

# Publication Output

Master of Medicine (Family Medicine)

MD773

November 2021



# The Prevalence of Limited Health Literacy and Its Associated Factors among Elderly Patients Attending an Urban Academic Primary Care Clinic in Malaysia

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**Abstract:** Limited health literacy (HL) is linked to many negative health outcomes, including poor self-management of chronic diseases and medication adherence among patients. There are a lack of data regarding HL in the elderly population in Malaysia. This study aimed to determine the prevalence of limited HL levels and its associated factors among elderly patients in an urban academic primary care clinic in Selangor, Malaysia. A cross-sectional study was conducted among 413 elderly

WoS Q1



**Citation:** Abd-Rahim, S.N.H.; Mohamed-Yassin, M.-S.; Abdul-Razak, S.; Isa, M.R.; Baharudin, N. The Prevalence of Limited Health Literacy and Its Associated Factors

## American Journal of Case Reports

Received: 2021.03.22  
Accepted: 2021.05.08  
Available online: 2021.05.20  
Published: 2021.06.25

Authors' Contributions:  
Study Design: A  
Data Collection: B  
Statistical Analysis: C  
Data Interpretation: D  
Manuscript Preparation: E  
Literature Search: F  
Funds Collection: G

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**Conflict of Interest:** None declared

**Patient:** Female, 62-year-old  
**Final Diagnosis:** Trichoblastoma  
**Symptoms:** Nodular skin lesion + papular skin lesion  
**Medication:** —  
**Clinical Procedure:** —  
**Specialty:** Dermatology + Family Medicine + Plastic Surgery

**Objective:** Rare disease  
**Background:** Trichoblastoma is a rare, benign, cutaneous adnexal neoplasm arising from rudimentary hair follicles. The in-

## Extensive Facial Trichoblastoma – A Rare and Disfiguring Condition

e-ISSN 1941-5923  
© Am J Case Rep, 2021; 22: e932320  
DOI: 10.12659/AJCR.932320

WoS ESCI

ORIGINAL ARTICLE



Malaysian Family Physician  
Official Journal of the Academy of Family Physicians of Malaysia  
and Family Medicine Specialist Association of Malaysia

## Gender disparity in the prescription of secondary prevention medications in a Malaysian primary care clinic

Noorhida Baharudin, Ahmad Muslim Ahmad Roslan, Mohamed Syarif Mohamed Yassin, Anis Safura Ramli, Aiza Nur Izdihar Zainal Abidin, Nurul Hidayatullaila Sahar, Nor Shazatul Salwana Din, Izyana Syazlin Ibrahim, Siti Nur Hidayah Abd Rahim, Nur Athirah Rosli  
Baharudin N, Ahmad-Roslan AM, Mohamed-Yassin MS, et al. Gender disparity in the prescription of secondary prevention medications in a Malaysian primary care clinic. *Malays Fam Physician*. 2021;16(2):37–44. <https://doi.org/10.51866/foa1089>



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Master of Family Medicine,  
UiTM 2021



Supervisor:  
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Department of Primary Care  
Medicine

Unleashing Potentials  
Shaping the Future



Adaptation and Psychometric Validation of the EMPOWER-SUSTAIN Usability Questionnaire (E-SUQ) among Patients with Metabolic Syndrome in Primary Care

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**Abstract:** Self-management support is one of the most important components of the Chronic Care Model (CCM). The EMPOWER-SUSTAIN Global Cardiovascular Risks Self-Management Booklet was developed for patients with Metabolic Syndrome (MetS), inspired by the CCM. Assessment usability of a self-management tool is important in chronic disease management. However, there was no available instrument to assess usability of a self-management booklet, as most instruments were developed to assess usability of mobile application. Therefore, this study aimed to adapt *Skal Kebolegunaan Aplikasi Mudah Alih (SKAMA)* into the EMPOWER-SUSTAIN Usability Questionnaire (E-SUQ) and to determine its validity and reliability in assessing usability of a self-management booklet. A cross-sectional validation study was conducted among patients with MetS attending a university primary care clinic in Selangor, Malaysia. Content validation, adaptation and face validity of E-SUQ were performed according to recommended guidelines. It underwent two rounds of content validation as major revision was required for item 5. Subsequently, the revised E-SUQ was face-validated by 10 participants. Psychometric evaluation was conducted using principal component analysis with varimax rotation to determine the underlying structure of E-SUQ. Internal consistency reliability was assessed using Cronbach's  $\alpha$  coefficient and the test-retest reliability was assessed using intraclass correlation coefficient (ICC (2,k)). A total of 205 patients participated in the study. The item-level content-validity-index (I-CVI) for item 5 improved from 0.57 to 1.0 after the second round of content validation. The final S-CVI/Ave value for ESUQ was >0.90. The item-level face-validity-index (I-FVI) ranged between 0.9 and 1.0. Kaiser-Meyer-Olkin value of 0.871 and Bartlett's test of sphericity  $p$ -value of <0.05 indicated good sample adequacy for factor analysis. Two factors with eigenvalues of >1 were extracted according to the Kaiser's Criteria. The two extracted factors explained 60.6% of the cumulative percentage of variance. The elbow of the scree plot occurred between the second and third component, suggesting two factors to be retained. The two factors were consistent with "Positive" and "Negative" tone model. The overall Cronbach's  $\alpha$  coefficient was 0.77, indicating good internal reliability. The overall ICC was 0.85, indicating good reproducibility. The E-SUQ is shown to be valid, reliable and stable to measure the usability of a self-management booklet among patients with MetS in a university primary care clinic in Malaysia.

**Keywords:** chronic care model; self-management; usability; questionnaire validation; Malay language

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Osgood-Schlatter Disease in an Adult

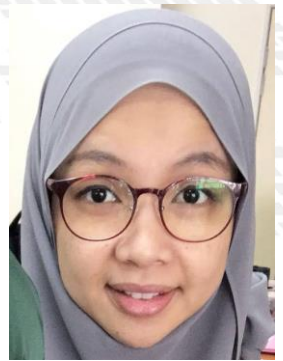
Osgood-Schlatter disease in adult: Would early diagnosis and treatment improve the prognosis?

Nurul Hidayatullaila Sahar<sup>1</sup>, Anis Safura Ramli<sup>1,2</sup>, Siti Fatimah Badlishah-Sham<sup>1</sup>, Mohd Fairudz Mohd Miswan<sup>3</sup>

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Graduate On Time



ORIGINAL ARTICLE

Gender disparity in the prescription of secondary prevention medications in a Malaysian primary care clinic

Noorhida Baharudin, Ahmad Muslim Ahmad Roslan, Mohamed Syarif Mohamed Yassin, Anis Safura Ramli, Aiza Nur Izdihar Zainal Abidin, Nurul Hidayatullaila Sahar, Nor Shazatul Salwana Din, Izyana Syazlin Ibrahim, Siti Nur Hidayah Abd Rahim, Nur Athirah Rosli  
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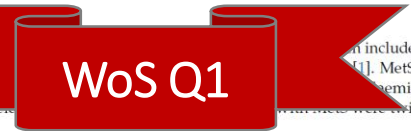


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Professor Dr. Anis Safura Ramli

Co-Supervisor

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Article

# Adaptation, Translation and Validation of the Food Allergy Quality of Life Questionnaire-Parent Form (FAQLQ-PF): The Malay Version

Izyana Syazlin Ibrahim<sup>1</sup>, Noorhida Baharudin<sup>1\*</sup>, Mohamad Rodi Isa<sup>2</sup>, Intan Hakimah Ismail<sup>3</sup>, Mohamed-Syarif Mohamed-Yassin<sup>1</sup>, Intan Kartika Kamarudin<sup>4</sup>, Amir Hamzah Abdul Latiff<sup>5</sup>, Farah Dayana Zahedi<sup>6</sup>, Adli Ali<sup>7</sup> and Azuin Izzati Arshad<sup>8</sup>



**Dr Izyana Syazlin Ibrahim**  
**Master of Family Medicine**  
**Class of 2021**



ORIGINAL ARTICLE



**Malaysian Family Physician**  
Official Journal of the Academy of Family Physicians of Malaysia  
and Family Medicine Specialist Association of Malaysia

# Gender disparity in the prescription of secondary prevention medications in a Malaysian primary care clinic

Noorhida Baharudin, Ahmad Muslim Ahmad Roslan, Mohamed Syarif Mohamed Yassin, Anis Safura Ramli, Aiza Nur Izdiyar Zainal Abidin, Nurul Hidayatullaila Sahar, Nor Shazatul Salwana Din, Izyana Syazlin Ibrahim, Siti Nur Hidayah Abd Rahim, Nur Athirah Rosli Baharudin N, Ahmad-Roslan AM, Mohamed-Yassin MS, et al. Gender disparity in the prescription of secondary prevention medications in a Malaysian primary care clinic. *Malays Fam Physician*. 2021;16(2):37-44. <https://doi.org/10.51866/oa1080>



**Co supervisor**  
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**Main supervisor**  
**Dr Noorhida Baharudin**



**Co supervisor**  
**Dr Mohamad Rodi Isa**



GRADUATED ON TIME



DR. AIZA NUR IZDIHAR  
BT ZAINAL ABIDIN

### SUPERVISORS



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Dr. Siti Fatimah Bt  
Badlishah Sham



AP Dr. Salmi Bt Razali

Shaping the Future

**Title of Article: Parotid Gland Tumour Presenting in Primary Care: The Importance of Histological Confirmation**

Aiza Nur Izdiyar Zainal-Abidin<sup>1</sup>, Farnaza Ariffin<sup>2</sup>, Siti Fatimah Badlishah-Sham<sup>1</sup>, Khariah Mat Nor<sup>2</sup>, Geok Chin Tan<sup>3</sup>

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ORIGINAL ARTICLE  **Scopus**

Malaysian Family Physician  
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**Gender disparity in the prescription of secondary prevention medications in a Malaysian primary care clinic**

Noorhida Baharudin, Ahmad Muslim Ahmad Roslan, Mohamed Syarif Mohamed Yassin, Anis Safura Ramli, Aiza Nur Izdiyar Zainal Abidin, Nurul Hidayatullaila Sahar, Nor Shazatul Salwana Din, Izyana Syazlin Ibrahim, Siti Nur Hidayah Abd Rahim, Nur Athirah Rosli

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**MANUSCRIPT TITLE**

EXPLORING RELIGION AND SPIRITUALITY AS COPING STRATEGIES AMONG PLHIV WITH MSM: A NARRATIVE APPROACH

EXPLORING RELIGION AND SPIRITUALITY AS COPING STRATEGIES AMONG PLHIV WITH MSM: A NARRATIVE APPROACH.

A manuscript submitted for the Degree of Master of Medicine (Family Medicine)




ORIGINAL ARTICLE



Malaysian Family Physician  
Official Journal of the Academy of Family Physicians of Malaysia  
and Family Medicine Specialist Association of Malaysia

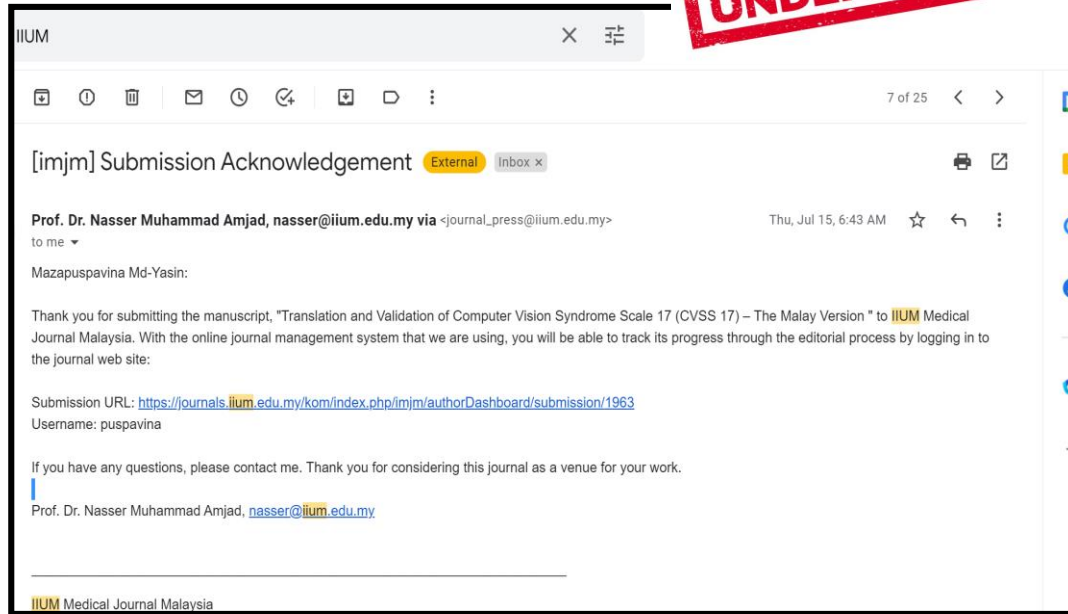


GOT

# Gender disparity in the prescription of secondary prevention medications in a Malaysian primary care clinic

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Baharudin N, Ahmad-Roslan AM, Mohamed-Yassin MS, et al. Gender disparity in the prescription of secondary prevention medications in a Malaysian primary care clinic. *Malays Fam Physician*. 2021;16(2):37-44. <https://doi.org/10.51866/oa1080>

**UNDER REVIEW**



**DR NOR SHAZATUL SALWANA DIN**  
**Masters of Family Medicine UiTM 2021**  
**Main SV: Dr Mazapuspavina Md Yasin**  
**Co SV 1: Dr Zahirah Tharek**  
**Co SV 2: AP Dr Mariam Mohammad**  
**Co SV 3: Dr Azimah Abd Aziz**

Unleashing Potentials  
Shaping the Future



**Case report**

**Positional Hand Pallor and Isolated Epitrochlear Lymphadenitis Secondary to *Bartonella henselae* Infection.**

Siti Nuradliah Jamil<sup>1</sup>, Ilham Ameera Ismail<sup>2</sup>, Siti Fatimah Badlishah-Sham<sup>3</sup>, Norliana Dalila Mohamad Ali<sup>4</sup>

**Abstract**

Cat scratch disease is a communicable disease caused by the *Bartonella henselae* bacteria. Regional lymphadenopathy is the hallmark of cat scratch disease and about 75% of lymphadenopathy cases are localized in the head and neck region. An epitrochlear lymphadenopathy is a rare condition at any age and often misdiagnosed as it is not normally palpable. External compression of an enlarged epitrochlear lymph node compromising vascularity was not mentioned in any literature before. We present a case of a 13-year-old girl with right positional ipsilateral hand pallor and epitrochlear lymphadenitis with serological evidence of *Bartonella henselae* infection.

**Keywords:** Hand pallor; Epitrochlear lymphadenopathy; *Bartonella henselae*

Bangladesh Journal of Medical Science Vol. 20 No. 04 October '21. Page : 914-917

DOI: <https://doi.org/10.3329/bjms>

**SCOPUS**

ID Design Press, Skopje, Republic of Macedonia  
Open Access Macedonian Journal of Medical Sciences. 2019 Jun 15; 7(11):1815-1817.  
<https://doi.org/10.3889/oamjms.2019.481>  
eISSN: 1857-9655  
Case Report



**Isolated Bilateral Pinna Swelling: A Rare Initial Presentation of Leprosy**

Salma Yasmin Mohd Yusuf<sup>1\*</sup>, Ilham Ameera Ismail<sup>1</sup>, Rumihati Abdul Hamid<sup>2</sup>, Nur Adliah Jamil<sup>1</sup>, Mazapusapavina Md Yasin<sup>1</sup>

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**Abstract**

**BACKGROUND:** Leprosy or Hansen disease is a chronic infectious disease that causes social stigma due to its deforming bodily appearance and physical disability. It has a wide spectrum of presentation affecting diagnosis.

**CASE REPORT:** A 21-year-old man who presented with chronic isolated bilateral pinna swelling as a result of leprosy is reported. The bilateral pinna swelling started as multiple shiny papules with an erythematous background and progressively became hyperpigmented and lobular over two years. This rare presentation of leprosy poses initial diagnostic difficulties, leading to misdiagnoses by various health care professionals. Diagnoses ascribed include eczema, insect bite and perichondritis. A suspicion of leprosy was raised when hyperaesthetic hypopigmentation of skin started to appear on the body after two years, with worsening of the pinna swellings. This was confirmed by identification of *Mycobacterium leprae* in slit skin smear test and skin biopsy.

**CONCLUSION:** Isolated involvement of pinna in a patient without lesions in other body parts is an unusual initial presentation of leprosy. However, leprosy should be kept as a rare differential diagnosis of isolated lesions on the ear in patients not responding to conventional treatment.

**Citation:** Mohd Yusuf SY, Ismail IA, Abdul Hamid R, Jamil NA, Md Yasin M. Isolated Bilateral Pinna Swelling: A Rare Initial Presentation of Leprosy. Open Access Maced J Med Sci. 2019 Jun 15; 7(11):1815-1817. <https://doi.org/10.3889/oamjms.2019.481>  
**Keywords:** Hepatoprotection; Metoprolol; N-acetyl cysteine; Nitroglycerin  
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**Received:** 02-Apr-2019; **Revised:** 22-May-2019; **Accepted:** 23-May-2019; **Online first:** 15-Jun-2019  
**Copyright:** © 2019 Salma Yasmin Mohd Yusuf, Ilham Ameera Ismail, Rumihati Abdul Hamid, Nur Adliah Jamil, Mazapusapavina Md Yasin. This is an open-access article distributed under the terms of the Creative Commons Attribution-NonCommercial 4.0 International License (CC BY-NC 4.0)  
**Funding:** This research did not receive any financial support.  
**Competing Interests:** The authors have declared that no competing interests exist

**SCOPUS**

ORIGINAL ARTICLE

**A clinical audit of the diagnosis and management of chronic kidney disease in a primary care clinic**

Jazlan Jamaluddin, Mohamed Syarif Mohamed Yassin, Siti Nuradliah Jamil, Mohd Azzahi Mohamed Kamel, Mohamad Ya'akob Yusof

Jamaluddin J, Mohamed-Yassin MS, Jamil SN, et al. A clinical audit of the diagnosis and management of chronic kidney disease in a primary care clinic. *Malays Fam Physician*. 2021;16(3). <https://doi.org/10.51866/oa1171>

**Keywords:**

chronic renal insufficiency, clinical audit, diagnosis, primary health care, Malaysia

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**Abstract**

**Introduction:** This audit was performed to monitor the diagnosis and management of chronic kidney disease (CKD) according to the clinical practice guidelines (CPGs) of CKD 2018 in a primary care clinic.

**Methods:** Patients who attended the clinic from April to June 2019 and fulfilled the diagnosis of CKD were included in this study, except for those diagnosed with a urinary tract infection, pregnant women and those on dialysis. These criteria were set based on the CPGs. The standards were set following discussions with the clinic team members with reference to local guidelines, the 2017 United Kingdom National CKD audit and other relevant studies.

**Results:** A total of 384 medical records were included in this audit. Overall, 5 out of 20 criteria for processes and 3 of 8 clinical outcomes for CKD care did not meet the set standards. These included the following: documentation of CKD classification based on albumin category (43.8%); CKD advice (19.0%); dietitian referral (9.1%); nephrologist referral (45.5%); haemoglobin level monitoring (65.7%); overall blood pressure (BP) control (45.3%); BP readings for diabetic kidney disease (DKD) and non-DKD with > 1 g/day of proteinuria (≤ 130/80 mmHg, 37.0%); eGFR reduction of < 25% over the past year (77.2%). Identified problems included the absence of a CKD registry, eGFR and albuminuria reports, and a dedicated team, among other factors.

**Conclusions:** Overall, 8 out of 28 criteria did not meet the standards of CKD care set for this audit. The problems identified in this audit have been addressed. Moreover, strategies have also

**Prevalence of Vaccine Hesitancy and its Associated Factors Among Parents of Children**

with ASD in Klang Valley, Malaysia

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**Under review IMJM**



**Dr Nuradliah Jamil  
Master in Family Medicine  
2021**



# A clinical audit of the diagnosis and management of chronic kidney disease in a primary care clinic

Jazlan Jamaluddin, Mohamed Syarif Mohamed Yassin, Siti Nuradliah Jamil, Mohd Azzah Mohamed Kamel, Mohamad Ya'akob Yusof

Jamaluddin J, Mohamed-Yassin MS, Jamil SN, et al. A clinical audit of the diagnosis and management of chronic kidney disease in a primary care clinic. *Malaysian Family Physician*. 2021;16(3):68-76. <https://doi.org/10.51866/ma1171>

## Keywords:

Chronic renal insufficiency, clinical audit, diagnosis, primary health care, Malaysia

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## Abstract

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**Results:** A total of 384 medical records were included in this audit. Overall, 5 out of 20 criteria for processes and 3 of 8 clinical outcomes for CKD care did not meet the set standards. These included the following: documentation of CKD classification based on albumin category (43.8%), CKD advice (19.0%); dietitian referral (9.1%); nephrologist referral (45.5%); haemoglobin level monitoring (65.7%); overall blood pressure (BP) control (45.3%); BP readings for diabetic kidney disease (DKD) and non-DKD with > 1 g/day of proteinuria ( $\leq 130/80$  mmHg, 37.0%); eGFR reduction of < 25% over the past year (77.2%). Identified problems included the absence of CKD registry, eGFR and albuminuria monitoring, and a shared team among other factors.

**Conclusions:** Overall, 8 out of 28 criteria for processes and 3 of 8 clinical outcomes for CKD care set for this audit. The problems identified in this study are similar to other studies. Moreover, strategies have also been formulated to improve the diagnosis and management of CKD in this clinic.

## Introduction

Chronic kidney disease (CKD) is a global public health problem. It has been projected that the number of people on dialysis will more than double to 5.4 million by 2030, with 4.5 million of them expected in Asia.

Malaysia, an article based on the Malaysian National Health and Morbidity Survey 2011 reported that 9.1% of adults were found to have CKD; however, only 4% were aware of their diagnosis.<sup>1</sup> Notably, CKD prevalence increased from 9.1% in 2011 to 15.5% in 2018.<sup>2</sup> The 29th Annual Data Report of the United States Renal Data System, which included data from 74 countries, revealed that Malaysia had the highest average annual increase in the overall rate of CKD among countries included in the

## Case Reports

### A rare cause of bilateral adrenal mass: a case report of primary adrenal lymphoma

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## Abstract

Primary adrenal lymphoma (PAL) is extremely rare, representing less than 1% of Non-Hodgkin's Lymphoma (NHL). We present a case of an elderly man who was evaluated for persistent abdominal pain and adrenal insufficiency. The computed tomogram (CT) of the abdomen showed a large bilateral adrenal mass. There were also multiple small lung nodules. The histopathology of adrenal gland showed features consistent with diffuse large B cell NHL. He received two cycles of rituximab, cyclophosphamide, doxorubicin, vincristine and prednisolone (R-mini-CHOP) followed by five cycles of rituximab, methotrexate, procarbazine, and vincristine (R-MPV) after evidence of brain metastasis on imaging. He responded well to the current treatment at six months follow up.

## Introduction

Non-Hodgkin's Lymphoma is a cancer that originates from the malignant transformation of mature and immature cells of immune system, affecting most commonly the B lymphocytes (B cells) and a smaller proportion of T- and natural killer cells. About

with the stomach accounting for 60-75% of malignant lymphoma.<sup>1</sup> Other common sites of abdominal lymphoma include small intestine, liver and kidneys. Only 4% of Non-Hodgkin's Lymphoma involve the adrenal glands. Primary adrenal lymphoma especially those who present with bilateral adrenal lesions has only been reported in less than 200 cases.<sup>2</sup> In this report, we describe one such case.

## Case Report

A 77-year-old male presented with a 6-week history of pyrexia. This was accompanied by abdominal pain and bloating. He also reported weight loss and loss of appetite. He had a long-standing medical history of disease with coronary artery bypass grafting, hypertension and dyslipidemia. On admission, he had weight loss, hemoptysis, diarrhea or

His temperature was 38.5°C, blood pressure of 128/74 mm Hg and heart rate of 98 bpm. His respiratory and abdominal examination were normal. There were no cervical or inguinal lymph nodes palpable. Initial workup showed potassium of 5.5 mmol/L and sodium of 127 mmol/L with normal creatinine and urine analysis (see Table 1). He was started on intravenous glucocorticoids in view of potential adrenal insufficiency as evidenced by hyperkalemia and hyponatremia while in the ward.

Upon further workup for abdominal discomfort, an oesophagogastroduodenoscopy (OGDS) was performed and it showed features suggestive of pan-gastritis and duodenitis with positive *Helicobacter Pylori*. He was treated with eradication therapy. However, his abdominal pain persisted. A CT abdomen



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**Recurrent Stroke in a Young Man with Moyamoya Disease on Medical Therapy: A Case Report**

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**Validity and Reliability of the Short Grit Scale (Grit-S) among Malaysian Undergraduate Medical Students**

Nurfauzani Ibrahim<sup>1</sup>, Noorhida Baharudin<sup>1,5</sup>, Mariam Mohamad<sup>2</sup>, Suraya Abdul-Razak<sup>1,3,4,5</sup>, Mohamed-Syarif Mohamed-Yassin<sup>1</sup>

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1: Under  
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**The Association Between Personality, Sociodemographic and Educational Characteristics with Grit among Malaysian Medical Students**

Nurfauzani Ibrahim<sup>1</sup>, Noorhida Baharudin<sup>1,5</sup>, Mariam Mohamad<sup>2</sup>, Suraya Abdul-Razak<sup>1,3,4,5</sup>, Mohamed-Syarif Mohamed-Yassin<sup>1</sup>

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# JOURNAL OF CLINICAL AND HEALTH SCIENCES

Official Journal of Faculty of Medicine, Universiti Teknologi MARA

# MALAYSIAN JOURNAL OF Medicine and Health Sciences



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## JCHS 2021-0506- ACCEPTANCE LETTER

1 message

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**Fracture risk and its association with fall risk assessment among elderly in UiTM Primary Care Clinic**

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**Dr. Nor Farha Basri**

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3 **Traditional and Complementary Medicine (TCM) Usage and its Association**  
4 **with Patient Assessment of Chronic Illness Care (PACIC) among Individuals**  
5 **with Metabolic Syndrome in Primary Care**

6  
7 Nor Farha Basri<sup>1</sup>, Anis Safura Ramli<sup>1,2,§</sup>, Mariam Mohamad<sup>3</sup>, Khairatul Nainey  
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