

## **INTRODUCTION**

Primary Care Medicine (PCM) UiTM was established in 2005 and during the early days of the Faculty of Medicine (FOM), the discipline contributed towards the establishment of the medical undergraduate curriculum and the planning of the faculty's infrastructure. PCM was among one of the first discipline from the FOM to offer clinical specialist training under the postgraduate Masters in Family Medicine (MMed Fam Med). The discipline started with a modest two clinical lecturers and have since, expanded into the department of Primary Care Medicine with 18 clinical lecturers. The department is proud to have a dynamic and passionate team of lecturers who are highly devoted to make our common mission and vision of the future a reality.

## **LOGO**



## **MISSION AND VISION**

The mission and vision of Primary Care Medicine is in line with the Faculty of Medicine mission and vision.

### **Our Mission**

To drive the advancement of Primary Care Medicine Discipline towards academic excellence, quality primary care services and translational research.

To produce highly motivated and accomplished doctors with a solid scientific foundation imbued with strong humanistic values, to lead the medical profession

### **Our Vision**

To become world renowned leaders and key players in spearheading academic excellence, quality services and translational research in primary care and to influence primary care practice worldwide

## **THE PRIMARY CARE MEDICINE UNDERGRADUATE PROGRAMME.**

Primary Care Medicine is an integral part of the UiTM Faculty of Medicine undergraduate programme. In 2005, Primary Care Medicine posting was introduced in Year 3 for 6 weeks followed by another 3.5 weeks in Year 5. This was applied to the pioneer batch of 19 students. However, in order to reap the utmost benefit from the Primary Care Medicine posting, it was identified that students ought to be exposed to the major postings first such as medical and surgical, thus, in 2006, PCM posting was introduced in Year 4 for a total of 4 weeks followed by 7 weeks in year 5. In 2008, the programme was again revamped during the Faculty Curriculum Review and further endorsed by the MQA. The Primary Care Medicine Posting was changed to 8 weeks in Year 4 and this has been ongoing since. The faculty is constantly reviewing its curriculum to ensure the best training is delivered and the programme will be revamped again in 2021. The growth and evolution of the PCM undergraduate programme is a testament to our commitment in providing the best and comprehensive exposure towards primary care medicine to our medical undergraduates.

Students are exposed to our PCM specialist clinics, PCM postgraduate training clinics as well as MOH health clinics where they observe management of acute cases, chronic disease care, emergency treatment, maternal and child health clinics and school-based immunization programmes. Students are involved in screening and exposed to conducting a clinical audit. Students are also scheduled to attend palliative care lectures and home visits.

### **General Objectives**

**By the end of the primary care medicine posting, students should be able to:**

- Establish effective communication skills when dealing with patients, their family members and health care professionals
- Obtain comprehensive history and perform competent clinical examinations
- Develop problem-solving skills to diagnose common medical problems in Primary Care
- Manage common medical problems and chronic diseases in Primary Care with consideration to prevention, health promotion and cost-effectiveness.
- Apply patient-centred approach with dignity and respect
- Recognize the environmental, psychological and social impact of diseases on illness behaviour
- Apply the principles of evidence-based medicine and translate clinical practice guidelines into daily clinical practice
- Perform clinical audit as a tool to monitor quality of care
- Develop leadership qualities and managerial skills
- Adapt life-long learning skills through continuous professional development activities

## THE POSTGRADUATE PROGRAMME (MD 773)

Masters of Medicine (Family Medicine) was started in Faculty of Medicine UiTM in the year 2010. The first intake was in June 2011 with three students. Since then, the programme has expanded and to date (2019) we have a total of 40 students with an average intake of 12 students per year. The semester starts in June.

The general objective of the Masters in Medicine (Family Medicine) is to provide in-depth training to doctors who will become Family Medicine Specialist so as to meet the demanding health care needs of a fast developing nation that includes chronic disease care, acute care, maternal and child health as well as specialist community health care needs e.g. elderly clinics, adolescent clinics, community mental health clinics etc...

### Selection Criteria

The student should have:

- I. acquired the degree of Bachelor of Medicine and Bachelor of Surgery or an equivalent medical qualification approved by the Senate.
- II. possessed a full registration with the Malaysian Medical Council (MMC).
- III. at least **1 year of post-registration clinical experience** as approved by the University senate.
- IV. passed the entrance evaluation which consists of an interview or any form of assessment deemed necessary by the Department responsible and the Faculty of Medicine.

### The application process (intake is in June)

For KKM candidates

- I. Refer to KKM for application for Masters programme.
- II. Sit for the pre-requisite entrance examinations around November
- III. An interview is held around December by conjoint board of Family Medicine and MOH

For private candidates or trainee lecturer

- I. Contact the Head of Department Primary Care Medicine UiTM
- II. Apply via Universiti Teknologi MARA (Sungai Buloh campus) human resource (application form can be obtained from the Deanery's office)
- III. Candidates who are short-listed will be interviewed by the Faculty of Medicine, UiTM
- IV. Candidates may be asked to sit for the pre-entranced examinations.

**(Candidates can apply at any time but the Masters programme starts in June and the process may take some time)**

### Learning Outcome

By the end of the Masters of Medicine (Family Medicine) programme, successful candidates will be awarded with the Masters Degree in Family Medicine. Successful candidates who have been awarded with such qualification should be able to:

1. Competently provide both short and long term comprehensive primary care management to the patient.
2. Demonstrate the attributes and function independently as a Family Medicine Specialist.
3. Critically analyse and solve problems professionally based on current scientific evidence.
4. Apply evidence-based medicine and translate clinical practice guidelines recommendations into daily clinical practice.
5. Communicate effectively with patients, their family members and health care professionals.
6. Act as gatekeepers and coordinate patient management in the primary health care system competently.
7. Exhibit humanistic, ethical and professional approach in providing holistic management to the patient.
8. Take initiative for self development through identifying own learning needs.
9. Lead the primary health care team in clinical services, collaborating with relevant organization to improve quality in primary care.

## PROGRAMME STRUCTURE AND OVERVIEW FOR PHASE 1

Hospital Major Postings – 1 year

Hospital Minor Postings – 6 months

Total Duration – 1.5 years

### YEAR 1

No	Postings	Duration	Location
1.	<b>Intensive Introductory Week</b>	1 week	Primary Care Specialist Centre, UiTM Sungai Buloh Campus.
2.	<b>Major Postings:</b> <ul style="list-style-type: none"> <li>• Internal Medicine:</li> <li>• Paediatrics:</li> <li>• Obstetrics &amp; gynaecology</li> </ul>	24 weeks (6 months) 12 weeks (3 months) 12 weeks (3 months)	UiTM implements a closed system whereby the two hospitals with MOU and as accredited by National conjoint board are: <ul style="list-style-type: none"> <li>• Hospital Selayang</li> <li>• Hospital Sungai Buloh</li> </ul>
3.	Institutional intensive course and semester teaching includes clinical and consultation skills for Paeds, O&G and medicine, Mock Part 1 SBAQ and Mock Part 1 OSCE.	Total = 1.5 weeks	Primary Care Specialist Centre, UiTM Selayang campus.
4.	<b>Part I examination</b> <ul style="list-style-type: none"> <li>• <i>1 Case write up</i></li> <li>• <i>Log book</i></li> <li>• <i>Leave report</i></li> <li>• <i>Supervisor's report</i></li> </ul>	Theory exam week Clinical exam week Total = 1.5 weeks	Examination Centre: University from one of the Conjoint Board Members.
<b>Total</b>		<b>52 weeks</b>	

### YEAR 2 Short posting (Phase I)

No	Postings	Duration	Location/Description
1.	<b>Short Postings</b> <ol style="list-style-type: none"> <li>1. Otorhinolaryngology</li> <li>2. Ophthalmology</li> <li>3. Psychiatry</li> <li>4. Orthopaedics</li> <li>5. Surgery</li> <li>6. Dermatology</li> </ol>	4 weeks (1 month) 4 weeks (1 month) 4 weeks (1 month) 4 weeks (1 month) 4 weeks (1 month) 4 weeks (1 month)	UiTM implements a closed system whereby the two hospitals with MOU and as accredited by National conjoint board are: <ul style="list-style-type: none"> <li>• Hospital Selayang</li> <li>• Hospital Sungai Buloh</li> </ul>
	<b>Total</b>	<b>24 weeks</b>	

### PROGRAMME STRUCTURE & OVERVIEW FOR PHASE II YEAR 2 & 3

- Institutional Primary Care Training + Palliative Care Posting + Emergency Medicine (18 months)
- Total Duration – 1.5 years

#### YEAR 2

No.	Postings	Duration	Location/Description
1.	<b>Institutional Primary Care Training:</b> <ol style="list-style-type: none"> <li>1. Preventive Medicine</li> <li>2. Acute cases Management</li> <li>3. Chronic disease Management</li> <li>4. Elderly &amp; Rehabilitation Medicine</li> <li>5. Evidence Based Medicine</li> <li>6. Maternal &amp; Child Health</li> <li>7. Practice Management &amp; Clinical Audit                             <ul style="list-style-type: none"> <li>• <i>Audit presentation</i></li> </ul> </li> </ol>	24 weeks (6 month)	<b>Primary Care Specialist Centre, UiTM Sungai Buloh &amp; Selayang Campus</b> <ul style="list-style-type: none"> <li>• Clinical Training – 8 sessions with 1 daytime on-call</li> <li>• Teaching Session – 1 session per week</li> <li>• Journal Club- 1 session per week</li> <li>• Audit presentation preparation – 2 sessions in 6 months</li> </ul>
	<b>Total</b>	<b>6 months</b>	

### PROGRAMME STRUCTURE & OVERVIEW FOR PHASE II YEAR 2 & 3

- Institutional Primary Care Training + Palliative Care Posting + Emergency Medicine (18 months)
- Total Duration – 1.5 years

#### YEAR 3

No.	Postings	Duration	Location/Description
1.	<b>Institutional Primary Care Training</b> <ol style="list-style-type: none"> <li>1. Preventive Medicine</li> <li>2. Disease Management</li> <li>3. Elderly &amp; Rehabilitation Medicine</li> <li>4. Evidence Based Medicine</li> <li>5. Maternal &amp; Child Health</li> <li>6. Practice Management and Quality improvement</li> <li>7. Research / Thesis work including data collection and analysis / supervision                             <ul style="list-style-type: none"> <li>• <i>Research diary</i></li> </ul> </li> </ol>	34 weeks	<b>1. Primary Care Specialist Centre, UiTM Sungai Buloh/Selayang Campus</b> Clinics: 6-8 sessions/ week with 1 daytime on-call. Teaching Session: 1 session per week Journal Club: 1 session per week <i>Research work: 1 – 2 days per week (Total maximum = 30 days)</i>
	Palliative Care Posting	4 weeks (1 month)	HOSPIS Malaysia
	Emergency Medicine	4 weeks (1 month)	Hospital Sungai Buloh Hospital Selayang
	Phase 2 health clinic posting ( <b>optional</b> )	8 weeks (1-2 months)	Health clinics with MOU Optional and only for those who have

			completed their tasks e.g. audit and DRP / if enough PG in the UiTM Clinic.
5.	<b>Part II examination</b> <ul style="list-style-type: none"> <li>• <i>Leave report</i></li> <li>• <i>Supervisor's report</i></li> </ul>	Theory exam week Clinical exam week Total = 2 weeks	
	<b>Total</b>	<b>52 weeks</b>	

#### PROGRAMME STRUCTURE & OVERVIEW FOR PHASE III YEAR 4

- Primary Health Care Clinic postings
- Institutional Primary Care Training
- Total Duration – 1 year

No	Postings	Duration	Location/ Description
1.	<b>Primary Health Care Clinic Posting</b>	40 weeks	<b>Any Health Clinics in the MOH which are accredited by Medical Faculty of UiTM and the University Senate.</b> <ul style="list-style-type: none"> <li>• <i>Reflective diary</i></li> </ul>
2.	<b>Institutional intensive course:</b>	11 weeks (cumulative total)	<b>Primary Care Specialist Centre, UiTM Selayang / Sungai Buloh Campus</b> 2 days per week throughout Year 4 <ul style="list-style-type: none"> <li>• Clinic follow up: 1 day per week</li> <li>• Research/ thesis / PD/ FCS writing: 1 day per week (<i>research diary</i>)</li> </ul>
4.	<b>Part III Examination</b> <ul style="list-style-type: none"> <li>• <i>Accepted case report in indexed journal OR 2 CWU</i></li> <li>• <i>Passed thesis</i></li> </ul>	Thesis viva and Practice Diary viva Total = 1 week	
	<b>Total</b>	<b>52 weeks</b>	

## HISTORY OF PRIMARY CARE MEDICINE CLINICAL SERVICES

In the beginning of the establishment of Primary Care Medicine UiTM in 2005, the Primary Care Lecturers held clinics at the health centre in UiTM Shah Alam Campus. The lecturers also held clinics at Klinik Kesihatan Taman Ehsan and Klinik Kesihatan Sungai Buloh. In 2010 when UiTM Selayang Campus was opened, Discipline members started conducting their specialist clinic in Selayang campus. In 2011, the Discipline also provided specialist clinic services at Clinic 1, Clinical Training Centre (CTC) when UiTM Sungai Buloh Campus was opened. In 2012, our first batch of postgraduate students started their training at Clinic 2, CTC whilst waiting for the completion of the Primary Care Specialist Centre due in 2013.

In 2013, Primary Care Specialist Centre in Sungai Buloh Campus was completed and was named clinic 3 where it hosts the PCM postgraduate walk-in clinic. In February 2014, UiTM Selayang Campus became Primary Care Specialist Centre (PCSC). PCSC runs FMS specialist clinics, postgraduate walk-in and chronic disease clinics as well as staff and student clinic. PCSC is expanding and has incorporated clinic level 3 accommodating adolescent and wellness clinic. Primary Care Medicine Discipline also conducts screening programmes and community health screening. To date (2016), we have been involved in the screening of our Polis Bantuan (2012), UiTM FC (2016 - 2018) and IPD Sungai Buloh (2016). Primary Care Medicine has started conducting two monthly clinical tea meeting since middle of 2016 for all our clinic staff, postgraduate trainees and heads of various departments including pharmacy, receptionist, treasury, police, facility, IT to discuss the smooth running of the clinic.

## RESEARCH AND PUBLICATION

The primary care medicine has established itself in the fields of research and has produced extensive publications since 2006 as well as countless oral and poster presentations. The primary care lecturers have won several oral and poster presentation awards over the years.

The lecturers within the discipline have a wide range of research interests and have dedicated their time and effort in obtaining research grants and publishing manuscripts. The lecturers are also supervising Master's thesis and audits.

### 2019

No	TITLE	AUTHORS	JOURNAL	ISI/SCOPUS
1	Unilateral Facial Weakness. Oman Med J. 2019 Sep; 34(5): 472–473.	Mohd Zulhilmie Mohd Nasir and Khasnur Abd Malek*	Oman Medical Journal	Scopus



2	<a href="#">Pleuritic chest pain and fever: An unusual presentation of aortic dissection. Malays Fam Physician. 2019 Apr 30;14(1):47-52. eCollection 2019.</a>	Mohamed Syarif Mohamed Yassin, Noorhida Baharudin, Anis Safura Ramli, Hashim H.	MFP	Scopus
3	The Primary Health Care Performance Initiative (PHCPI): Issues and Challenges for Malaysia as a Trailblazer Country. JCHS. 2019; 4(1): 4-21	Anis Safura Ramli, Sri Wahyu Taher, Zainal Fitri Zakaria, Norsiah Ali, Nurainul Hana Shamsuddin, Wong Ping Foo, Nor Hazlin Talib, Shaiful Bahari Ismail.	JCHS	
4	Validation study of the Parent Attitudes About Childhood Vaccines (PACV) questionnaire: The Malay version	Haizlene Abd Halim, Suraya Abdul-Razak, Mazapuspavina Md Yasin, and Mohamad Rodi Isa	HUMAN VACCINES & IMMUNOTHERAPEUTICS	ISI
5	Multi-faceted intervention to improve the antibiotic prescriptions among doctors for acute URI and acute diarrhoea cases: the green zone antibiotic project. 26(4):101-109	Kim Teng Hay, Farnaza Ariffin, Benedict LH Sim, Sheun Yin Chin, Ammar Che Sobry.	Malaysian Journal of Medical Sciences	Scopus
6	Isolated Bilateral Pinna Swelling: A Rare Initial Presentation Of Leprosy	Salma Yasmin Mohamad Yusof, Ilham Ameera Ismail, Mazapuspavina Md Yasin	Open Access Maced J Med Sci	Scopus
7	Acute Vestibular Neuritis In An 8-year-old Child With Chicken Pox	Ilham Ameera Ismail, Shaun Paul Wayn, Khasnur Abdul Malek	Journal of Family Medicine Forecast	Scopus

## 2018

No	TITLE	AUTHORS	JOURNAL	ISI/SCOPUS
1	Adaptation, translation and validation of the Diabetes in the Offspring Questionnaire (DMOQ): The Malay version. Medical Journal of Malaysia. 2018. 73(1):16-24	SF Badlishah Sham, AS Ramli, MR Isa, HY Wen, DL Whitford.	Medical Journal of Malaysia	Scopus
2	Relationship between self-efficacy, self-care behaviour and glycaemic control among patients with type 2 diabetes mellitus in the Malaysian primary care setting. BMC Fam Pract. 2018; 19: 39.	Zahirah Tharek, Anis Safura Ramli*, David Leonard Whitford, Zaliha Ismail, Maryam Mohd	BMC Fam Pract	ISI

		Zulkifl, Siti Khuzaimah Ahmad Sharon, Asrul Akmal Shafie and Thevaraajan Jayaraman		
3	Determinants of Patient's Satisfaction towards Hospital Services in a Specialist Centre. Pertanika J. Sci. & Technol. 25 (S): 169 - 178 (2017)	Siti Munira Yasin*, Nazri Syamil Abdull Latip, Farnaza Ariffin, Hilwati Hashim and Mazlifah Omar	Pertanika J. Sci. & Technol.	Scopus
4	Comparable Enhanced Prothrombogenesis in Simple Central Obesity and Metabolic Syndrome 1,2 Journal of Obesity. (2018): 1-6 6 <a href="https://doi.org/10.1155/2018/8508549">https://doi.org/10.1155/2018/8508549</a>	Noor Shafina Mohd Nor , Hanis Saimin, Thuhairah Rahman, Suraya Abdul Razak, Nadzimah Mohd Nasir, Zaliha Ismail, and Hapizah Mohd Nawawi	Journal of Obesity	Scopus
5	Validity and reliability of the patient assessment on chronic illness care (PACIC) questionnaire: the Malay version.  BMC Family Practice 2018 19:119 DOI: 10.1186/s12875-018-0807	Suraya Abdul-Razak, Anis Safura Ramli, Siti Fatimah Badlishah-Sham, Jamaiyah Haniff	BMC Fam Pract	ISI
6	Knowledge, awareness and practice regarding familial hypercholesterolaemia among primary care physicians in Malaysia: The importance of professional training. Atherosclerosis. 2018 Oct;277:508-516. doi: 10.1016/j.atherosclerosis.2018.08.018.	A.B. Azraii, A.S. Ramli, Z. Ismail, S. Abdul-razak, A. Mohd-kasim, N. Ali, M.H. Jamal, H. Nawawi	Atherosclerosis	ISI

7	Acute Vestibular Neuritis in an 8-Year-Old Child with Chicken Pox. J Fam Med Forecast. 2018; 1(2): 1012.	Ismail IA, Paul-Wayn S and Malek KA*	Journal of Family Medicine Forecast	
8	Septic Arthritis of the Knee and Necrotizing Fasciitis in a Young Immunocompetent Adult: A Case Report. Journal of Clinical and Health Sciences 3 (2), 56-61	HN Miptah, SF Badlishah-Sham, S Lloyd, AS Ramli	JCHS	
9	Physician-patient interaction satisfaction and its influence on medication adherence and type-2 diabetic control in a primary care setting. Medical Journal Malaysia. 2018;73(3):168-169	Nik Munirah Nasir, Farnaza Ariffin, Siti Munira Yasin.	Malaysian Medical Journal	Scopus
10	Hypopigmented patches in an 8-year-old boy	Khasnur Abd Malek, Wan Syameen Afira Wan Ahmad Kamal	Malaysian Family Physicians	Scopus

## 2017

No	TITLE	AUTHORS	JOURNAL
1	<a href="#">An assessment of patient waiting and consultation time in a primary healthcare clinic</a>	BA Ahmad, K Khairatul, <b>A Farnaza</b>	Malaysian Family Physician: the Official Journal of the Academy of Family Physicians of Malaysia
2	<a href="#">Socio-demographic determinants of Toxoplasma gondii seroprevalence in migrant workers of Peninsular Malaysia</a>	Norhidayu Sahimin, Yvonne AL Lim, <b>Farnaza Ariffin</b> , Jerzy M Behnke, Maria-Gloria Basáñez, Martin Walker, John W Lewis, Rahmah Noordin, Khairul Anuar Abdullah, Siti Nursheena Mohd Zain	Parasites & Vectors: BMC

3	<a href="#">Feasibility of implementing chronic care model in the malaysian public primary care setting</a>	<b>Farnaza Ariffin, Anis Safura Ramli</b> , Maryam Hannah Daud, Jamaiyah Haniff, <b>Suraya Abdul-Razak</b> , Sharmini Selvarajah, Vernakm Lee, Seng Fah Tong, Mohamad Adam Bujang	Medical Journal of Malaysia
4	<a href="#">Associations of Fats and Carbohydrate Intake with Cardiovascular Disease and Mortality in 18 Countries from Five Continents (PURE): A Prospective Cohort Study</a>	Mahshid Dehghan, Andrew Mente, Xiaohe Zhang, Sumathi Swaminathan, Wei Li, Viswanathan Mohan, Romaina Iqbal, Rajesh Kumar, Edelweiss Wentzel-Viljoen, Annika Rosengren, Leela Itty Amma, Alvaro Avezum, Jephath Chifamba, Rafael Diaz, Rasha Khatib, Scott Lear, Patricio Lopez-Jaramillo, Xiaoyun Liu, Rajeev Gupta, Noushin Mohammadifard, Nan Gao, Aytekin Oguz, <b>Anis Safura Ramli</b> , Pamela Seron, Yi Sun, Andrzej Szuba, Lungiswa Tsolekile, Andreas Wielgosz, Rita Yusuf, Afzal Hussein Yusufali, Koon K Teo, Sumathy Rangarajan, Gilles Dagenais, Shrikant I Bangdiwala, Shofiqul Islam, Sonia S Anand, Salim Yusuf	The Lancet
5	<a href="#">Child and Adolescent Mortality Across Malaysia's Epidemiological Transition: A Systematic Analysis of Global Burden of Disease Data</a>	<b>Suraya Abdul-Razak</b> , Peter S. Azzopardi, George C. Patton, Ali H. Mokdad, Susan M. Sawyer	Journal of Adolescent Health
6	<a href="#">Association of dietary nutrients with blood lipids and blood pressure in 18</a>	Andrew Mente, Mahshid Dehghan, Sumathy Rangarajan, Matthew	The Lancet Diabetes & Endocrinology

	<a href="#">countries: a cross-sectional analysis from the PURE study</a>	McQueen, Gilles Dagenais, Andreas Wielgosz, Scott Lear, Wei Li, Hui Chen, Sun Yi, Yang Wang, Rafael Diaz, Alvaro Avezum, Patricio Lopez-Jaramillo, Pamela Seron, Rajesh Kumar, Rajeev Gupta, Viswanathan Mohan, Sumathi Swaminathan, Raman Kutty, Katarzyna Zatonska, Romaina Iqbal, Rita Yusuf, Noushin Mohammadifard, Rasha Khatib, <b>Nafiza Mat Nasir</b> , Noorhassim Ismail, Aytekin Oguz, Annika Rosengren, Afzalhussein Yusufali, Edelweiss Wentzel-Viljoen, Thandi Puoane, Jephath Chifamba, Koon Teo, Sonia S Anand, Salim Yusuf	
7	<a href="#">Response to Linguistic and psychometric validation of the Malaysian version of Diabetes Quality of Life-Brief Clinical Inventory (DQoL-BCI): Methodological issues to avoid misinterpretation</a>	Chin Fen Neoh, Syamimi Samah, Yuet Yen Wong, Mohamed Azmi Hassali, Asrul Akmal Shafie, Siong Meng Lim, Kalavathy Ramasamy, <b>Nafiza Mat Nasir</b> , Yung Wen Han, Thomas Burroughs	Research in Social and Administrative Pharmacy: BMC
8	<a href="#">Relationship between coping styles and lipid profile among public university staff</a>	Suthahar Ariaratnam, Ambigga Devi Krishnapillai, Aqil Mohammad Daher, Mohd Ariff Fadzil, Salmi Razali, Siti Aminah Omar, Ng Kien Keat, <b>Nafiza Mat Nasir</b> , Maizatullifah Miskan, <b>Mazapuspavina Md Yasin</b> , Jo Anne Saw, Damayanthi Durairajanayagam, Gurpreet Kaur, Osman Che Bakar, Nurul Azreen Hashim	Lipids in health and disease: BMC

9	A case of double vision: case report	<b>Mohamed-Yassin, Mohamed-Syarif; Baharudin, Noorhida; Mustafa, Norasyikin</b>	<a href="#">Australian Family Physician</a>
10	Diagnostic performance of various familial hypercholesterolaemia diagnostic criteria compared to Dutch lipid clinic criteria in an Asian population	<b>Suraya Abdul-Razak, Radzi Rahmat, Alicezah Mohd Kasim, Thuhairah Abdul Rahman, Suhaila Muid, adzimah Mohd Nasir, Zubin Ibrahim, Sazzli Kasim, Zaliha Ismail, Rohana Abdul Ghani Abdul Rais Sanusi, Azhari Rosman and Hapizah Nawawi</b>	BMC Cardiovascular Disorders
11	Enhanced inflammation in subgroups of Metabolic Syndrome irrespective of glycaemic status.	MT Osman, NM Nasir, <b>AS Ramli</b> , H Saimin, T Rahman, <b>SA Razak</b> , Z Ismail, HM Nawawi.	Journal of Fundamental and Applied Sciences. 2017; 9(6S): 331-349. DOI: <a href="http://dx.doi.org/10.4314/jfas.v9i6s.26">http://dx.doi.org/10.4314/jfas.v9i6s.26</a>
12	Validation of the Communication Skills Attitude Scale (CSAS) Questionnaire in a Cohort of Malaysian Medical Students. Journal of Clinical and Health Sciences 2 (2), 46-53	Noorhida Baharudin, Mohamed-Syarif Mohamed-Yassin, Siti Fatimah Badlishah-Sham, Zamros Yuzadi Mohd Yusof, Anis Safura Ramli	JCHS

**ACADEMIC FEE:**

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