide range of flow velocities can be detected effortlessly.

eFlow can handle all your vascular examinations and you can be confident you will obtain the most accurate diagnosis.



## Testicle Vessels

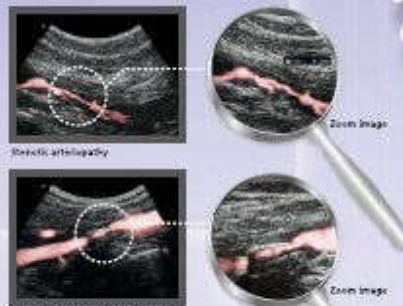
Extremely low velocity blood flow detection



Network

## Popliteal Artery

Precise depiction of structures



Obstructed atherosclerosis

Acute stenosis due to atherosclerotic plaque

## Nodule / Lymph Node

Improve spatial resolution detects thin blood vessel and neovascularity



Thyroid nodule

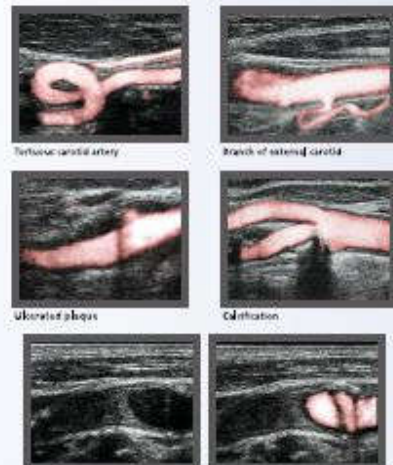
Directional eFLOW

eFLOW

Cervical atherosclerosis

## Carotid Artery

Excellent morphological examination



Tortuous carotid artery

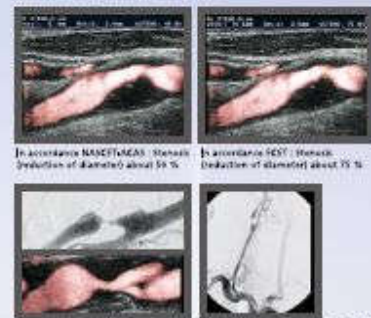
Branch of internal carotid

Ulcerated plaques

Calcification

Internal carotid artery occlusion

Quantitative assessment of stenosis



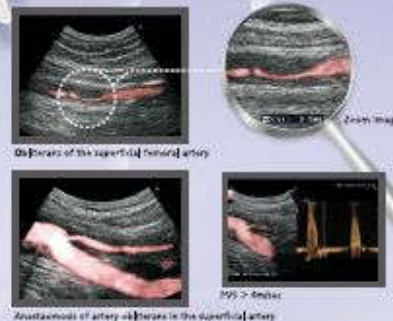
In accordance NASCF/CEAS : stenosis (reduction of diameter) about 50 %

In accordance FOST : stenosis (reduction of diameter) about 75 %

Comparison between eFLOW and angiography - Angiogram - Courtesy of Dr. Dr. OGBR

## Femoral Artery

Accurate observation of the deep vessels



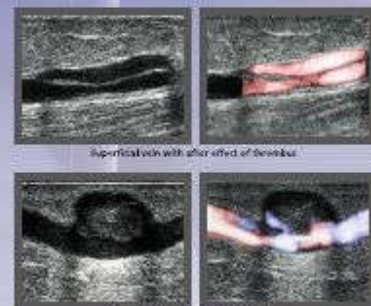
Distension of the superficial femoral artery

PSV > 4m/sec

Anastomosis of artery collaterals in the superficial artery

## Femoral Vein

Superior border detection with clear definition between structures and blood flow



Superficial vein with after effect of thrombus

Great saphenous vein with thrombus

**ALOKA**  
illuminate the change

Courtesy of Dr. Lemarle, Le Chesnay, France