

Specialist Services

Laboratory/All Labs--S&ingle Day View

22/03/2024

10:17

Patient: Yang, Jialin

HCA: X3077596

DOB: 6/03/1985

Age: 39

Course: *All*

Protocol:

Stage:

Diagnosis: Malignant neoplasm of sigmoid colon [C18.7]

MD: Gerlinger, Marco

Histology: Adenocarcinoma, NOS [81403.00]

Date		29/02/2024	8/03/2024	21/03/2024	22/03/2024
Other Labs Indicator		!	!	!	!
Notes					
COVID-19 Results					
COVID-19					
Haematology					
Haemoglobin (g/L)	g/L	117 (130-170) L		117 (130-170) L	
WBC	x 10 ⁹ /L	6.2 (4.0-10.0)		4.7 (4.0-10.0)	
Neutrophils	x 10 ⁹ /L	4.4 (2.0-7.0)		2.3 (2.0-7.0)	
Lymphocytes	x 10 ⁹ /L	1.1 (1.0-3.0)		1.8 (1.0-3.0)	
Basophils	x 10 ⁹ /L	0.02 (0.02-0.10)		0.03 (0.02-0.10)	
Platelets	x 10 ⁹ /L	221 (150-410)		280 (150-410)	
MPV	fl	11.7 (9.0-12.0)		10.0 (9.0-12.0)	
Haematocrit (L/L)	L/L	0.338 (0.400-0.500) L		0.344 (0.400-0.500) L	
MCH	pg	30.8 (27-32)		31.5 (27-32)	
MCHC (g/L)	g/L	346 (315-345) H		340 (315-345)	
MCV	fl	88.9 (81-101)		92.7 (81-101)	
RBC	x 10 ¹² /L	3.8 (4.5-5.5) L		3.7 (4.5-5.5) L	
Eosinophils	x 10 ⁹ /L	0.16 (0.02-0.5)		0.20 (0.02-0.5)	
Auto Monocyte	x 10 ⁹ /L	0.5 (0.2-1.0)		0.4 (0.2-1.0)	
Comment(Haematology)					
Chemistry					
Sodium	mmol/L	137 (133-146)		134 (133-146)	
Potassium	mmol/L	3.9 (3.5-5.3)		4.4 (3.5-5.3)	
Creatinine (SI)	umol/L	81 (62-106)		75 (62-106)	
CrCl (C&G) SI	mL/min	89.04		97.41	
Uric Acid	umol/L	330 (200-430)		305 (200-430)	
Glucose	mmol/L	5.2 (4.1-6.0)		5.3 (4.1-6.0)	
Calcium	mmol/L	2.30 (2.10-2.55)		2.56 (2.10-2.55) ¹	
Corrected Calcium	mmol/L	2.22 (2.10-2.55)		2.38 (2.10-2.55)	
Albumin	g/L	47 (35-50)		52 (35-50) H	

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Date		29/02/2024	8/03/2024	21/03/2024	22/03/2024
Urea	mmol/L	5.5 (2.5-7.8)		4.6 (2.5-7.8)	
Total Protein	g/L	70 (60-80)		71 (60-80)	
Globulin	g/L	23 (20-40)		19 (20-40) L	
Cholesterol	mmol/L	4.5 (<5.0)		5.2 (<5.0) H	
Bilirubin	umol/L	4 (<21)		5 (<21)	
y-Glutamyl Transferase	iu/L	28 (8-61)		39 (8-61)	
Aspartate Transaminase	iu/L	34 (<41)		42 (<41) H	
Alanine Transaminase	iu/L	7 (<41)		23 (<41)	
Alkaline Phosphatase	iu/L	57 (30-130)		60 (30-130)	
C Reactive Protein	mg/L	22.2 (<5.0) H		< 0.6 (<5.0)	
Inorganic Phosphate	mmol/L	0.96 (0.80-1.50)		1.23 (0.80-1.50)	
(HCA) - Lactate dehydrogenase	U/l	344 (<251) H		150 (<251)	
NO LONGER IN .ONCOL 22/05/2023					
Magnesium	mmol/L				
Tumour Markers					
Tumour Markers HCA (Roche)					
(HCA) - PSA	ug/L				
(HCA) - Alpha fetoprotein	IU/mL				
(HCA) - Beta hCG	iu/L				
(HCA) - CEA	ng/mL			51 (<3.9) H	
(HCA) - CA125	kU/L				
(HCA) - CA15-3	kU/L				
(HCA) - CA19-9	kU/L			78 (<35) H	
Profiles Other					
Baseline Virology (HIV,HepB/C)					
HIV-1/2 Antibodies (ELISA)					
Hepatitis B Surface ANTIGEN					
Hepatitis B Core Antibody					
Hepatitis C Ab (ELISA)					
HbA1c					

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Date		29/02/2024	8/03/2024	21/03/2024	22/03/2024
Glycated Hb (HbA1c)	mmol/mol				
Vitamin D					
25 OH-Cholecalciferol (Vit D)	nmol/L	58 ³			
Clotting					
International Normalised Ratio		1.0 ⁴			
Prothrombin Time	Seconds	13.3 (11.9-15.9)			
APTT	Seconds	29.1 (25.0-39.0) ⁵			
Fibrinogen	g/L	4.4 (2.0-4.5)			
Haematinics					
Iron	umol/L	5.5 (5.8-34.5) ⁶			
Ferritin	ng/mL	293 (30-400)			
Iron Binding Saturation %	%	14.0 (20-50) ⁷			
Unsaturated Iron Bg. Capacity	umol/L	33.0 (22.3-61.7)			
Cholesterol					
HDL	mmol/L				
LDL (Calculation)	mmol/L				
Cholesterol/HDL Ratio	Ratio				
HDL/Cholesterol Ratio					
Non-HDL Cholesterol	mmol/L				
Triglyceride	mmol/L				
Cortisol					
Cortisol (Rand)	nmol/L				
Cortisol (Midnight)	nmol/L				
Cortisol (AM)	nmol/L				
Thyroid Function					
Free Thyroxine (FT4)	pmol/L				
TSH	mU/L				
Other Laboratory					
Chromogranin A	pmol/L				
5-HIAA	umol/24H				

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Laboratory/All Labs--Single Day View

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Other Labs				
MRSA Date Last Screen		29/2/24		29/2/24
RBC Folate ug/L	373 (126-750) ⁸			
Serum Folate ng/mL	6.8 (>3.8)			
Vitamin B12 pg/ml	978 (191-663) ⁹			
eGFR	> 90 ¹⁰		> 90 ¹¹	
RDW %	12.6 (11.6-14.0)		14.6 (11.6-14.0) ¹²	

Specialist Services

Patient: Yang, Jialin

Laboratory/All Labs--S&ingle Day View Footnotes

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#	Date	Type	Details	MD: Gerlinger, Marco
1	21/03/2024	Long	2.56 (2.10-2.55) H 7	
2	29/02/2024	Long	22.2 (<5.0) H 7	
3	29/02/2024	Note	25 OH-Cholecalciferol (Vit D): Reference values <div> <div>< 25</div> <div>Deficient</div> </div> <div> <div>25-50</div> <div>Insufficient</div> </div> <div> <div>> 200</div> <div>Suggest reduce dose of Vit D</div> </div>	
4	29/02/2024	Note	International Normalised Ratio: Therapeutic INR Ranges for patients on warfarin <div> <div>INR</div> <div>2 - 3</div> <div>AF, VTE</div> </div> <div> <div>2.5 - 3.5</div> <div>MVR, AVR, recurrent thromboembolism</div> </div>	
5	29/02/2024	Note	APTT: Note: Amended Reference Range	
6	29/02/2024	Long	5.5 (5.8-34.5) L 7	
7	29/02/2024	Long	14.0 (20-50) L 7	
8	29/02/2024	Note	RBC Folate: Red cell folate within the reference range.	
9	29/02/2024	Long	978 (191-663) H 7	
10	29/02/2024	Note	eGFR: Units are mL/min/1.73 m2. Interpret with regard to UK CKD Guidelines.	
11	21/03/2024	Note	eGFR: Units are mL/min/1.73 m2. Interpret with regard to UK CKD Guidelines.	
12	21/03/2024	Long	14.6 (11.6-14.0) H 7	