International Course in Contrast Enhanced Ultrasound

Hepatic and Extrahepatic Indications

Pre-Course: October 19th 2022
CEUS Course: October, 20th – 22nd 2022
Thyroid Nodules

Prevalence: 19-47% in the adult population.
F:M=4:1
5-7% of the thyroid nodular formations examined are malignant lesions.
The International Agency of Research on Cancer (IARC) in 2018 recorded 567,233 new cases of
Thyroid cancer accounts for 3.1% of all cancers and is the most common endocrinological
cancer.
Incidence constantly increasing.

"Incidentalomas": 67% referable to ultrasound examinations of the neck, 15% to CT and MRI
examinations of the neck and in the remaining 1-2% of cases to PET examinations.

OVERDIAGNOSIS and OVERTREATMENT?

Radiologia Sapienza
Polistina Umberto I
Presence of vessel density and hemorrhage

"...this is the first study investigating the histological composition of local atherosclerosis plaques in relation to clinical outcome in a longitudinal study.

"We report that the presence of plaque hemorrhage and increased vessel density in the CEA specimen are independently associated with increased risk of future cardiovascular events in a retrospective, histopathology study of 818 patients."