

## **Final TIRADS terms**

### **Composition:**

Solid

Predominately solid (>50%)

Predominately cystic (>50%)

Cystic

Spongiform

### **Echogenicity:**

Hyperechoic

Isoechoic

Hypoechoic

Very Hypoechoic

Note: Homo/heterogeneous maybe used as a descriptor but there is no supporting association for either term in the literature

**Shape:** no supporting evidence in literature for association with malignancy for any shape other than below

Taller than wide (measured in transverse plane, AP/transverse diameter)

**Size/dimensions:** All nodules should be measured in 3 dimensions, however, there is conflicting information in the literature about the significance of size. Many consensus guidelines are defined along increasing size relating to increasing need for biopsy. Other literature shows small lesions to harbor a very high incidence of cancer.

### **Edge Characteristics:**

Well defined

Ill defined

Lobulated

Spiculated

### **Echogenic Foci:**

None

Punctate echogenic foci - most punctate echogenic foci are not microcalcifications although microcalcifications would fall in this category

Macrocalcifications

Peripheral Calcifications

Small Comet-tail artifacts

Large comet tail-artifacts

### **Doppler:**

Vascular

Avascular