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The relationship between painful diabetic peripheral neuropathy and functional status of older people in Kuantan , Pahang

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Abstract

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Abstract

This study aimed to determine the relationship between painful diabetic peripheral neuropathy and functional status among older people in Kuantan , Pahang . A cross-sectional study was performed by using an interviewer-administered questionnaire among 300 participants recruited from selective Primary Health Centres and endocrine clinics, Hospital Tengku Ampuan Afzan in Kuantan , Pahang . The data were analyzed by using SPSS version 22. The findings indicated that most participants reported neuropathic pain experience. The severity of pain was found to be significantly related to patients who had been diagnosed over 10 years ago, Indians patients and those who were treating their diabetes with insulin alone. No significant relationship was found between pain severity and functional status . The severity of pain and the associated factors suggest the need for a multidisciplinary approach to provide effective treatment to patients with painful diabetic peripheral neuropathy . © 2020 Elsevier España, S.L.U.

Author keywords

Functional status ; Older people ; Pain ; Painful diabetic peripheral neuropathy

MeSH

Aged; Cross-Sectional Studies; Diabetes Mellitus; Diabetic Neuropathies; Functional Status; Humans; Neuralgia

EMTREE medical terms

aged; complication; cross-sectional study; diabetes mellitus; diabetic neuropathy; functional status; human; neuralgia

**Topic name**

Diabetic Neuropathies; Pregabalin; Peripheral Nervous System Diseases

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-
- 1 Kaur, S., Pandhi, P., Dutta, P.
Painful diabetic neuropathy: An update
(2011) *Annals of Neurosciences*, 18 (4), pp. 168-175. Cited 35 times.
<http://annalsofneurosciences.org/journal/index.php/annal/article/view/370/1208>
doi: 10.5214/ans.0972.7531.1118409

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-
- 2 Yoo, M., Sharma, N., Pasnoor, M., Kluding, P.M.
Painful diabetic peripheral neuropathy: presentations, mechanisms, and exercise therapy
(2013) *J Diabetes Metab*. Cited 9 times.
S10:005
-
- 3 Jember, G., Melsew, Y.A., Fisseha, B., Sany, K., Gelaw, A.Y., Janakiraman, B.
Peripheral Sensory Neuropathy and associated factors among adult diabetes mellitus patients in Bahr Dar, Ethiopia
(Open Access)
(2017) *Journal of Diabetes and Metabolic Disorders*, 16 (1), art. no. 16. Cited 11 times.
<http://www.jdmdonline.com/>
doi: 10.1186/s40200-017-0295-5

View at Publisher
-
- 4 Al Washali, A.Y., Azuhairi, A.A., Hejar, A.R., Amani, Y.W.
Prevalence and associated risk factors of diabetic peripheral neuropathy among diabetic patients in national center of diabetes in Yemen
(2014) *Int J Public Health Clin Sci*, 1, pp. 141-150. Cited 6 times.
-
- 5 Kisozi, T., Mutebi, E., Kisekka, M., Lhatoo, S., Sajatovic, M., Kaddumukasa, M., Nakwagala, F.N., (...), Katabira, E.
Prevalence, severity and factors associated with peripheral neuropathy among newly diagnosed diabetic patients attending mulago hospital: A cross-sectional study (Open Access)
(2017) *African Health Sciences*, 17 (2), pp. 463-473. Cited 14 times.
<https://www.ajol.info/index.php/ahs/article/download/158728/148347>
doi: 10.4314/ahs.v17i2.21

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-
- 6 Jacovides, A., Bogoshi, M., Distiller, L.A., Mahgoub, E.Y., Omar, M.K.A., Tarek, I.A., Wajsbrot, D.B.
An epidemiological study to assess the prevalence of diabetic peripheral neuropathic pain among adults with diabetes attending private and institutional outpatient clinics in South Africa (Open Access)
(2014) *Journal of International Medical Research*, 42 (4), pp. 1018-1028. Cited 23 times.
<http://imr.sagepub.com/content/by/year>
doi: 10.1177/0300060514525759

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-

-
- 7 Kostev, K., Jockwig, A., Hallwachs, A., Rathmann, W.
Prevalence and risk factors of neuropathy in newly diagnosed type 2 diabetes in primary care practices: A retrospective database analysis in Germany and UK
(2014) *Primary Care Diabetes*, 8 (3), pp. 250-255. Cited 31 times.
doi: 10.1016/j.pcd.2014.01.011
View at Publisher
-
- 8 Azidah, A.K., Hasniza, H., Zunaina, E.
Prevalence of falls and its associated factors among elderly diabetes in a tertiary center, Malaysia ([Open Access](#))
(2012) *Current Gerontology and Geriatrics Research*, 2012, art. no. 539073. Cited 26 times.
doi: 10.1155/2012/539073
View at Publisher
-
- 9 Abougambou, S.S.I., Abougambou, A.S.
Explorative study on diabetes neuropathy among type II diabetic patients in Universiti Sains Malaysia Hospital
(2012) *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*, 6 (3), pp. 167-172. Cited 9 times.
doi: 10.1016/j.dsx.2012.09.002
View at Publisher
-
- 10 Rajan, R.S., de Gray, L., George, E.
Painful diabetic neuropathy ([Open Access](#))
(2014) *Continuing Education in Anaesthesia, Critical Care and Pain*, 14 (5), pp. 230-235. Cited 7 times.
<http://ceaccp.oxfordjournals.org/content/14/5/230.full.pdf>
doi: 10.1093/bjaceaccp/mkt063
View at Publisher
-
- 11 Goh, L.-Y., Shahrom, E.E., Ganesan, C.C., Vethakkan, S.R., Goh, K.-J.
The prevalence and associated factors of neuropathic pain symptoms in a cohort of multi-ethnic Malaysian patients with diabetes mellitus
(2017) *Neurology Asia*, 22 (4), pp. 325-331. Cited 2 times.
[http://www.neurology-asia.org/articles/neuroasia-2017-22\(4\)-325.pdf](http://www.neurology-asia.org/articles/neuroasia-2017-22(4)-325.pdf)
-
- 12 Jambart, S., Ammache, Z., Haddad, F., Younes, A., Hassoun, A., Abdalla, K., Abou Selwan, C., (...), Youseif, E.
Prevalence of painful diabetic peripheral neuropathy among patients with diabetes mellitus in the Middle East region ([Open Access](#))
(2011) *Journal of International Medical Research*, 39 (2), pp. 366-377. Cited 57 times.
<http://www.jimronline.net/content/fullpdf.asp?ArticleID=1601>
doi: 10.1177/147323001103900204
View at Publisher
-
- 13 Spallone, V., Morganti, R., D'Amato, C., Greco, C., Cacciotti, L., Marfia, G.A.
Validation of DN4 as a screening tool for neuropathic pain in painful diabetic polyneuropathy
(2012) *Diabetic Medicine*, 29 (5), pp. 578-585. Cited 98 times.
doi: 10.1111/j.1464-5491.2011.03500.x
View at Publisher
-

- 14 Sample size calculator [Internet] (2004) . Cited 596 times.
Raosoft, Inc Seattle Available from: [cited 29.03.18]
<http://www.raosoft.com/samplesize.html>
-
- 15 Dworkin, R.H., Turk, D.C., Revicki, D.A., Harding, G., Coyne, K.S., Peirce-Sandner, S., Bhagwat, D., (...), Melzack, R.
Development and initial validation of an expanded and revised version of the Short-form McGill Pain Questionnaire (SF-MPQ-2)
(2009) *Pain*, 144 (1-2), pp. 35-42. Cited 324 times.
doi: 10.1016/j.pain.2009.02.007
[View at Publisher](#)
-
- 16 Katz, S., Akpom, C.A.
Index of ADL
(1976) *Medical Care*, 14 (5), pp. 116-118. Cited 248 times.
doi: 10.1097/00005650-197605001-00018
[View at Publisher](#)
-
- 17 Al-Mahmood, S.M.A., Razak, T.A., Ahmad, N.N.F.N., Mohamed, A.H., Abdullah, S.T.C.
Factors influencing the severity of pain in patients with peripheral diabetic neuropathy ([Open Access](#))
(2017) *Asian Journal of Pharmaceutical and Clinical Research*, 10 (10), pp. 306-309. Cited 2 times.
<https://innovareacademics.in/journals/index.php/ajpcr/article/download/20043/12621>
doi: 10.22159/ajpcr.2017.v10i10.20043
[View at Publisher](#)
-
- 18 Gylfadottir, S.S., Christensen, D.H., Nicolaisen, S.K., Andersen, H., Callaghan, B.C., Itani, M., Khan, K.S., (...), Finnerup, N.B.
Diabetic polyneuropathy and pain, prevalence, and patient characteristics: A cross-sectional questionnaire study of 5,514 patients with recently diagnosed type 2 diabetes ([Open Access](#))
(2020) *Pain*, 161 (3), pp. 574-583. Cited 15 times.
<https://journals.lww.com/pain/Pages/currenttoc.aspx>
doi: 10.1097/j.pain.0000000000001744
[View at Publisher](#)
-
- 19 Dermanovic Dobrota, V., Hrabac, P., Skegro, D., Smiljanic, R., Dobrota, S., Prkacin, I., Brkljacic, N., (...), Basic Kes, V.
The impact of neuropathic pain and other comorbidities on the quality of life in patients with diabetes ([Open Access](#))
(2014) *Health and Quality of Life Outcomes*, 12 (1), art. no. 171. Cited 40 times.
<http://www.hqlo.com/home/>
doi: 10.1186/s12955-014-0171-7
[View at Publisher](#)
-

- 20 Singh-Franco, D., Jacobs, R.J.
Patient perspectives on peripheral neuropathic pain
experience within the community

(2017) *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*, 11, pp. S243-S246. Cited 3 times.
<http://www.journals.elsevier.com/diabetes-and-metabolic-syndrome-clinical-research-and-reviews/>
doi: 10.1016/j.dsx.2016.12.038

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