**Imaging evaluation**

All MR images were retrospectively assessed by two senior radiologists who were blinded to the clinical data and pathological results. Before the assessment, they participated in a hands-on instruction session that explained the liver MR imaging evaluation system in detail. During the session, MR images from 50 ICC cases were randomly selected from the picture archive and communication system database (excluded in this study cohort) and were assessed individually and together by the radiologists. Within one week after the above session, the two senior radiologists independently assessed all ICC case MR images that were included in this cohort and then reassessed the MR images together after two weeks. Any discrepancies between the two senior radiologists were negotiated until a consensus was reached. In the case of multiple lesions, the largest one was reassessed.