

Splenic Metastases from Primary Lung Cancer on Magnetic Resonance Imaging (MRI): A Retrospective Study

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Supplementary Data 1

MRI features of splenic lesions according to primary tumor tissue type

Tumor tissue type	Patient #	Size (cm)	Margins	CT	USG	T1w1	T2w2	Arterial phase	Venous phase	Other metastases
Adenocarcinoma	1	7.57*6.46	Not defined	Hypodense	Hypo echoic,	Hypointense	Hyperintense	Heterogeneous enhancement	Central necrosis	Liver ,multiple nodules
	2	4.06*5.71	Well defined	Hypodense	Hypo echoic mass in upper pole	Hypointense	Hyperintense	Heterogeneous enhancement, rim enhanced	Homogeneous enhancement	Bilateral kidney
	3	2.76*1.97	Not defined	Isodense lymphadenopathy	Hyper echoic	Isointense	Hyperintense	Heterogeneous enhancement	Homogeneous enhancement	Liver, bilateral kidney and adrenal gland
	4	6.29*5.37,3.8*4.26	Not defined	Hypodense, splenomegaly lymphadenopathy	Not clear	Hypointense	Hyperintense	Heterogeneous enhancement with central necrosis	Homogeneous enhanced	Liver
	5	2.06*1.34	Not defined	Hypodense	Hypo echoic	Hypointense	Hyperintense	Heterogeneous enhancement, central necrosis	Homogeneous enhancement	Liver, bilateral kidney
	6	1.85*2.18	Not defined	Hypodense lymphadenopathy	Hypo echoic	Hypointense	Hyperintense	Heterogeneous enhancement, central necrosis	Homogeneous enhancement	Liver
Small cell carcinoma	7	3.52*2.20	Well defined	Hypodense lymphadenopathy	Iso echoic	Hypointense	Hyperintense	Heterogeneous enhancement, target sign appearance	Homogeneous enhancement	Liver
	8	4.85*4.54	Well defined	Hypodense Retroperitoneal lymphadenopathy	Hypo echoic	Hyperintense	Hyperintense	Heterogeneous enhancement, target sign	Homogeneous enhancement	Bilateral adrenal glands

Squamous cell lung carcinoma	9	10.38*7.18	Well defined	Hypodense	Hypo echoic	Hyperintense	Hyperintense	appearance, central necrosis Heterogeneous enhancement, splenomegaly	Homogeneous enhancement	Liver
	10	4.26*3.25	Well defined	Hypodense	Hyper echoic	Hypointense	Hyperintense	Heterogeneous enhancement, Target appearance	Homogeneous enhancement	Liver
	11	3.87*2.92	Well defined	Hypodense	Hypo echoic	Hypointense	Hyperintense	Heterogeneous enhancement, Target sign appearance	Homogeneous enhancement	Liver, bilateral kidney
Squamous adenocarcinoma	12	2.49*2.42, 1.67*1.21	Well defined	No abnormality detected	No abnormality detected	Hypointense	Hyperintense	Heterogeneous enhancement, rim enhanced	Homogeneous enhancement	Left kidney
Lung sarcoma	13	1.8*1.66, 0.94*0.54	Well defined	No abnormality detected	No abnormality detected	Hypointense	Hyperintense	Homogeneous enhancement, target sign appearance	Homogeneous enhancement	Bilateral adrenal gland, pancreas
