

Haematology & Transfusion Medicine Unit

CME1

Dr Fatmawati Kamal

Head of HM & TMU

Introduction

- Haematology
 - CBC/ CBC-diff
 - Reticulocyte count (%)
 - Haemostasis
 - PT/ aPTT/ Ddimer, mixing test
 - Iron profile
 - Peripheral blood film
 - Special haematology

- Bone marrow, thrombophilia, factor assay, Hb analysis.
- Transfusion Medicine
 - Pre-transfusion testing
 - Group & crossmatch
 - DAT
 - Transfusion reaction investigation.

Filling up forms

- Clinical history
 - Relevant, correct
 - Sufficient
 - Tally with the test ordered.
 - Prev lab findings when applicable

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8. Tarikh Masuk Wad:		12. No. Laporan Dahulu:	-	13. Butiran Pe 101044
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		Kehiarga:	Contraction of the second s	Jaundice Bioge re
2. No. Laporan Dahulu:				Lamphadencyumy
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		16. Kategori Peritohouan'Jer	Klinikat Hematologi	(Bino Samilogi)
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15. Diagnosis: MSBA N	nfeitve endoce	B. Uma E. R	SR III IM Aup	Concession of the local division of the loca
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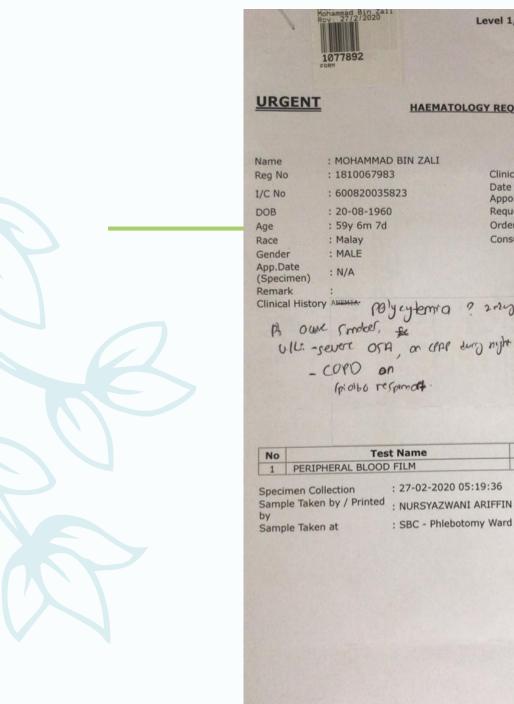
FORMS

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Lack of knowledge
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Test Name			
PERIPHERAL BLOOD FILM	Specimen WHOLE BLOOD	Location CPDRLSB	Priority URGENT
Taken by / Printed : NURS	-2020 05:19:36 YAZWANI ARIFFIN Phlebotomy Ward 1	A	RRIVED
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	CNSCH	Mff Jah 1 27 FEB:	releas . 20 8:31m

No.: 107789 nt ID: 1810-06 ne: Mohammad ample Comment:	7983 War	Adapter: 1	7 Pi Bir	
Positive		190.	WDF	
HGB 20.8 + [10^3/uL] 10^6/uL] g/dL]	<u>}</u>	SFL -	
MCV 90.8 MCH 29.5 MCHC 32.6	%] fL] pg] g/dL]			
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Department of Factory Level 1, UiTM Medical Specialist Center Faculty of Medicine UITM Sg Buloh Jalan Hospital 47000 Sg Buloh Selangor Phone: 03-6126 5000 Ext: 5215 UITM HAEMATOLOGY REQUEST FORM : SBC - Inpat Clinic / Ward Date of Admission / Clinic Appointment : DR. MUHAN Requested By : 27-02-2020 Ordered Date/Time Consultant in Charge : Clinical History AMERICA POlycytemia ? 2020 to Chronic hypotria. Prouve Frinder, for ULE - severe OFA, or CAPP 2000 might. Odrated for AEC. Location Specimen CPDRLSB WHOLE BLOOD : 27-02-2020 05:19:36 : SBC - Phlebotomy Ward 1 -> K3

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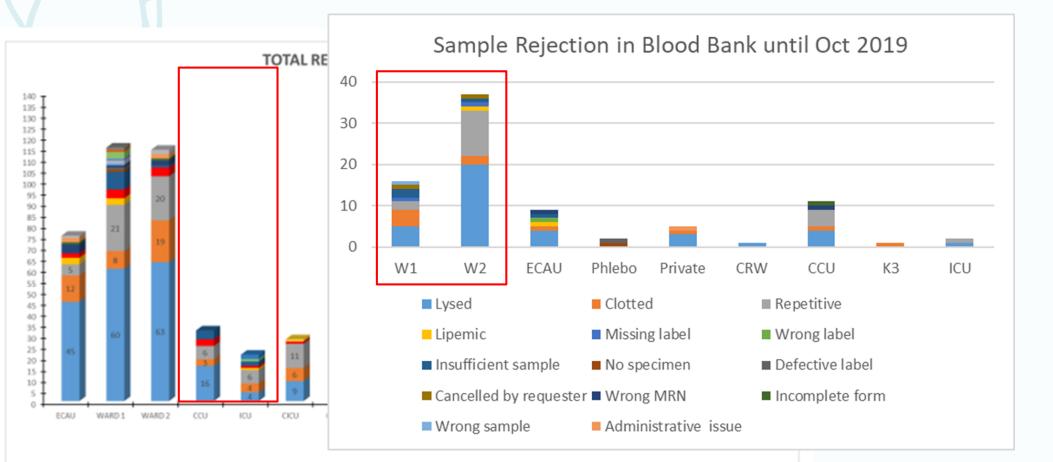
" I CINI FORM

1079154 FORM		Faculty of Medicine UiTM Sg Buloh Jalan Hospital 47000 Sg Buloh Selangor Phone: 03-6126 5000 Ext: 5215		
URGEN		DGY REQUEST FORM		
Name Reg No I/C No DOB Age Race Gender App.Date (Specimen) Remark Clinical Hist	: : : : : : : : : : : : : :		: SBC - Inp : : C : 11-03-20 :	
No	Test Name	Specimen	Location	
1 PER	IPHERAL BLOOD FILM	WHOLE BLOOD	CPDRLSB	
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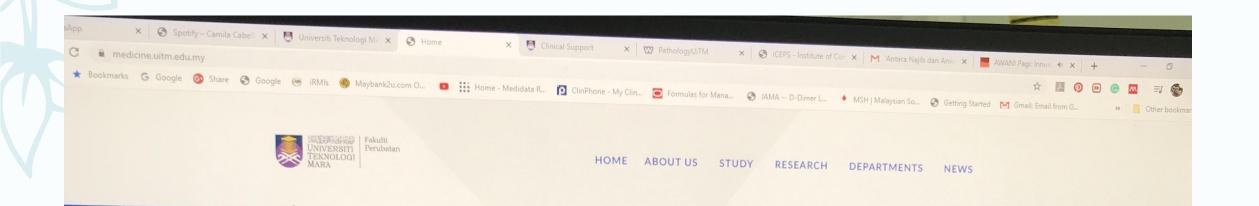
Sample No.: 107915 Patient ID: CTC004 Name: Membunga Sample Comment:	5402 5832 Ward: Binti Salle	Adapter: 1 Pos.: 10 Doc Birth: 1 Nice	
Positive Morph. Count		WDF	
WBC 8.23 RBC 3.74 HGB 9.3 HCT 28.5 MCV 76.5 - MCH 24.9 - MCHC 32.5 PLT 361 RDW-SD 54.9 RDW-CV 19.5 + PDW 10.6 P-LCR 23.8 PCT 0.36 NEUT 4.92 * LYMPH 2.17 * MONO 0.87 * EO 0.22 BASO 0.05 IG 0.01 * RET IRF LFR HFR HFR RET-HE	<pre>[10^3/uL] [10^6/uL] [g/dL] [%] [fL] [pg] [g/dL] [10^3/uL] [fL] [%] [fL] [%] [%] [%] [%] [%] [0^3/uL] 26.4 * [10^3/uL] 26.4 * [10^3/uL] 2.7 [10^3/uL] 0.6 * [10^3/uL] 0.1 * [%] [%] [%] [%] [%] [%] [%]</pre>	RET * [%] * [%] [%] [%] [%]	

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Diagnosis	Diagnosa Sebab tranfusi darah pr€ -0 P
	Ya/Tidak darah yang terakhir
	Sekiranya pesakit seorang wanita, nyatakan → Bil. Kehamilan Bil. Lahir Mati Tanda-tanda "Haemolytic Disease of Newborn" transfusion Contoh darah dilabel oleh Units/mls Units/mls Units/mls Units/mls
	Conton daring dambed dambed dam WHOLE BLOOD PLATELET CONCENTRATE Nama Moralina PACKED CELLS PLATELET CONCENTRATE Tandatangan PACKED CELLS CRYOPRECIPITATE Tarikh 24-2-2020 FRESH FROZEN PLASMA Waktu 09.40 pági/petang CRYOSUPERNATANT
	Nota:- Bekalan diperlukan (1) Sila hantarkan 5ml contoh darah dalam tiub tanpa antibekuan. Bekalan diperlukan (2) Dalam keserasian darah memerlukan masa 2 jam. Bila darah diperlukan dengan segara, ujian keserasian darah memerlukan masa 2 jam. Bila darah diperlukan dengan segara, ujian keserasian darah nenggunakan darah tersebut bertanggungjawa darah segerashan darah pergawai Perubatan yang segara masalah yang timbul sekiranya ada. Untuk kes-kes yang tidak memerlukan darah deraga segara, hantarkan (a) Serta merta, tanpa ujian keserasian darah (untuk menyelamatkan nyawa) (b) Segara (lihat Nota 2) (b) Segara (lihat Nota 3) (c) Pada jam jam jam jam jam jam jam jam jam ja
	 Contoh darah 24 jam lebih awal. (3) Darah yang tidak digunakan pada waktu yan ditetapkan dalam tempoh 24 jam akan dibatalkan kecuali pegawai Perubatan meminta dipanjangkan tempoh simpanannya. (4) MUSTAHAK- Sila beritahu PPD dengan segera sekiranya darah yang disini tatidak diperlukan. (5) AMARAN: Setiap tranfusi darah membawa risiko kecit infeksi. (6) AMARAN: Setiap tranfusi darah membawa risiko kecit infeksi. (7) WARNING: Every blood transfusion carries a small risk of infection.
	KHAS UNTUK KEGUNAAN KAKITANGAN MAKMAL PUSAT PERKHIDMATAN DARAH Anti Anti Anti Anti Sel Sel Sel Rh Kump. Tuteoroon Tarikh
	Permintaan diterima T/Tangan A B AB A B O D Darah (Pargan & masa
	Tarikh Waku 1272 10000 141 141 141 141 141 141 141 141 141 141 111 1000 111 1000 111 1000 111 1000
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Rejection rate



Recommendations	Grade
Do not offer thrombophilia testing during the acute thrombotic event or prior to initiation of anticoagulant therapy	В
Do not offer thrombophilia testing to patients who are continuing anticoagulant treatment	В
Consider testing for APA and LA in patients who have had unprovoked DVT or PE if it is planned to stop anticoagulant treatment	В
Consider testing for hereditary thrombophilia in patients who have unprovoked DVT or PE and who have a first-degree relative who has had a DVT or PE if it is planned to stop anticoagulant treatment	С
Do not offer thrombophilia testing to patients who have had a provoked DVT or PE	А
Do not offer thrombophilia testing in women with a previous VTE associated with pregnancy or the oral contraceptive pill	С
Do not offer thrombophilia testing to first-degree relatives of patients with thrombophilia who have had a DVT or PE	В
Do not offer thrombophilia testing to patients who have had an arterial thrombosis but consider APA and LA if there are no other risk factors	В
Do not offer thrombophilia testing in recurrent miscarriages or pregnancy losses except for APA and LA	В
Neonates and children with purpura fulminans should be tested urgently for protein C or protein S deficiency	А





Passion for Excellence, Compassion for People

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specialist training in medicine.

- In providing produce/generate/ deliver relevant, translational, fundamental and cutting-edge research in medicine.
- · In the provision of medical services .



UNDERGRADUATE

The undergraduate programme, MBBS440 is a 5-years MQA accredited programme that consist of pre-clinical and clinical studies. It involves 3 campuses in Sg. Buloh,Selayang & Teluk Intan Read More

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POSTGRADUATE

Professional Masters in Clinical Medicine are offered in Medicine, Psychiatry,Primary Care and Pathology. Fellowships, Masters and PhD are also offered *Read More*



RESEARCH

Medical research is under the facilitation of the Research Secretariat of the faculty as well as the university's IRMI. There are also substantial number of state of the art facilities of research within the campuses *Read More*

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SLINICAL SERVICE

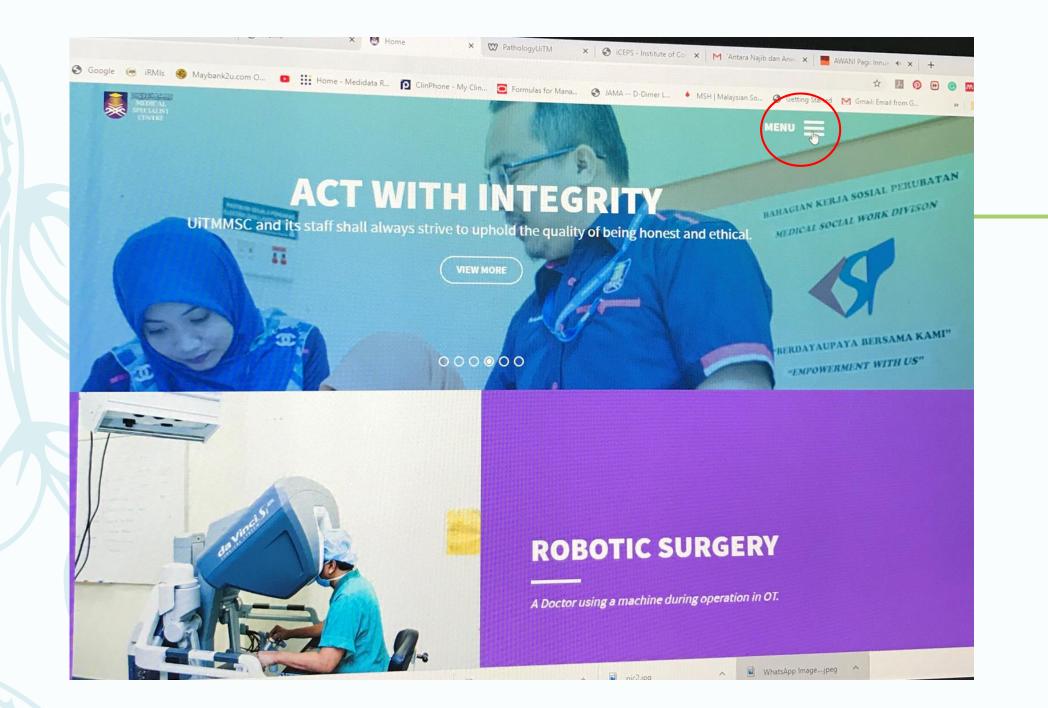
UiTM Medical Specialist Centre (PPUiTM) is currently providing services to the community in Selayang and Sungai Buloh. UiTM Private Specialist Centre (UiTMPSC) provides the cutting-edge medical services namely robotic surgery and others Click here for PPUITM

Click here for UITMPSC

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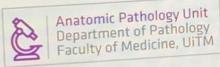


Department of Pathology

Universiti Teknologi MARA Medical Centre (UiTMMSC)

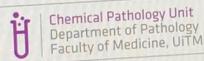
Department of Pathology is an accredited medical laboratory that encompasses five pathology disciplines, namely Anatomic Pathology Unit, Chemical Pathology Unit, Haematology & Transfusion Medicine Unit, Medical Genetic Pathology Unit and Forensic Pathology Unit.

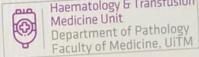
Department of Pathology caters for both diagnostic and research service. It is located on the first floor of the UiTM Medical Specialist Centre (UITMMSC), UITM Sungai Buloh Campus and on the 5th floor of the UITM Medical Specialist Centre, UITM Selayang Campus. Haematology & Transfusion



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Forensic Medicine Unit Medical Genetics Unit Department of Pathology Department of Pathology Eaculty of Modicino LIITM pic3.jpg ~

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Contacts

Department of Pathology Level 1, UiTM Medical Specialist Centre, UiTM Sg. Buloh Campus, 47000, Jalan Hospital, Sg. Buloh, Selangor, MALAYSIA

Central Specimen Reception (CSR) 03-61265000 ext 5215 Anatomic Pathology 03-61265000 ext 5053 / 5244 Chemical Pathology/Haematology & Blood Bank 03-61265000 ext 5215 / 5209

UiTM Medical Centre Selayang 03-61264813

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CHEMICAL PATHOLOGY SPECIMEN REJECTION JAN_JUNE 2018

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CUSTOMER EDUCATION SERIES HANDOUTS CES 2018 CES 2017

FORMS

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COMPLAINT FORM CUSTOMER SATISFACTION SURVEY FORM RRF Research Request Form P&M July 2018 Borang Pembayaran Perkhidmatan Makmal BPPM THALASSAEMIA DNA ANALYSIS FORM (WITH MALAY LANGUAGE CONSENT FORM) THALASSAEMIA DNA ANALYSIS FORM (WITH ENGLISH LANGUAGE CONSENT FORM)

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