

Neck 4D-Parathyroid Summary

Indications	Patients with biochemically confirmed hyperparathyroidism who had parathyroidectomy				
Diagnostic Task	parathyroid localization				
Scan Mode	Helical				
Helical Set-Neck without	recon	body part	thickness spacing	algorithm	recon destination
	1	neck	2mmx 2mm	standard	pacs
arms down-maximally pulled down during scan					
Helical Set-Neck with 50 second delay	recon	body part	thickness spacing	algorithm	recon destination
	1	neck	2mmx 2mm	standard	pacs
	2	coronal neck	2mmx2mm	standard	pacs
	3	sag neck	2mmx2mm	standard	pacs
arms down-maximally pulled down during scan					
Helical Set-Chest with Arms up	recon	body part	thickness spacing	algorithm	recon destination
	1	chest	2mmx 2mm	standard	pacs
	2	lung	1mmx 1mm	lung	pacs
	3	coronal chest	2mmx2mm	standard	pacs
	4	sag chest	2mmx2mm	standard	pacs
Scan Start/end location	neck		/	chest	
	upper palette thru carina		/	1cm superior to apices mid heart	
DFOV	180cm		/	180cm	
decrease appropriately					
IV contrast volume/type	125ml Isovue 370@ 1.5ml/sec contrast should flow thru the entire neck scan				
Scan delay	50 seconds				