1. **Adrenal Mass: Adenoma and Carcinoma**
* MRI, abdomen, is indicated for *adrenal mass, adenoma or carcinoma* for ANY ONE of the following:
	+ Adrenal mass AND ANY ONE of the following (chemical shift MRI):
		- Initial evaluation of mass seen on ultrasound
		- Follow-up of lesions between 3 cm and 5 cm (generally performed in 3 months to 6 months) AND ANY ONE of the following:
			* Unable to perform CT scan due to renal insufficiency or contrast allergy
			* Lesion is indeterminate on enhanced CT scan
	+ Staging and restaging adrenal carcinoma (enhanced)
	+ Suspected pheochromocytoma
1. **Abdominal Mass**
* MRI abdomen is indicated for *abdominal mass* only as second-line option after ultrasound or CT scan.
1. **Cancer, Pancreatic**
* MRI, abdomen, is indicated for *pancreatic cancer* for ANY ONE of the following:
	+ Assess respectability of pancreatic tumor.
	+ Suspected pancreatic cancer with indeterminate CT scan
1. **Cancer and Mass, Renal**
* MRI, abdomen, is indicated for *renal cancer or mass* when ANY ONE of the following is present (enhanced):
	+ Indeterminate renal mass on ultrasound or CT scan
	+ Renal cell cancer AND ANY ONE of the following: (second-line option after CT scan)
		- Initial staging of renal cell cancer (first-line option)
		- Follow-up after treatment course completed
		- Periodic monitoring of patient if history of renal cell cancer, frequency MAY INCLUDE:
			* Tumor stage I: usually not recommended
			* Tumor stage II: done by some about every 2 years to 3 years
			* Tumor stage III: generally every 6 months for first 2 years, then annually
		- Restaging when symptoms occur (e.g., hematuria, weight loss, pain, palpable mass)

**Reference:**

Milliman Care Guidelines, “Ambulatory Care”, 10th Edition.