

## Specialist Services

## Laboratory/All Labs--S&amp;ingle Day View

19/04/2024

10:56

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		22/03/2024	5/04/2024	18/04/2024	19/04/2024
Other Labs Indicator		!	!	!	!
Notes					
<b>COVID-19 Results</b>					
COVID-19					
<b>Haematology</b>					
Haemoglobin (g/L)	g/L		119 (130-170) <b>L</b>	119 (130-170) <b>L</b>	
WBC	x 10 <sup>9</sup> /L		2.9 (4.0-10.0) <b>L</b>	5.4 (4.0-10.0)	
Neutrophils	x 10 <sup>9</sup> /L		1.1 (2.0-7.0) <sup>1</sup>	2.2 (2.0-7.0)	
Lymphocytes	x 10 <sup>9</sup> /L		1.3 (1.0-3.0)	2.1 (1.0-3.0)	
Basophils	x 10 <sup>9</sup> /L		0.05 (0.02-0.10)	0.07 (0.02-0.10)	
Platelets	x 10 <sup>9</sup> /L		259 (150-410)	212 (150-410)	
MPV	fl		10.0 (9.0-12.0)	10.4 (9.0-12.0)	
Haematocrit (L/L)	L/L		0.346 (0.400-0.500) <b>L</b>	0.355 (0.400-0.500) <b>L</b>	
MCH	pg		31.8 (27-32)	31.7 (27-32)	
MCHC (g/L)	g/L		344 (315-345)	335 (315-345)	
MCV	fl		92.5 (81-101)	94.7 (81-101)	
RBC	x 10 <sup>12</sup> /L		3.7 (4.5-5.5) <b>L</b>	3.8 (4.5-5.5) <b>L</b>	
Eosinophils	x 10 <sup>9</sup> /L		0.16 (0.02-0.5)	0.34 (0.02-0.5)	
Auto Monocyte	x 10 <sup>9</sup> /L		0.3 (0.2-1.0)	0.6 (0.2-1.0)	
Comment(Haematology)					
<b>Chemistry</b>					
Sodium	mmol/L		136 (133-146)	133 (133-146)	
Potassium	mmol/L		4.4 (3.5-5.3)	3.9 (3.5-5.3)	
Creatinine (SI)	umol/L		76 (62-106)	71 (62-106)	
CrCl (C&G) SI	mL/min		93.43	105.17	
Uric Acid	umol/L		299 (200-430)	298 (200-430)	
Glucose	mmol/L		5.0 (4.1-6.0)	4.9 (4.1-6.0)	
Calcium	mmol/L		2.38 (2.10-2.55)	2.32 (2.10-2.55)	
Corrected Calcium	mmol/L		2.26 (2.10-2.55)	2.18 (2.10-2.55)	
Albumin	g/L		49 (35-50)	50 (35-50)	

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Urea	mmol/L		3.3 (2.5-7.8)	5.1 (2.5-7.8)	
Total Protein	g/L		69 (60-80)	70 (60-80)	
Globulin	g/L		20 (20-40)	20 (20-40)	
Cholesterol	mmol/L		4.4 (<5.0)	4.4 (<5.0)	
Bilirubin	umol/L		8 (<21)	5 (<21)	
y-Glutamyl Transferase	iu/L		36 (8-61)	47 (8-61)	
Aspartate Transaminase	iu/L		51 (<41)H	39 (<41)	
Alanine Transaminase	iu/L		39 (<41)	42 (<41)H	
Alkaline Phosphatase	iu/L		53 (30-130)	84 (30-130)	
C Reactive Protein	mg/L		< 0.6 (<5.0)	< 0.6 (<5.0)	
Inorganic Phosphate	mmol/L		0.98 (0.80-1.50)	1.02 (0.80-1.50)	
(HCA) - Lactate dehydrogenase	U/l		133 (<251)	187 (<251)	
<b>NO LONGER IN .ONCOL 22/05/2023</b>					
Magnesium	mmol/L			0.85 (0.70-1.00)	
<b>Tumour Markers</b>					
<b>Tumour Markers HCA (Roche)</b>					
(HCA) - PSA	ug/L				
(HCA) - Alpha fetoprotein	IU/mL				
(HCA) - Beta hCG	iu/L				
(HCA) - CEA	ng/mL		37 (<3.9)H	18 (<3.9)H	
(HCA) - CA125	kU/L				
(HCA) - CA15-3	kU/L				
(HCA) - CA19-9	kU/L		34 (<35)	20 (<35)	
<b>Profiles Other</b>					
<b>Baseline Virology (HIV,HepB/C)</b>					
HIV-1/2 Antibodies (ELISA)					
Hepatitis B Surface ANTIGEN					
Hepatitis B Core Antibody					
Hepatitis C Ab (ELISA)					
<b>HbA1c</b>					

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Date		22/03/2024	5/04/2024	18/04/2024	19/04/2024
Glycated Hb (HbA1c)	mmol/mol				
<b>Vitamin D</b>					
25 OH-Cholecalciferol (Vit D)	nmol/L				
<b>Clotting</b>					
International Normalised Ratio					
Prothrombin Time	Seconds				
APTT	Seconds				
Fibrinogen	g/L				
<b>Haematinics</b>					
Iron	umol/L		16.7 (5.8-34.5)		
Ferritin	ng/mL		335 (30-400)		
Iron Binding Saturation %	%		30.0 (20-50)		
Unsaturated Iron Bg. Capacity	umol/L		38.2 (22.3-61.7)		
<b>Cholesterol</b>					
HDL	mmol/L				
LDL (Calculation)	mmol/L				
Cholesterol/HDL Ratio	Ratio				
HDL/Cholesterol Ratio					
Non-HDL Cholesterol	mmol/L				
Triglyceride	mmol/L				
<b>Cortisol</b>					
Cortisol (Rand)	nmol/L				
Cortisol (Midnight)	nmol/L				
Cortisol (AM)	nmol/L				
<b>Thyroid Function</b>					
Free Thyroxine (FT4)	pmol/L				
TSH	mU/L				
<b>Other Laboratory</b>					
Chromogranin A	pmol/L				
5-HIAA	umol/24H				

## Specialist Services

**Laboratory/All Labs--Single Day View**

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Protocol:

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Date	22/03/2024	5/04/2024	18/04/2024	19/04/2024
Other Labs				
RBC Folate ug/L		578 (126-750) <sup>2</sup>		
Serum Folate ng/mL		17.2 (>3.8)		
Vitamin B12 pg/ml		1144 (191-663) <sup>3</sup>		
eGFR		> 90 <sup>4</sup>	> 90 <sup>5</sup>	
RDW %		14.8 (11.6-14.0) <sup>6</sup>	14.8 (11.6-14.0) <sup>7</sup>	
MRSA Date Last Screen	29/2/24	29/2/24		29/2/24

#	Date	Type	Details
1	5/04/2024	Long	1.1 (2.0-7.0) L 7 MD: Gerlinger, Marco
2	5/04/2024	Note	RBC Folate: Red cell folate within the reference range.
3	5/04/2024	Long	1144 (191-663) H 7
4	5/04/2024	Note	eGFR: Units are mL/min/1.73 m2. Interpret with regard to UK CKD Guidelines.
5	18/04/2024	Note	eGFR: Units are mL/min/1.73 m2. Interpret with regard to UK CKD Guidelines.
6	5/04/2024	Long	14.8 (11.6-14.0) H 7
7	18/04/2024	Long	14.8 (11.6-14.0) H 7