| First Author, Year | Track distance, Shape, Pace | Location, Equipment | No. of Trials, Rest Interval, Scoring | Position of evaluator, Qualifications, Evaluator trained | Instructions | Encouragement, Time Interval | Rest Breaks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2MWT |  |  |  |  |  |  |  |
| English, $2007^{21}$ | 10m, Straight, Comfortable | Indoor, Stopwatch | 1 trial*, N/A, <br> Re-assessed videotaped 4wk after initial test | Behind, NR, NR | Participants were instructed to walk up and down the walkway, walking around the cones at each end, continuously for 2 min. | Yes*, phrases such as "you are doing a good job, keep going, halfway there, only 2 min to go, one min to go, etc.", <br> Timing not structured* | Yes |
| Heingkaev, $2010^{22}$ | 20m, Straight, Comfortable | Indoor, Stopwatch | 2 trials, 5-10d, Both results were used | Behind*, Rehab Professional, NR | Participants were instructed, "Go. Keep walking until I say stop or until you are too tired, and stop when I say stop." | No* | Yes |
| 3MWT |  |  |  |  |  |  |  |
| Sakai, 2002 ${ }^{23}$ | 30m, <br> Straight, Fast | Indoor, NR | 2 trials, 2-5d, Both results were used | NR, NR, <br> Yes trained | At the signal "go", participants were instructed to walk the marked distance as quickly as possible, around the far cone and back within the time limit. At the end of the 3 min , the participant advances forward to the next 5m mark. | NR | NR |
| 5MWT |  |  |  |  |  |  |  |
| da CunhaFilho, $2002^{24}$ | 5m, Straight, Fast | Indoor, Stopwatch | Assuming walk test completed once. | NR, <br> NR, <br> NR | Participants were instructed to walk as fast and as far as possible, back and forth over a distance of 5 m . | NR | NR |
| da Cunha- | 5m, | Indoor, | 1 practice trial | Beside*, | Participants were | No* | NR |


| Filho, 2003 ${ }^{25}$ | Straight, Comfortable | Stopwatch | \& 1 walk test, 6 min , Score on single walk test | $\begin{aligned} & \text { NR, } \\ & \text { NR } \end{aligned}$ | instructed to walk on a 5 m walkway for 5 min at their usual gait velocity. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Kobayashi, $2011^{26}$ | 5m, <br> Straight, <br> NR | Indoor, NR | Walk test completed once | NR, NR, NR | Participants walked back and forth over a distance of 5 m for 5 min . | NR | NR |
| 6MWT |  |  |  |  |  |  |  |
| Eng, $2002^{+61}$ | $\begin{aligned} & 42 \mathrm{~m}, \\ & \text { Rectangle, } \\ & \text { NR } \end{aligned}$ | Indoor, NR | $\begin{aligned} & 1 \text { practice trial } \\ & \text { and } 1 \text { walk } \\ & \text { test, } \\ & 3 d \text { interval } \\ & \text { between } \\ & \text { practice and } \\ & \text { walk test, } \\ & \text { Score on } \\ & \text { single walk } \\ & \text { test } \end{aligned}$ | NR, NR, NR | Participants were instructed to walk as far as possible around a 42 m rectangular path within the given time and not to stop unless they needed to. | NR | Yes |
| Kelly, 2003 ${ }^{27}$ | 20m, <br> Straight, NR | Indoor, NR | 2 trials, 3 hours, Maximum distance | NR, NR, NR | Participants walked from one end of the corridor to the other, covering as much distance as possible in the 6 min period. | No | NR |
| Eng, 2004 ${ }^{28}$ | 42m, Rectangle, NR | Indoor, NR | 2 trials, Separate days, Both scores used No practice trial | Behind* ${ }^{*}$ NR, NR | Participants were instructed to walk as far as possible around a 42 m rectangular path within the given time and not to stop unless they needed to. | Yes*, as per ATS Statement | Yes |
| $\begin{aligned} & \text { Flansbjer, } \\ & 2005^{29} \end{aligned}$ | 30m, Straight, NR | Indoor, Stopwatch | Walk test completed once. | NR <br> Rehab Professional, NR | Participants were instructed to walk 30 m between 2 marks on the floor and to cover as much ground as possible. After passing either mark, they were told to turn and walk back. | No, participants were informed when 3 min remained. | Yes |
| Ng, 2005 ${ }^{63}$ | 33m, | Indoor, | 2 trials, | Behind*, | Participants were | Yes, as per the | NR |


|  | Straight, NR | NR | 1 week, Both results | $\begin{aligned} & \text { NR, } \\ & \text { NR } \end{aligned}$ | instructed to walk up and down along a leveled 33m corridor. | ATS Statement* |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pang, 200530 | 42m, Rectangle, NR | Indoor, NR | Assuming walk test completed once. | NR, NR, NR | Participants were instructed to cover as much distance as they can around a 42 m rectangular path within 6 min and not to stop unless they needed to. | NR | Yes |
| $\begin{aligned} & \text { Flansbjer, } \\ & 2006^{31} \end{aligned}$ | 30m, Straight, NR | Indoor, Stopwatch | 2 trials, 1 week, Score from $2^{\text {nd }}$ trial | $\begin{aligned} & \text { NR, } \\ & \text { NR, } \\ & \text { NR } \end{aligned}$ | Participants were instructed to walk 30 m between 2 marks in a 2.2m wide corridor and to cover as much ground as possible. After passing either mark, they were told to turn and walk back. | No, participants were informed when 3 min remained. | Yes |
| Langhammer, $2006^{32}$ | 85m, <br> Straight, <br> Fast | NR, Stopwatch | Assuming 1 walk completed at admission and discharge, <br> Mean time at stroke unit 18d, Score on each walk test | NR, Rehab Professional, NR | Participants were encouraged to walk as fast and as long a distance as they could in 6 min . | NR | NR |
| Salbach, 2006 $\ddagger 33$ | 20m, Straight, None specified | Indoor, Stopwatch | 2 trials, 30 min , Maximum distance | Slightly behind*, Research personnel, Yes* | Participants were instructed to walk back and forth, unaided if possible, along a 20 m walkway, and to cover the maximum distance possible in 6 min . | Yes, Standardized phrases :"You're doing well" and "Keep up the good work", 30 sec | Yes |
| Tang, 2006 ${ }^{34}$ | 30m, Straight, NR | Indoor, NR | At least 1 practice trial and a single walk test trial, NR, Single walk | NR, NR, NR | Yes, as per the ATS Statement | No | NR |


|  |  |  | test |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Yang, 2006 ${ }^{35}$ | 25m, <br> Straight <br> NR | Indoor, Counting laps/tape measure | Assuming walk test completed once. | NR, Rehab Professional, NR | Participants were instructed to walk back and forth, unaided if possible, along the 25 m walkway. | NR | Yes |
| Liu-Ambrose, $2007^{36}$ | $\begin{aligned} & 42 \mathrm{~m}, \\ & \text { Rectangle, } \\ & \text { NR } \end{aligned}$ | Indoor, NR | Assuming walk test completed once. | $\begin{aligned} & \text { NR, } \\ & \text { NR, } \\ & \text { NR } \end{aligned}$ | Participants were instructed to walk as far as possible around a 42 m rectangular path in 6 min . | NR | NR |
| $\begin{aligned} & \text { Patterson, } \\ & 2007^{37} \end{aligned}$ | $\begin{aligned} & 30.5 \mathrm{~m} \\ & \text { Straight, } \\ & \text { NR } \end{aligned}$ | Indoor, NR | Not clear testing was performed during 7 separate visits over 4-8wks. | NR, <br> NR, <br> NR | Participants were instructed to cover as much distance as possible during 6 min while walking up and down a 30.5 m hallway marked with orange cones. | No | NR |
| $\begin{aligned} & \text { Carvalho, } \\ & 2008^{38} \end{aligned}$ | 30m, Straight, Comfortable | Indoors \& outdoors, Stopwatch | Test completed once indoors and once outdoors in a randomized order | NR, Rehab Professional, NR | Yes, as per the ATS statement. | Yes, feedback on elapsed time and standardized phrases: "you are doing well" and "keep up the good work", 1 min | Yes |
| Fulk, $2008{ }^{39}$ | $\begin{aligned} & \text { 46/76m, } \\ & \text { Oval, } \\ & \text { Comfortable } \end{aligned}$ | Indoors, NR | 2 trials, 1-3d, Scores from both walk tests Note: No practice trials* | Beside, Research Personnel \& Rehab Professional, Yes | Participants were instructed to walk as far as possible for 6 min . | No | Yes |
| Liu, 2008 ${ }^{ \pm 40}$ | 20m, Straight, NR | Indoor, Stopwatch | 2 trials, 30 min , Maximum distance | Slightly behind*, Research personnel, Yes* | Participants were instructed to walk back and forth, unaided if possible, along a 20 m walkway, and to cover the maximum distance possible in 6 min. | Yes, standardized phrases: "You're doing well" and "Keep up the good work", 30 sec | Yes |
| Muren, 2008 ${ }^{41}$ | 30m, Straight, Comfortable | Indoor, NR | Walk test completed once. | $\begin{aligned} & \hline \text { NR, } \\ & \text { NR, } \\ & \text { NR } \\ & \hline \end{aligned}$ | NR | No | NR |


| Allet, 2009 ${ }^{42}$ | Circumference of 50 m , Circular, NR | Indoor, NR | Walk test completed once with each walking aid (total 3 aids), $1 \mathrm{~d}$ | NR, NR, NR | NR | NR | NR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alzahrani, $2009{ }^{43}$ | 40m, Straight, NR | Indoor, Stopwatch | Assuming walk test completed once. | Behind, NR, NR | Yes, as per the ATS Statement. | Yes, as per the ATS Statement | Yes |
| Kluding, $2009^{44}$ | 30.5m, Straight, NR | Indoor, Stopwatch | Assuming walk test completed once. | $\begin{aligned} & \text { NR, } \\ & \text { NR, } \\ & \text { NR, } \end{aligned}$ | Participants were instructed to cover as much ground as possible during the 6 min . | Yes, standardized phrases: "You are doing well, keep up the good work", 1 min | Yes |
| Mudge, 200945 | $33 \mathrm{~m}^{*}$, <br> Straight, Fast* | Indoor*, Stopwatch* | Assuming walk test completed once. | $\begin{aligned} & \hline \text { NR, } \\ & \text { NR, } \\ & \text { NR } \end{aligned}$ | To walk as quickly as you can for 6 min to cover as much ground as possible.* | Yes, feedback on the elapsed time and standardized phrases: 'You're doing a good job' and reporting the time elapsed, 2 min and 4 min* | Yes* |
| Tseng, 2009 ${ }^{46}$ | 30.5m, Straight, NR | $\begin{aligned} & \text { Indoor, } \\ & \text { NR } \end{aligned}$ | Assuming walk test completed once. | Participants guarded by an evaluator, NR, NR | Participants were informed that the goal of the test was to cover as much distance as possible during 6 min . | Yes, standardized phrases, 1 min | NR |
| Fulk, 201047 | $\sim 30 \mathrm{~m}$ * in circumference, Oval, NR | Indoor, Stopwatch | Assuming walk test completed once. | NR, Rehab Professional, NR | Participants were instructed to walk as far as possible for 6 min around an oval course approximately 30 m in circumference. | No | Yes |
| Ng, $2010{ }^{48}$ | 33m, Straight, NR | Indoor, NR | Assuming walk test completed | $\begin{aligned} & \hline \text { NR, } \\ & \text { NR, } \\ & \text { NR } \end{aligned}$ | Participants were instructed to walk back and forth along a level 33m | NR | NR |


|  |  |  | once |  | corridor. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rand, 201049 | 30m, Straight, NR | Indoor, Stopwatch | Assuming walk test completed once | NR, NR, NR | NR <br> Participants were instructed to walk as far as possible during 6 min on a 30 m long walking course. | Yes- feedback on elapsed time and standardized phrases, 1 min | Yes |
| $\begin{aligned} & \text { Calmels, } \\ & 2011^{50} \end{aligned}$ | 70m, Straight, Comfortable | Indoor, NR | 1 walk test at pre- and posttraining, 2 months, Score on each walk test | $\begin{aligned} & \hline \text { NR, } \\ & \text { NR, } \\ & \text { NR } \end{aligned}$ | NR | NR | NR |
| Ng, 2011 ${ }^{51}$ | $\begin{aligned} & \hline 10 \mathrm{~m}, 20 \mathrm{~m}, \\ & 30 \mathrm{~m}, \\ & \text { Straight, } \\ & \text { Comfortable } \end{aligned}$ | Indoor, NR | ```1 trial at each condition (total of 6 trials), 2 conditions/day with a 20 min rest, all tests were completed within 3d``` | Behind, NR, NR | Yes, participants were instructed to walk from one mark to the other, covering as many laps as possible at their own walking pace during the allotted 6 min . Each participant performed the 6MWT under 6 conditions: <br> 1) Turning to the affected side, with a 10 m walkway <br> 2) Turning to the affected side, with a 20 m walkway <br> 3) Turing to the affected side, with a 30 m walkway <br> 4) Turning to the unaffected side, with a 10 m walkway <br> 5) Turning to the unaffected side, with a 20 m walkway <br> 6) Turning to the | Yes, <br> standardized phrases: "You're doing a good job", "You're halfway done", "You have 1 minute to go", 1,3,5 min | Yes |


|  |  |  |  |  | unaffected side, with a 30 m walkway |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ovando, 201152 | 30m, Straight, NR | Indoor, NR | Assuming walk test completed once. | NR, Rehab Professional, NR | Participants were asked to walk from one end to the other of a 30 m long corridor walking the longest distance possible in 6 min . | NR | NR |
| Severinsen, $2011{ }^{53}$ | 30m, Straight, NR | Indoor, Stopwatch \& lap counter | Assuming test completed once. | Starting line, Rehab Professional, training physiologist \& physician, NR | Yes, as per the ATS Statement. | Yes, as per the ATS Statement | Yes |
| Wevers, $2011{ }^{54}$ | 30m, Straight, Comfortable | Outdoors, GPS/MW | 2 trials, Maximum of 5d, Both results used No practice trial* | Behind, NR, <br> Yes | Participants received standardized instructions to walk as far as possible at their comfortable pace for 6 min. Running was not allowed. | Yes, standardized phrases: "You're doing well" and "Keep up the good work", 1 min | NR |
| $\begin{aligned} & \text { Zalewski, } \\ & 20111^{55} \end{aligned}$ | 200m, outside lane of a track, NR | Indoor track, NR | Assuming walk test completed once. | NR, NR, NR | NR | NR | NR |
| $\begin{aligned} & \text { Danielsson, } \\ & 2012^{56} \end{aligned}$ | 30m, Straight, Comfortable | Indoor, NR | Two trials, 10min rest/ return to baseline HR, Maximum distance | NR, NR, NR | Participants were instructed to walk at a selfselected speed round a cone at each end of the 30 m walkway and to cover as much distance as possible in 6 min . | NR | NR |
| Ng, $2012^{57}$ | 33m, Straight, Comfortable | Indoor, NR | Assuming walk test completed once. | Behind, NR, NR | NR | Yes, <br> standardized phrases: "You're doing a good job", You're halfway done" | Yes |


|  |  |  |  |  |  | and "You have 1 minute to go", 1,3 and 5 min |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Schmid, $2012^{58}$ | 30m, NR-assume straight, NR | Indoor, NR | Walk test completed once | NR, <br> Research <br> Personnel, <br> Yes | NR | NR | NR |
| $\begin{aligned} & \text { Brogardh, } \\ & 2012^{59} \end{aligned}$ | 30.5m, Straight, Comfortable | Indoor, NR | Walk test completed once | NR, <br> Rehab <br> Professional, NR | Participants were instructed to walk from end to end at their own pace while attempting to cover as much ground as possible in the allotted 6 min. | $\begin{aligned} & \text { Yes, } \\ & \text { 30s } \end{aligned}$ | Yes |
| Salbach, $2013^{62}$ | 30m, Straight, NR | Indoor, Stopwatch | Two trials, $\geq 20$ min rest, Maximum distance | NR, Rehab Professional, Yes | As per the ATS Statement | As per the ATS Statement | Yes |
| 12MWT |  |  |  |  |  |  |  |
| Eng, 2002 ${ }^{+61}$ | 42m, <br> Rectangle, <br> NR | Indoor, NR | 1 practice and 1 walk test, 3d interval between practice and walk test, Score on single walk test | $\begin{aligned} & \hline \text { NR, } \\ & \text { NR, } \\ & \text { NR } \end{aligned}$ | Participants were instructed to walk as far as possible around a 42 m rectangular path within the given time and not to stop unless they needed to. | NR | Yes |
| Kosak, $2005{ }^{60}$ | 122m, <br> Rectangle, Comfortable | Indoor, Linear scale marked on floor | At least 4 trials, 1d between the first 3 trials and weekly thereafter, Score on each walk test | NR (assistance was provided for balance, weight-shift and leg advancement as needed), Research Personnel, NR | Participants were instructed to walk at their comfortable walking speed. | NR | Yes |

Abbreviations (in alphabetical order): A-AFO, Anterior ankle-foot orthosis; Days; HR, Heart Rate; m, meters; min, Minutes; No., number; NR, Not Reported; sec, Seconds; wk, Weeks; 2MWT, 2-minute walk test; 3MWT, 3-minute walk test; 5MWT, 5-minute walk test; 6MWT, 6 -minute walk test; 12MWT, 12-minute walk test
*Data obtained from author.
†Study examines both the 6MWT and 12MWT.
$\ddagger$ These three articles present analyses of data from one study.
§Calculated from study data.

