

Author (Year), Journal	Selection (max 5)	Comparability (max 2)	Outcome (max 3)	NOAS TOTAL
<i>Postural balance</i>				
G. G. Simoneau (1994) Diabetes Care	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a,b,c, d 2)a*,b	6
P. Boucher (1995) Diabetes Care	1)a,b*,c,d 2)a,b,c 3)a,b,c 4)a**,b,c	1)a,b	1)a,b,c,d 2)a,b	3
L. Uccioli (1995) Diabetes Care	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a,b, c*,d 2)a*,b	7
J.B. Dingwell (1999) Gait and Posture	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a,b,c,d 2)a*,b	6
H. Corriveau (2000) Diabetes care	1)a,b,c,d 2)a*,b, c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a,b**,c,d 2)a*,b	8
R. Yamamoto (2001) Diabetes Research and Clinical Practice	1)a,b,c,d 2)a,b,c 3)a**,b,c 4)a**,b,c	1)a**,b	1)a,b**,c,d 2)a*,b	7
H.E Resnick (2002) Muscle & Nerve	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a,b,c,d 2)a*,b	6
A. Nardone (2003) International Federation of Clinical Neurophysiology	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a,b	1)a,b c, d 2)a*,b	4
H.B. Menz (2004) Arch Phys Med Rehabil	1)a,b,c,d 2)a,b,c 3)a,b,c 4)a**,b,c	1)a,b	1)a,b**,c,d 2)a*,b	5
A. Cimbiz	11)a,b*,c,d	1)a**,b	1)a,b,c*,d	8

(2004) Journal of Diabetes and Its Complications	2)a,b,c 3)a*,b,c 4)a**,b,c		2)a*,b	
Z. Sawacha (2008) Clinical Biomechanics	1)a,b,c,d 2)a*,b,c 3)a*,b,c 4)a,b,c	1)a,b	1)a,b,c,d 2)a*,b	3
R. J. Schilling (2009) Transactions on Biomedical Engineering	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a,b	1)a,b**,c,d 2)a*,b	6
A. A. Emam (2009) Singapore Med J	1)a*,b,c,d 2)a*,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a,b,c,d 2)a*,b	8
G.D Fulk (2010) Journal of Neuro Engineering and Rehabilitation	1)a,b*,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a,b	1)a,b**,c,d 2)a*,b	7
A.N. Onodera (2011) Muscle & Nerve	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a,b	1)a,b,c*,d 2)a*,b	5
T. Ghanavati (2011) Diabetes Research and Clinical Practice	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1) a,b	1)a,b**,c,d 2)a,b	5
L. Allet (2012) Muscle & Nerve	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a,b,c*,d 2)a*,b	7
P. Lalli (2013) Journal of Diabetes and its Complications	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a,b,c	1)a**,b	1)a,b,c,d 2)a*,b	4
T. Melai (2013) Human Movement Science	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a,b	1)a,b,c,d 2)a*,b	4
C. Kelly	1)a,b,c,d	1)a,b	1)a,b**,c,d	6

(2013) Journal of the American Podiatric Medical Association	2)a,b,c 3)a*,b,c 4)a**,b,c		2)a*,b	
F.H. Palma (2013) Arq Bras Endocrinol Metab.	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a,b	1)a**,b,c,d 2)a*,b	6
M.M. Vaz (2013) Archives of Physical Medicine and Rehabilitation	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a,b	1)a,b**,c,d 2)a,b	5
I. M. Fahmy (2014) J Neurol Psychiat Neurosurg	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a**,b,c,d 2)a*,b	8
E. Maranesi, (2014) Gait & Posture	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a,b	1)a,b,c,d 2)a*,b	4
J.C. Handsaker (2014) Diabetes Care	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a,b,c,d 2)a*,b	6
L. Allet (2014) Journal of Diabetes and its Complications	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a,b,c*,d 2)a*,b	7
S.J. Brown (2014) Journal of Biomechanics	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a,b,c,d 2)a*,b	6
S. J. Brown (2015) Diabetes Care	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a,b	1)a**,b,c,d 2)a*,b	6
M.R. Camargo (2015) Diabetes & metabolic Syndrome: Clinical Research & Reviews	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a,b**,c,d 2)a*,b	8

N. Toosizadeh (2015) PLOS ONE	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a,b,c,d 2)a*,b	6
J. C. Handsaker (2015) Diabetic Medicine	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a,b,c,d 2)a*,b	6
B. Timar (2016) PLOS ONE	1)a*,b,c,d 2)a*,b,c 3)a,b,c 4)a**,b,c	1)a**,b	1)a,b*,c*,d 2)a*,b	8
F. Spolaor, (2016) Journal of Electromyography and Kinesiology	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a,b	1)a,b,c,d 2)a*,b	4
K. Zuraes (2016) American Journal of Physical Medicine & Rehabilitation	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a,b*,c	1)a**,b	1)a**,b,c,d 2)a*,b	7
T. Riandini (2018) Acta Diabetologica	1)a,b*,c,d 2)a*,b,c 3)a,b,c 4)a,b*,c	1)a**,b	1)a**,b,c,d 2)a*,b	8
J.K. Richardson, (2017) Am J Phys Med Rehabil	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a**,b	1)a**,b,c,d 2)a*,b	8
Eneida Yuri Sudaá, (2019) Gait & Posture	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a**,b,c	1)a,b	1)a,b,c,d 2)a*,b	4
<i>Fall accidents</i>				
P.R. Cavanagh (1992) Diabetic Medicine	1)a,b*,c,d 2)a,b,c 3)a,b,c 4)a,b*,c	1)a**,b	1)a,b,c*,d 2)a*,b	6

A. A Emam (2009) Singapore Med J	1)a*,b,c,d 2)a*,b,c 3)a*,b,c 4)a,b,c	1)a**,b	1)a,b,c,d 2)a*,b	6
P. Lalli (2013) Journal of Diabetes and its Complications	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a,b,c	1)a**,b	1)a,b,c*,d 2)a*,b	5
M.M. Vaz (2013) Archives of Physical Medicine and Rehabilitation	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a,b,c	1)a,b	1)a,b**,c,d 2)a,b	3
L. Allet (2014) Journal of Diabetes and its Complications	1)a,b*,c,d 2)a,b,c 3)a,b,c 4)a,b,c	1)a**,b	1)a,b,c*,d 2)a*,b	5
J.K. Richardson (2014) Muscle Nerve	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a,b*,c	1)a**,b	1)a,b,c*,d 2)a*,b	6
N. Toosizadeh, (2015) PLOS ONE	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a,b,c	1)a**,b	1)a,b,c*,d 2)a*,b	5
K. Zurales (2016) American Journal of Physical Medicine & Rehabilitation	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a,b*,c	1)a**,b	1)a,b,c*,d 2)a*,b	6
V. Bokan-Mirković (2017) Acta Clin Croat	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a,b,c	1)a**,b	1)a,b,c*,d 2)a*,b	5
J.K. Richardson, (2017) Am J Phys Med Rehabil	1)a,b,c,d 2)a,b,c 3)a*,b,c 4)a,b*,c	1)a**,b	1)a,b,c*,d 2)a*,b	6
<i>Activities of daily living</i>				

L. Vileikyte (2005) Diabetes Care	1) a *,b,c,d 2)a, b ,c 3)a,b, c 4) a ***,b,c	1) a ***,b	1)a, b ***,c,d 2) a *,b	8
L. Vileikyte (2009) Diabetologia	1) a *,b,c,d 2)a, b ,c 3)a,b, c 4) a ***,b,c	1) a ***,b	1)a, b ***,c,d 2) a *,b	8
T. Riandini (2018) Acta Diabetologica	1)a, b *,c,d 2) a *,b,c 3)a,b, c 4) a ***,b,c	1) a ***,b	1) a ***,b,c,d 2) a *,b	9

Table S2. Newcastle-Ottawa Scale for cross-sectional studies

The scale has been adapted from the Newcastle-Ottawa Quality Assessment Scale for cohort studies to provide quality assessment of cross sectional studies. Very good studies 9-10 points; Good Studies: 7-8 points; Satisfactory Studies: 5-6 points; Unsatisfactory Studies: 0 to 4 points (score marked with a red color). Studies were divided and assessed separately for the three outcomes: postural balance, fall accidents and activities of daily living. If a study assessed two or more of the variables the study was reassessed for each variable within each category. Studies marked with bold were assessed for more than one outcome. Selection: 1) representation of the sample, 2) sample size, 3) Non-responders, 4) Ascertainment of exposure; Comparability: 1) Comparability of cases and controls (confounding); Outcome: 1) Assessment of the outcome, 2) statistical tests.