

S2 Table. Definitions of analyzed imaging characteristics

Imaging finding	Definition
Tumor size	The longest diameter in the axial image
Tumor margin	Smooth, a smooth tumor-normal liver parenchyma interface; nonsmooth, focal or multifocal outgrowth of tumors protruding into the nontumor liver parenchyma
Infiltrative appearance	Tumor with noncircumscribed margins and a permeative growth pattern
APHE	Nodular, mass-like, or thick irregular enhancement in arterial-phase more than in the liver
Rim enhancement	Thin peripheral enhancement in the tumor
Washout appearance	Reduction in enhancement from earlier to later phase resulting in hypoenhancement relative to liver
Intratumoral necrosis	Area within the tumor completely lacking enhancement
Peritumoral bile duct dilatation	Peripheral or upstream bile duct dilatation by the tumor
Tumor-in-vein	Unequivocal enhancing soft tissue in vein
Multifocality	Tumor involvement in other segments or contralateral lobe

APHE, arterial-phase hyperenhancement.