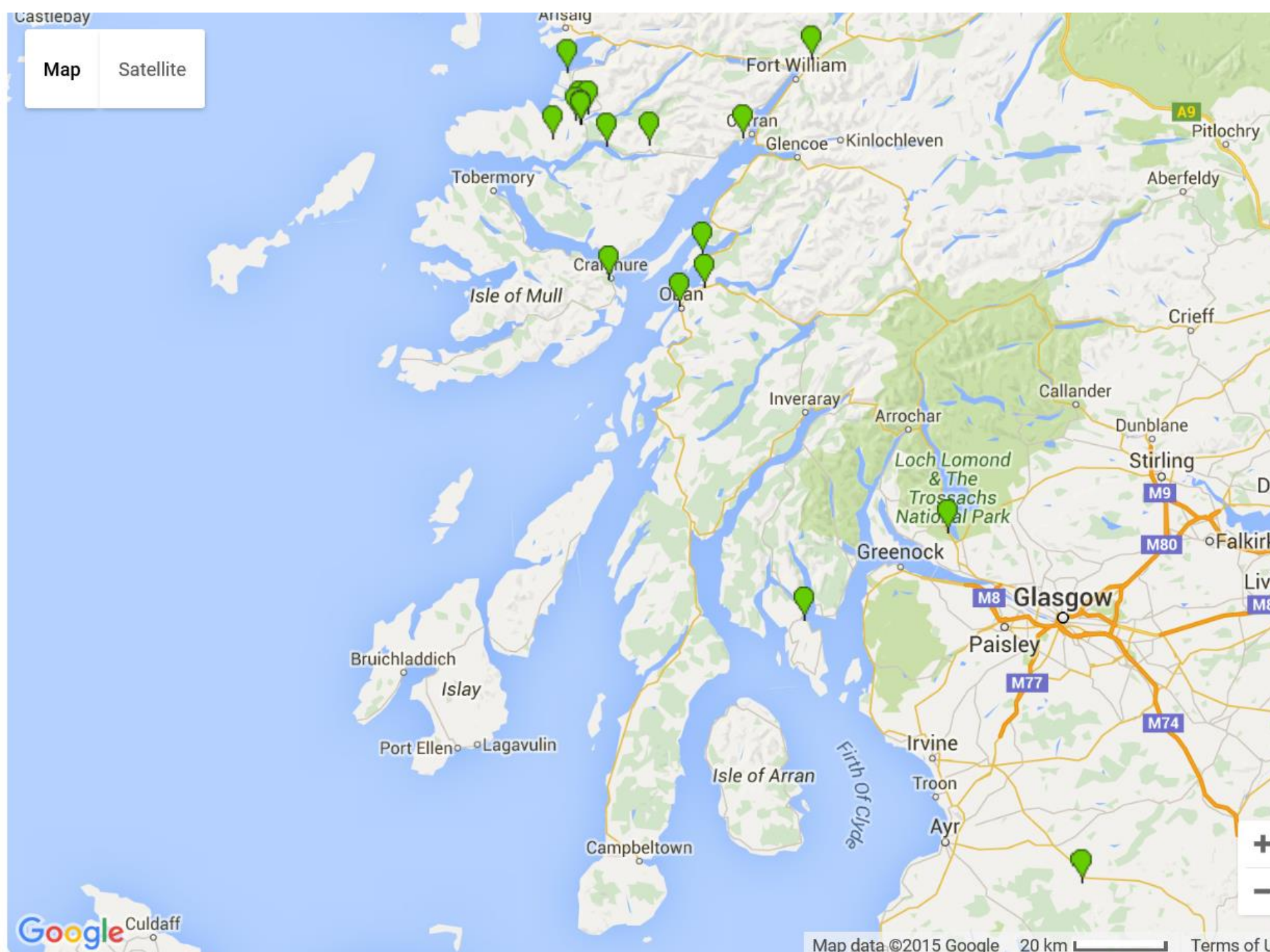


ESMO Preceptorship on Lymphoma Lugano, 27- 28 Nov 2015

# ***Mucosa-Associate lymphoid tissue (MALT) of the stomach***

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Castreby

Map

Satellite

62 years old lady who gives a 10 year history of weight loss associated diarrhea.

She Has been having fairly frequent endoscopies, thoroughly investigated . No clear cause was found

In October 2014, a repeat endoscopy and biopsy reported as lymphomatous infiltrate . The biopsy was reviewed by the central pathology lab.

Ca125 was raised mildly

CT scan : Scattered small volume mesenteric and ileo-colic adenopathy; no sinister features by size or location criteria.

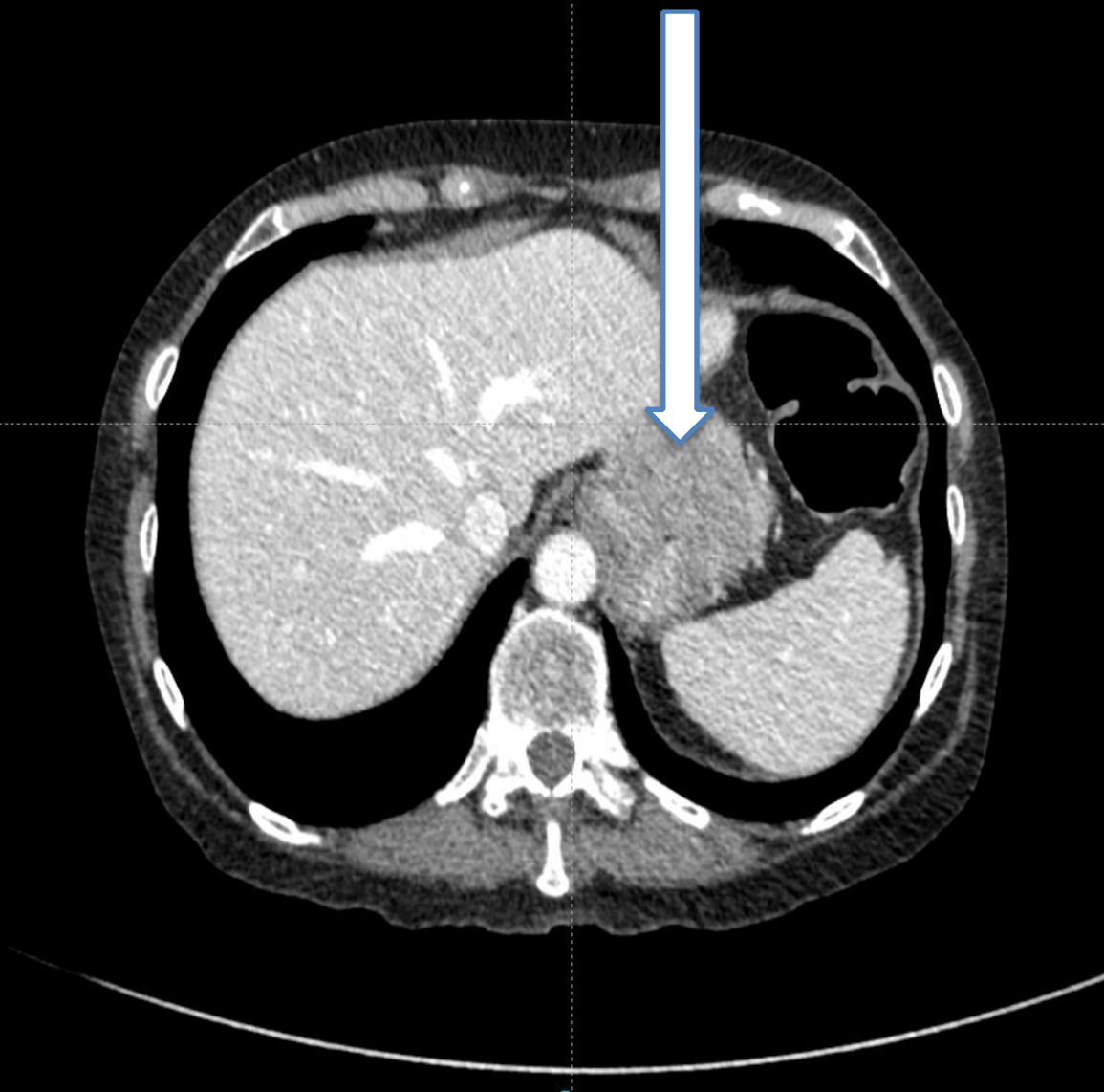
She was thought to have lymphatic gastritis and started on H.pylori eradication.

A repeat endoscopy and further biopsy performed confirms a marginal zone lymphoma of MALT type.

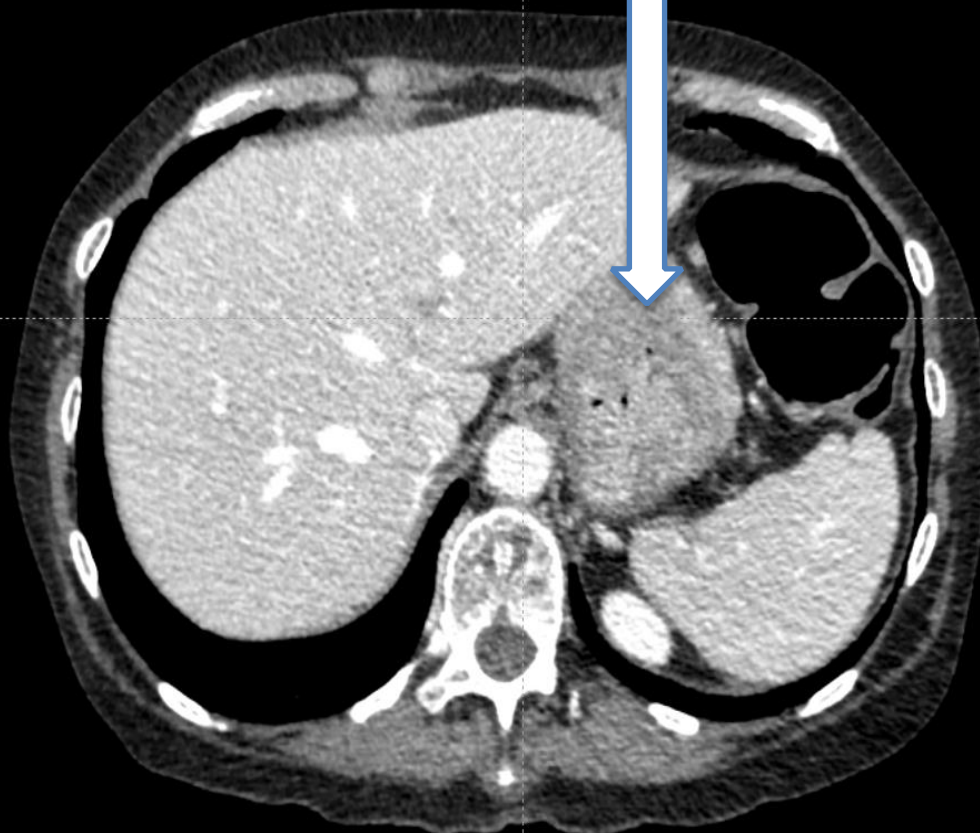
**MALT1** gene region (18q21) has been detected by FISH

Repeat CT scan shows changes: new soft tissue thickening is noted associated with lymphadenopathy measured in subcentimeter (have not changed since last scan).

Abdo/Pelvis



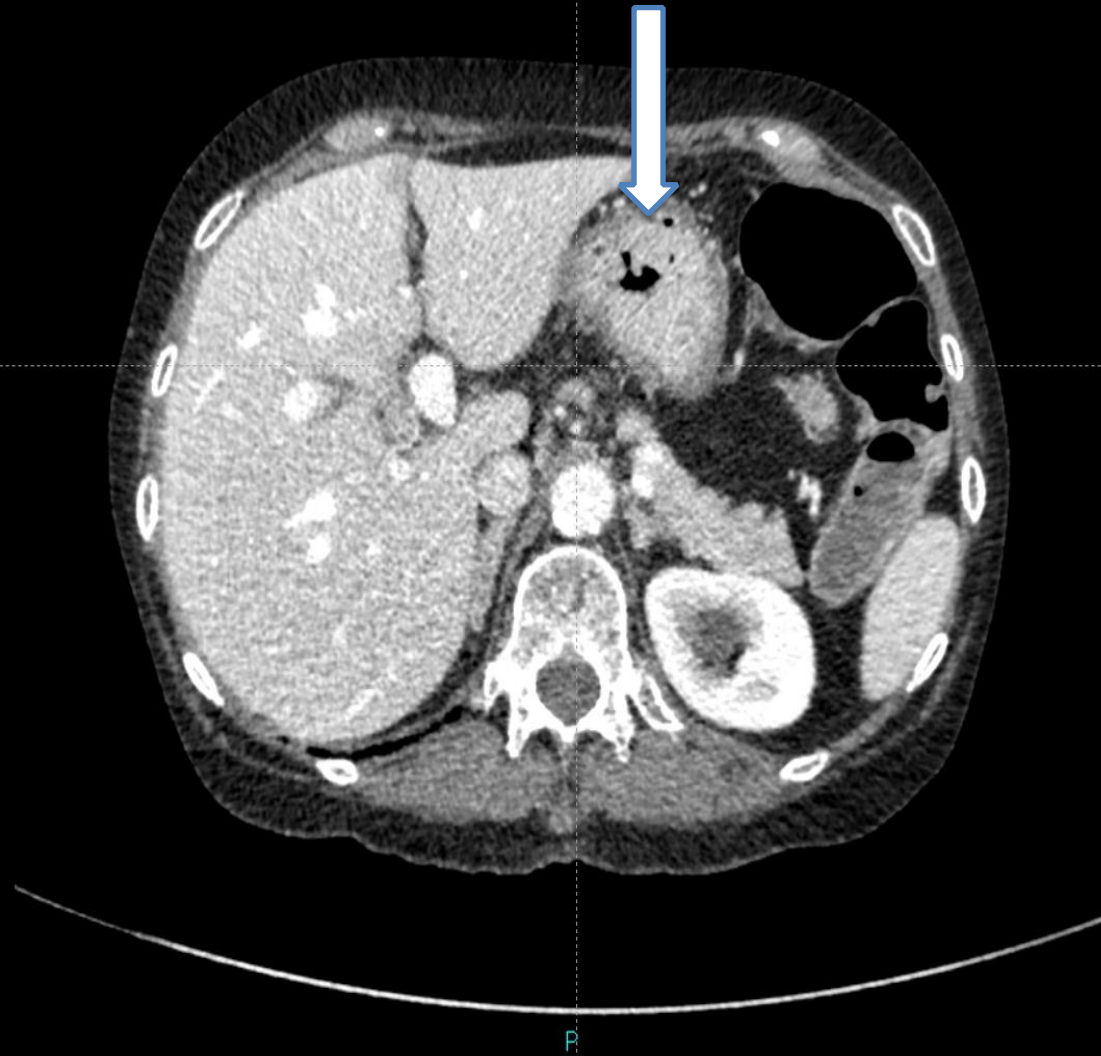
o/Pelvis





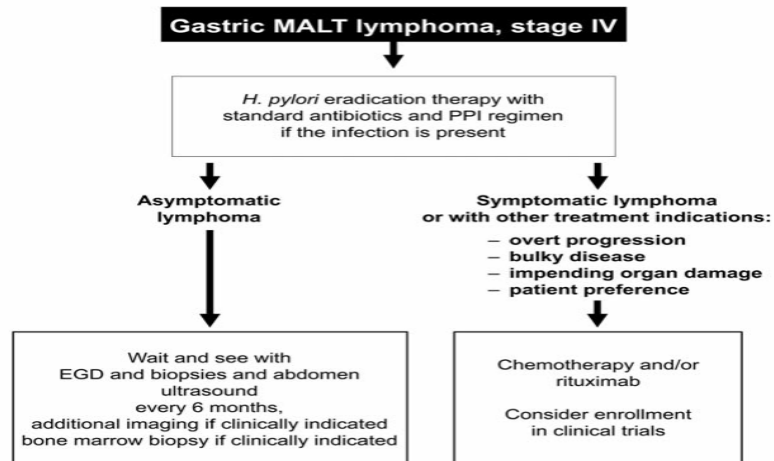
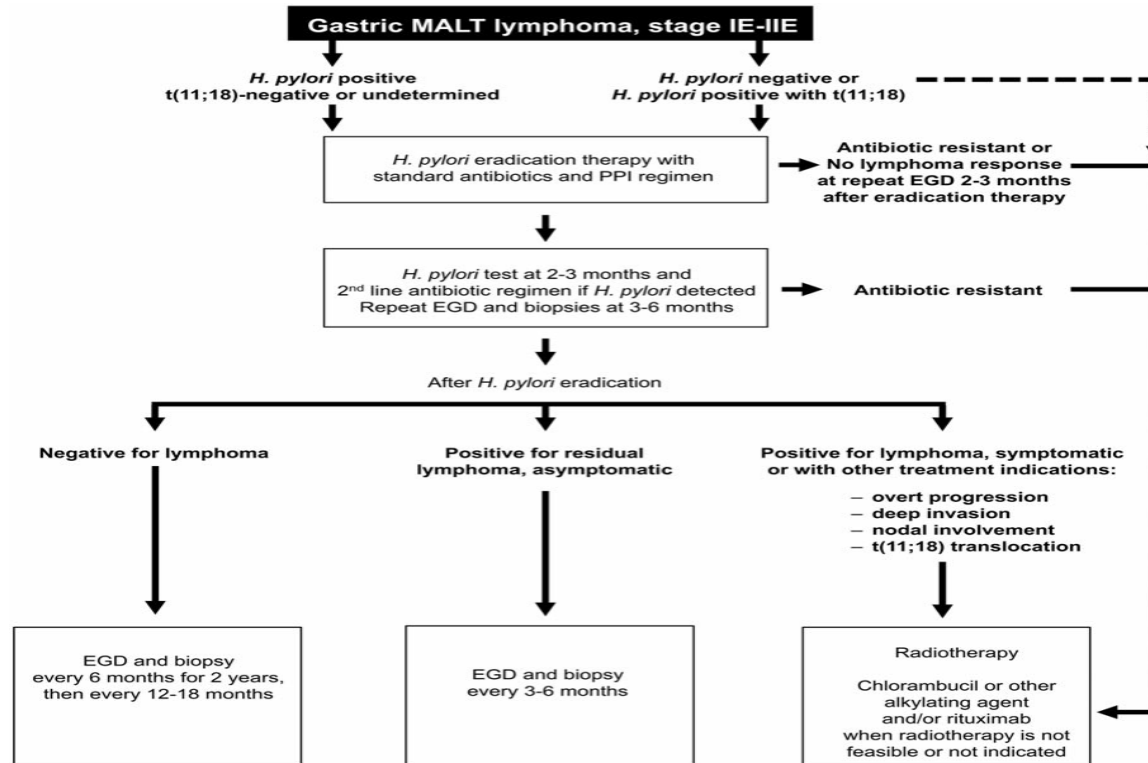
Abdo/Pelvis







# ESMO Preceptorship Programme

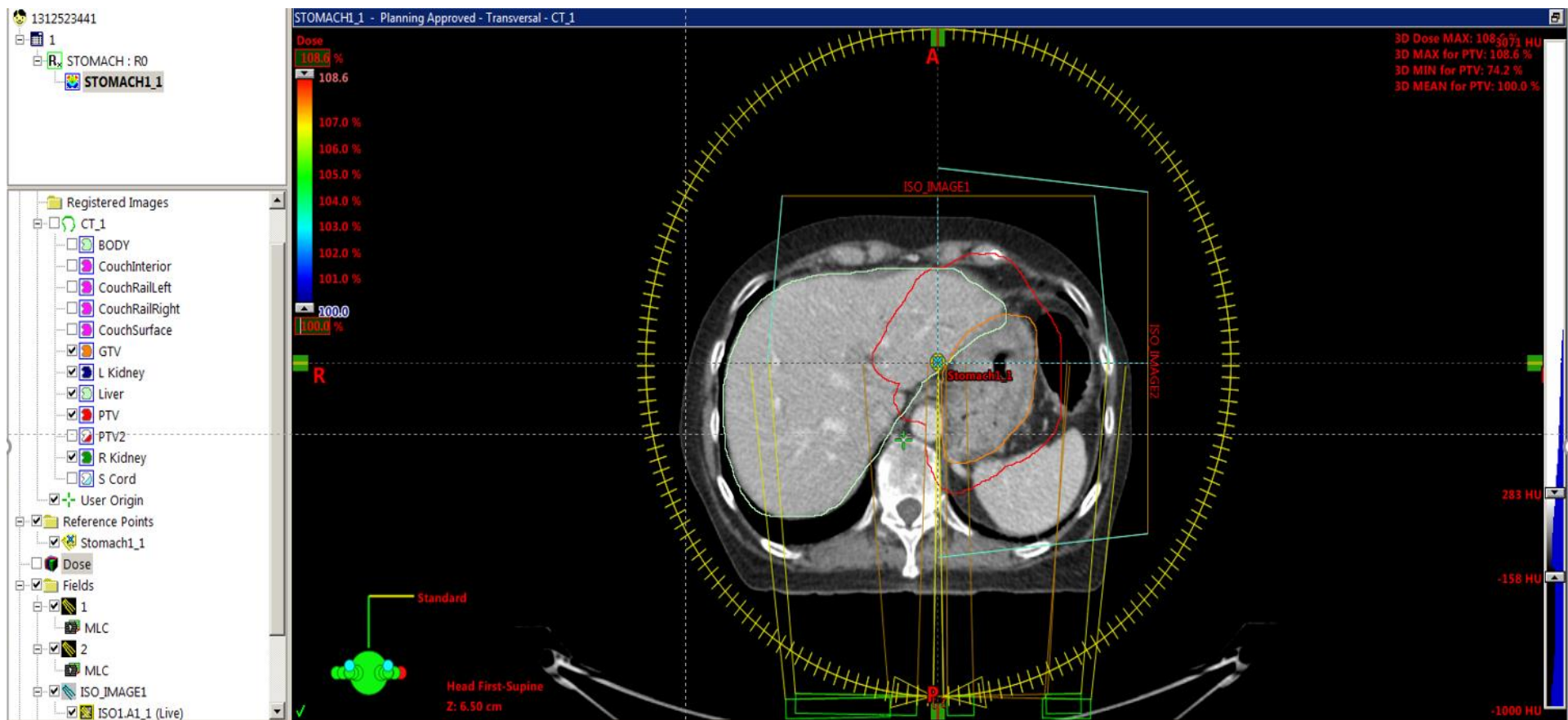


Further treatment:

radiotherapy 30 Gy in 15 fractions to the stomach only.

The surrounding lymphadenopathy were all subcentimeter and is similar to a year ago, it was excluded from the radiotherapy field .

DMSA scan has been done before starting radiotherapy.



Field ID	Technique	Machine/Energy	MLC	Field Weight	Scale	Gantry Rtn [deg]	Coll Rtn [deg]	Couch Rtn [deg]	Wedge	Field X [cm]	X1 [cm]	X2 [cm]	Field Y [cm]	Y1 [cm]	Y2 [cm]	X [cm]	Y [cm]	Z [cm]	Calculated SSD [cm]	MU	Ref. D [cGy]
1	ARC-I	TRI - 6X	VMAT	1.016	Varian IEC	181.0 CW 179.0	30.0	0.0	None	18.1	+8.8	+9.3	15.3	+7.6	+7.7	2.00	-4.00	5.00	88.0	203	
2	ARC-I	TRI - 6X	VMAT	0.977	Varian IEC	179.0 CCW 181.0	330.0	0.0	None	18.1	+9.3	+8.8	15.3	+7.6	+7.7	2.00	-4.00	5.00	88.0	195	
ISO_IMAGE1	STATIC-I	TRI - 6X		0.000	Varian IEC	0.0	0.0	0.0	None	20.0	+10.0	+10.0	20.0	+10.0	+10.0	2.00	-4.00	5.00	92.4		
ISO_IMAGE2	STATIC-I	TRI - 6X		0.000	Varian IEC	90.0	0.0	0.0	None	20.0	+10.0	+10.0	20.0	+10.0	+10.0	2.00	-4.00	5.00	88.7		



# ESMO PRECEPTORSHIP PROGRAM

Patient completed radiotherapy recently

She required anti-emetics while in treatment.

She will have a repeat endoscopy in 2 months time as well as CT scan.

# - Learning points

- Long indolent history
- Gastric MALT lymphoma is associated with *H. pylori* infection in up to 90% of cases.
- *H. pylori* eradication therapy must be given to all patients with gastric MALT prolonged histological remission in up to 70% of patients.
- Radiotherapy is the treatment of choice for stage 1A extranodal MALT lymphoma.