

Search &gt; Results &gt; WOS:000609206200005

Full Text Links ▾

Export ▾

Add to Marked List

&lt; 1 of 1 &gt;

## Traditional and Complementary Medicine (T&CM) Use and its Association with Diabetic Control among Diabetic Patients in a Tertiary Centre, Kuantan Pahang

By: [Zainab, ZAN](#) (Zainab, Nurain Z. A.) <sup>1</sup>; [Syahirah, ARN](#) (Syahirah, Nur A. R.) <sup>1</sup>; [Nurtasneem, R](#) (Nurtasneem, R.) <sup>1</sup>; [Al-Baqlish, MFM](#) (Al-Baqlish, Mohd M. F.) <sup>2</sup>; [Ridzuan, SM](#) (Ridzuan, Mohd S.) <sup>2</sup>; [Edre, MA](#) (Edre, M. A.) <sup>3</sup>

IIUM MEDICAL JOURNAL MALAYSIA

Volume: 20 Issue: 1 Page: 27-32

Published: JAN 2021

Document Type: Article

### Abstract

**INTRODUCTION:** Diabetes mellitus is a major global health concern worldwide. The fact that it is a lifelong chronic illness contributes to the increasing tendency of seeking traditional and complementary medicine (T&CM), yet study regarding this remains limited. This study aimed to measure the prevalence of T&CM use among diabetic patients and its association with diabetic control. **MATERIALS AND METHODS:** A cross sectional study was conducted at Hospital Tengku Ampuan Afzan (HTAA), Kuantan between July and August 2018. Following written consent, 136 type 2 adult diabetic patients in medical ward and those attending diabetic clinic were interviewed regarding the use of T & CM; and their blood investigation results were collected from patients' medical records. A data collection form was used as study instrument. Descriptive statistic was used to measure the prevalence while chi-square test and independent t-test were used to find associations between T&CM use and study background and diabetic control. **RESULTS:** Low prevalence of T&CM use (16.9%) was found, predominated by retiree group ( $p < 0.05$ ). Majority of patients used T&CM as additional treatment for diabetes (60.9%) and the usage was influenced by friends, family members and advertisement. There was a significant difference in Glycosylated haemoglobin A1c (HbA1c) and Estimated Glomerular Filtration Rate (eGFR) levels between inpatient and outpatient T&CM users ( $p < 0.05$ ). **CONCLUSION:** 1 in every 6 diabetic patients in HTAA, Kuantan were using T&CM along with conventional diabetic medications in which retirees are predominated. No associations were found between T&CM uses and diabetic control. Outpatient T&CM users had lower HbA1c level with higher eGFR compared to inpatient users.

### Keywords

**Author Keywords:** Traditional & Complementary Medicine (T&CM); Type 2 Diabetes Mellitus; HbA1c; eGFR

**Keywords Plus:** ALTERNATIVE MEDICINE; PREVALENCE; EFFICACY; MELLITUS

### Author Information

**Corresponding Address:** Al-Baqlish, Mohd M. F. (corresponding author)

▲ Int Islamic Univ Malaysia, Kulliyah Med, Dept Internal Med, Kuantan 25200, Pahang Darul Ma, Malaysia

#### Affiliation

International Islamic University Malaysia

#### Addresses:

- ▼ <sup>1</sup> Int Islamic Univ Malaysia, Kulliyah Med, Selangor, Malaysia
- ▼ <sup>2</sup> Int Islamic Univ Malaysia, Kulliyah Med, Dept Internal Med, Kuantan 25200, Pahang Darul Ma, Malaysia
- ▼ <sup>3</sup> Int Islamic Univ Malaysia, Kulliyah Med, Dept Community Med, Selangor, Malaysia

**E-mail Addresses:** [baqlish@iium.edu.my](mailto:baqlish@iium.edu.my)

### Categories/Classification

**Research Areas:** General & Internal Medicine

+ See more data fields

## Citation Network

In Web of Science Core Collection

0

Citations

🔔 Create citation alert

Cited References

24

[View Related Records](#)

### You may also like...

Wong, EML; Lo, SM; Chair, SY; et al.  
[Cost-effectiveness of 'Program We Care' for patients with chronic obstructive pulmonary disease: A case-control study](#)  
INTERNATIONAL EMERGENCY NURSING

Jan, IA; Arif, K; Orakzai, H; et al.  
[INTRA VAGINAL WOODEN FOREIGN BODY CAUSING MULTIPLE INTERNAL FISTULAE AND BLADDER STONE IN A 12 YEARS GIRL](#)  
PAKISTAN JOURNAL OF MEDICAL SCIENCES

Arodiwe, EB; Ike, SO; Ulasi, II; et al.  
[Pattern of cancer deaths in the medical wards of a teaching hospital in South East Nigeria](#)  
NIGERIAN JOURNAL OF CLINICAL PRACTICE

Grandone, E; Pesavento, R; Margaglione, M; et al.  
[Mortality and Transfusion Requirements in COVID-19 Hospitalized Italian Patients According to Severity of the Disease](#)  
JOURNAL OF CLINICAL MEDICINE

Volpe, C; Bassan, F; Moretti, V; et al.  
[Post-acute patient: what is the real meaning?](#)  
ITALIAN JOURNAL OF MEDICINE

[See all](#)

## Use in Web of Science

Web of Science Usage Count

0

Last 180 Days

[Learn more](#)

0

Since 2013

## Journal information

IIUM MEDICAL JOURNAL MALAYSIA

eISSN: 1823-4631

## This record is from:

Web of Science Core Collection

Emerging Sources Citation Index

16



**Web of Science Categories:** Medicine, General & Internal

[View as set of results](#)

