

# CT ENDOSCOPY, STOMACH

Equipment	Philips Brilliance 40				
Indication	Stomach cancer 환자의 종양의 위치 및 크기, 전이정도를 가상내시경적 평가				
Preparation	6hrs Above NPO -검사 전에 진경제(부스코판 1앰플) 근육주사 -검사시작 전에 발포제 2개를 소량의 물과 같이 경구 음용 -환자에게 트립을 참는 것을 주지				
Oral Contrast	-				
Injection	Contrast (Type/Concentration)	Ultravist/300mg/ml			
	Amount of Contrast	2ml/kg of body weight			
	Contrast Injection Rate	4ml/sec			
	Post Injection Delay	40sec, 70~80sec			
Topogram	Type	AP(180)	Landmark	Xyphoid Process	
	Position	Right Decubitus, Feet, First	Range	500mm	
Scan	Arterial Phase	Scan Type	Helical	Collimation	0.625mm*40
		Resolution	Standard-c	Matrix	512
		SFOV	Large Body		
		Pitch	0.924	KVp/Effec. mA	120/200
		Rotation Time	0.6sec	Scan Direction	Out
		Position	Right Decubitus	Post Injection Delay	40sec
		Scan Coverage	Liver dome ~ stomach 충분히 포함		
	Portal Phase	Dose Modulation	D-DOM(X-Y Direction)		
		Position	LPO	Post Injection Delay	70~80sec
		Scan Coverage	Liver dome ~ Pubic Symphysis		
스캔 파라미터: 상동					
Reconstruction	Axial: 5/5 with Arterial, Portal Arterial & Portal 1/1				
Reformation	Coronal & Sagittal: 3/3 with Arterial & Portal				
Data Transfer	Main PACS	Axial: 5/5 Coronal & Sagittal: 3/3, 3-D & Endoscopy영상			
	Teraserver	Axial: 1/1			
Dose (Adult Average)	Effective Dose	mSv			
Reference	-당일 내과적 Endoscopy 검사가 있으면 CT Endoscopy를 먼저 시행 -Portal Phase로 position 변경시 완전히 Rt. Decubitus로 돌린후 LPO유지				