This article and any supplementary material should be cited as follows:
Gardiner J, Bari AZ, Howard D, Kenney L. Transtibial amputee gait efficiency: Energy storage and return versus solid ankle cushioned heel prosthetic feet. J Rehabil Dev. 2017;53(6):1133–38.
http://dx.doi.org/10.1682/JRRD.2015.04.0066

Studies indentified from Hofstad et al.'s systematic review

Numbers in brackets are the reference numbers from the main article

Casillas 1995 (12)	Foot	Speed (m/min)	Cost of Transport (mL O2/kg m)
	SACH	40.0	0.320
	SACH	66.7	0.255
	SACH	100.0	0.247
	Proteor	40.0	0.286
	Proteor	66.7	0.220
	Proteor	100.0	0.221

Hsu 1999 (13)	Foot	Speed (m/min)	Cost of Transport (mL O2/kg m)
	SACH	53.6	0.213
	SACH	67.1	0.194
	SACH	80.5	0.191
	SACH	93.9	0.207
	SACH	107.3	0.217
	Flex-Foot	53.6	0.215
	Flex-Foot	67.1	0.193
	Flex-Foot	80.5	0.190
	Flex-Foot	93.9	0.199
	Flex-Foot	107.3	0.212
	Re-Flex VSP	53.6	0.205
	Re-Flex VSP	67.1	0.186
	Re-Flex VSP	80.5	0.182
	Re-Flex VSP	93.9	0.188
	Re-Flex VSP	107.3	0.203

Hsu 2006 (16)	Foot	Speed (m/min)	Cost of Transport (mL O2/kg m)
	SACH	53.6	0.188
	SACH	67.1	0.172
	SACH	80.5	0.169
	SACH	93.9	0.171
	SACH	107.3	0.180
	Flex-Foot	53.6	0.183
	Flex-Foot	67.1	0.171
	Flex-Foot	80.5	0.165
	Flex-Foot	93.9	0.167
	Flex-Foot	107.3	0.174
	Otto Bock 1C40	53.6	0.187
	Otto Bock 1C40	67.1	0.166
	Otto Bock 1C40	80.5	0.163
	Otto Bock 1C40	93.9	0.168
	Otto Bock 1C40	107.3	0.180

Nielsen 1988 (4)	Foot	Speed (m/min)	Cost of Transport (mL O2/kg m)
	Flex-Foot	26.8	0.377
	Flex-Foot	40.2	0.267
	Flex-Foot	53.6	0.236

	Flex-Foot	67.1	0.219
	Flex-Foot	80.5	0.207
	Flex-Foot	93.9	0.231
	Flex-Foot	107.3	0.228
	Non-Amputee	26.8	0.247
	Non-Amputee	40.2	0.191
	Non-Amputee	53.6	0.164
	Non-Amputee	67.1	0.155
	Non-Amputee	80.5	0.152
	Non-Amputee	93.9	0.153
	Non-Amputee	107.3	0.156
	SACH	26.8	0.367
	SACH	40.2	0.269
	SACH	53.6	0.241
	SACH	67.1	0.244
	SACH	80.5	0.235
	SACH	93.9	0.238
	SACH	107.3	0.255
Lehmann 1993a (14)	Foot	Speed (m/min)	Cost of transport (ml O2/kg m)
	SACH	73.0	0.215
	SACH	90.0	0.211
	SACH	107.0	0.231
	SACH	120.0	0.279
	Seattle Ankle/Lite Foot	73.0	0.211
	Seattle Ankle/Lite Foot	90.0	0.209
	Seattle Ankle/Lite Foot	107.0	0.235
	Seattle Ankle/Lite Foot	120.0	0.277
Lehmann 1993b (15)	Foot	Speed (m/min)	Cost of transport (ml 02/kg m)
	SACH	73.0	0.218
	SACH	90.0	0.210
	SACH	107.0	0.230
	SACH	120.0	0.257
	Seattle	73.0	0.199
	Seattle	90.0	0.198
	Seattle	107.0	0.217
	Seattle	120.0	0.248
	Flex-Foot	73.0	0.211
	Flex-Foot	90.0	0.207
	Flex-Foot	107.0	0.225
	Flex-Foot	120.0	0.255
Schmalz 2002 (3)	Foot	Speed (m/min)	Cost of Transport (mL O2/kg m)
	SACH	66.7	0.203
	SACH	80.0	0.201
	Otto Bock 1C40	66.7	0.203
	Otto Bock 1C40	80.0	0.195
	Flex Walk II	66.7	0.204
	Flex Walk II	80.0	0.195

Barth 1992 (18)	Foot	Speed (m/min)	Cost of Transport (mL O2/kg m)
	SACH	64.4	0.125
	SAFE II	64.4	0.120
	Seattle Lightfoot	64.4	0.114
	Quantum	64.4	0.125
	Carbon Copy II	64.4	0.152
	Flex-Walk	64.4	0.135

Torburn 1995 (17)	Foot	Speed (m/min)	Cost of Transport (mL O2/kg m)
	SACH	82.1	0.225
	Flex-Foot	83.2	0.217
	Carbon Copy II	84.7	0.203
	Seattle Lite	81.0	0.211
	Quantum	82.2	0.216

Additional study published post Hofstad et al.'s systematic review

Mengelkoch 2014 (6)	Foot	Speed(m/min)	Cost of transport (ml 02/kg m)
	Non-Amputee	40.2	0.264
	Non-Amputee	53.6	0.200
	Non-Amputee	67.1	0.172
	Non-Amputee	80.5	0.175
	Non-Amputee	93.9	0.176
	Renegade	40.2	0.292
	Renegade	53.6	0.246
	Renegade	67.1	0.231
	Renegade	80.5	0.241
	Renegade	93.9	0.226
	SACH	40.2	0.289
	SACH	53.6	0.243
	SACH	67.1	0.230
	SACH	80.5	0.227
	SACH	93.9	0.220

Non-amputee reference data

Genin 2008 (5)	Foot	Speed (m/min)	Cost of transport (ml 02/kg m)
	Non-Amputee	19.3	0.402
	Non-Amputee	33.2	0.279
	Non-Amputee	50.1	0.207
	Non-Amputee	66.1	0.178
	Non-Amputee	84.7	0.181
	Non-Amputee	101.2	0.193
	Non-Amputee	118.7	0.209
	Non-Amputee	135.8	0.245

Hrelijac 1993 (21)	Foot	Speed (m/min)	Cost of Transport (mL O2/kg m)
	Non-Amputee	36.4	0.153
	Non-Amputee	44.6	0.137
	Non-Amputee	55.0	0.123
	Non-Amputee	73.7	0.110
	Non-Amputee	95.2	0.117
	Non-Amputee	108.1	0.133
	Non-Amputee	120.9	0.155
	Non-Amputee	129.0	0.175
	Non-Amputee	136.6	0.195