Evidence Table H-10: Adjunctive Quality Rating\*

Evidence Table H-10a. Adjunctive trial quality rating

| **Author, Year Country** | **Appropriate Randomization Technique** | **Allocation concealment adequate?** | **Groups (intervention and control) similar at baseline?** | **Eligibility criteria specified?** | **Outcome assessors masked?** | **Reporting of: a) Attrition**  **b) Crossovers,**  **c) Adherence**  **d)Contamination** | **Dropout Rate <20 Percent** | **Intention-to-treat Analysis** | **Appropriate Statistical Analyses** | **Quality** | **Funding Source** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Adegoke, 2001141 Nigeria | Unclear | Unclear | Yes | Yes | Yes | a) No b) No c) Yes d) No | Yes | No | Yes | Fair | NR |
| Adunsky, 2005142 Israel | Yes | Yes | Yes | Yes | Yes | a) No b) No c) No d) No | No | Yes | Yes | Fair | Lifewave Medical Devices Company |
| Ahmad, 2008(a)143  Ahmad, 2008(b)144 Saudi Arabia  Fair | Unclear | No | Yes | Yes | Unclear | a) No b) No c) No d) No | Unclear | Unclear | Yes | Fair | NR |
| Arashi 2011\*176  Arashi 2010\*177 Japan | No | No | Yes | Yes | No | a) No b) No c) No d) No | No | Yes | Yes | Fair | Risk-Taking Fund for Technology Development from the Japan Science and Technology Agency |
| Baker, 1996145 US | Unclear | No | Yes | No | Yes | a) Yes b) Yes c) Yes d) No | Yes | Unclear | Unclear | Fair | National Institute on Disability Research and Rehabilitation |
| Burke, 1998\*146 US | Unclear | Unclear | Yes | Yes | Unclear | a) No b) No c) No d) No | No | No | Yes | Fair | NR |
| Comorosan, 1993147 Romania | Unclear | Unclear | Yes | No | Unclear | a) No b) No c) No d) No | Yes | Yes | No | Fair | NR |
| Dehlin, 2003148 Denmark | Unclear | Unclear | Yes | Yes | Unclear | a) No b) No c) No d) No | Yes | No | Yes | Fair | Biolight International AB |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Author, Year Country** | **Appropriate Randomization Technique** | **Allocation concealment adequate?** | **Groups (intervention and control) similar at baseline?** | **Eligibility criteria specified?** | **Outcome assessors masked?** | **Reporting of: a) Attrition**  **b) Crossovers,**  **c) Adherence**  **d)Contamination** | **Dropout Rate <20 Percent** | **Intention-to-treat Analysis** | **Appropriate Statistical Analyses** | **Quality** | **Funding Source** |
| Dehlin, 2007149 Denmark | Unclear | Unclear | Yes | Yes | Yes | a) No b) No c) No d) No | Unclear | Yes | Yes | Fair | Biolight International AB |
| Durovic, 2008150 Serbia | Yes | No | Yes | Yes | Yes | a) Yes b) No c) No d) No | Yes | No | Yes | Fair | NR |
| Edsberg, 2002\*178 US | Unclear | Unclear | Yes | Yes | Unclear | a) No b) No c) No d) No | No | No | Yes | Fair | NR |
| Feedar 1985179  US | Unclear | Unclear | Unclear | Yes | No | a) No b) No c) No d) No | No | No | Unclear | Poor | NR |
| Ford, 2002151 US | Yes | Unclear | No | Yes | Yes | a) Yes b) Yes c) Yes d) No | Unclear | No | Yes | Fair | Alpha Omega Alpha Student Research Fellowship, Plastic Surgery Education Foundation Scientific Essay Award and grants by the Plastic Surgery Education Foundation and Kinetic Concepts (San Antonio, TX) |
| Gentzkow, 1991152 Canada | Unclear | No | Yes | Yes | Unclear | a) Yes b) Yes c) No d) No | Yes | No | Yes | Fair | NR |
| Griffin, 1991153 US | Unclear | No | Yes | Yes | No | a) Yes b) No c) Yes d) No | Yes | No | Yes | Fair | Foundation for Physical Therapy Inc. |
| Gupta, 2009154 India | Yes | No | Yes | Yes | Unclear | a) Yes b) No c) Yes d) No | Yes | Yes | Yes | Fair | None |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| Ho, 2012156  US | Unclear | No | Yes | Yes | No | a) No b) No c) No d) No | Unclear | Unclear | Yes | Fair | Department of Veterans Affairs Rehabilitation  Research and Development  Service. |
| Houghton, 2010157 US | Yes | Yes | Yes | Yes | Unclear | a) Yes b) No c) Yes d) No | Yes | Yes | Yes | Good | Ontario Neurotrauma Foundation, Prizm Medical, The Roho Group, Argentum medical and Dermasciences Canada |
| Kloth, 1988159 US | Yes | Unclear | Yes | No | Unclear | a) Yes b) Yes c) No d) No | Yes | Yes | No | Fair | NR |
| Kloth, 2002\*64 US | Yes | Yes | Yes | Yes | Yes | a) Yes b) No c) No d) No | No | No | Yes | Fair | NR |
| Larking, 2010\*180 UK | Yes | Yes | Yes | Yes | Unclear | a) Yes b) No c) No d) No | No | No | Yes | Fair | NR |
| Lucas, 2003160 Netherlands | No | No | Yes | Yes | Yes | a) Yes b) Yes c) Yes d) Yes | Yes | No | Yes | Fair | NR |
| Lucas, 2000(a)161 Netherlands | No | No | Yes | Yes | Yes | a) Yes b) No c) No d) No | Yes | Yes | Yes | Fair | Stichting Fondsenwervingsacties Volsgezondheid (Funding Health Charities, The Netherlands) |
| Maeshige, 2010162 Japan | Yes | No | Yes | Yes | Yes | a) Yes b) No c) No d) No | Yes | Unclear | No | Fair | NR |
| McDiarmid, 1985163 UK | Yes | Unclear | Unclear | Yes | Unclear | a) No b) No c) No d) No | Unclear | No | Yes | Fair | NR |

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| Author, Year Country | Appropriate Randomization Technique | Allocation concealment adequate? | Groups (intervention and control) similar at baseline? | Eligibility criteria specified? | Outcome assessors masked? | Reporting of: a) Attrition  b) Crossovers,  c) Adherence  d)Contamination | Dropout Rate <20 Percent | Intention-to-treat Analysis | Appropriate Statistical Analyses | Quality | Funding Source |
| Nussbaum, 1994164 UK | No | No | Yes | No | Yes | a) Yes b) No c) No d) No | No | No | Unclear | Fair | NR |
| Ozdemir, 2011166  Turkey | Unclear | Unclear | Yes | Yes | No | a) No b) No c) No d) No | Yes | No | Yes | Fair | NR |
| Salzberg, 1995167 US | No | Unclear | Yes | Yes | Unclear | a) No b) No c) No d) No | No | No | Yes | Fair | Eastern Paralyzed Veterans Association (Jackson Heights, NY) |
| Schubert, 2001168 Sweden | Yes | No | Yes | No | No | a) No b) No c) No d) No | Yes | No | Yes | Fair | Karolinska Institutet, Gun and Bertil Stohne's foundation, Biolight International |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Stefanovska, 1993\*181  Slovenia | Unclear | Unclear | Unclear | No | Unclear | a) No b) No c) No d) No | No | No | Yes | Poor | Ministry of Science and Technology of the Republic of Slovenia, the Yugoslavia/USA Joint Board, the US National institute for Disability & Rehabilitation Research, Department of Education, and the Commission of the European Communities, Directorate General for Science Research & Development, International Scientific Cooperation, Brussels |
| Taly, 2004171 India | Yes | No | Yes | Yes | Yes | a) Yes b) No c) Yes d) No | Yes | Yes | Yes | Good | National Institute of Mental Health and Neurosciences (Bangalore, India) |

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| ter Riet, 1995172 ter Riet, 1996173 Netherlands | Yes | Yes | Yes | Yes | unclear | a) No b) No c) No d) No | No | Yes | Yes | Good | NR |
| Ullah, 2007182  Bangladesh | Yes | Unclear | No | No | Unclear | a) No b) No c) No d) No | No | No | Yes | Fair | NR |
| Wanner, 2003174 Switzerland | No | No | No | Yes | No | a) Yes b) No c) No d) No | Yes | No | Yes | Fair | NR |
| Wood, 1993175 US | No | No | Yes | No | Unclear | a) Yes b) No c) No d) No | Yes | Yes | Yes | Fair | NR |

Abbreviations: NR, not reported.

\* Direct evidence comparing one intervention with another was limited. Our ability to derive indirect evidence from comparisons across studies was also limited due to variability in study population, design; outcomes measured, and sample size. As a result, some treatment intervention types (vibration therapy 185, hydrotherapy154, extracorporeal shock wave therapy 188, noncontact normothermic wound therapy 67, and hyperbaric oxygen 186), as well as some poor quality studies (electrical stimulation 189) have not been included in direct comparative effectiveness analyses or included in evidence tables, but have been evaluated for quality in Appendix H. Non-comparative studies used for evaluation of harms only were quality rated but not presented in the evidence tables due to the paucity of reportable data in these studies. Our tables include only studies of comparative effectiveness.