

Supplementary Material

Table 1. Table showing quality assessment using QADAS-2 tool for included studies pertaining to diagnosis of concussion using electrophysiology

REFERENCES	RISK OF BIAS	INDEX TEST	REFER ENCE STAN DARD	FLOW AND TIMING	APPLICABI LITY CONCERNS	INDEX TEST	REFERENCE STANDARD
	PATIENT SELECTIO N				PATIENT SELECTION		
WERNER ET AL. [11]	H	L	NA	L	H	L	H
PAPATHANASOPOULOS ET AL. [12]	L	L	NA	L	L	L	H
GAETZ ET AL. [13]	H	L	NA	L	H	L	H
MOORE ET AL. [14]	H	L	NA	L	H	L	H
FREED ET AL. [15]	L	L	NA	L	L	L	L
FIMREITE ET AL. [16]	H	L	NA	L	H	L	H
YADAV ET AL. [17]	H	L	NA	L	H	H	H
LACHAPELLE ET AL. [18]	H	L	NA	L	H	H	L
POLTAVSKI ET AL. [19]	H	L	NA	H	H	H	H
BOUTIN ET AL. [20]	H	L	NA	L	H	L	H
VANDER WERFF ET AL. [21]	H	L	NA	L	H	L	H
AL-HADY ET AL. [22]	H	L	NA	H	L	L	L
BENNA ET AL. [23]	L	L	NA	L	L	L	H
AVERAGING [24]	H	L	NA	H	L	L	L
ROWE ET AL. [25]	L	L	NA	L	L	L	H
NÖLLE ET AL. [26]	L	L	NA	L	L	L	L
HAGLUND ET AL. [27]	L	L	NA	L	L	L	H
SOUSTIEL ET AL. [28]	H	L	NA	L	H	L	H
GEETS ET AL. [29]	L	L	NA	L	L	L	H
SCHOENHUBER ET AL. [30]	L	L	NA	L	L	L	H
SCHOENHUBER ET AL. [31]	L	L	NA	L	L	L	H
SCHOENHUBER ET AL. [32]	L	L	NA	L	L	L	H
LITTLEFIELD ET AL. [42]	H	L	NA	H	L	L	H
SCHERER ET AL. [43]	H	L	NA	H	L	L	H

GATTU ET AL. [44]	H	L	NA	H	L	L	H
MALLINSON ET AL. [45]	L	L	NA	L	L	L	L
BASHIER ET AL. [46]	H	L	NA	L	H	L	H
MILLER ET AL. [47]	H	H	NA	H	H	H	H
TREMBLAY ET AL. [50]	L	L	NA	L	L	L	H
LIVINSTONE ET AL. [51]	L	L	NA	L	L	L	H
DE BEAUMONT ET AL. [52]	L	L	NA	L	L	L	H
TALLUS ET AL. [53]	H	H	NA	L	H	H	H
TALLUS ET AL. [54]	H	H	NA	L	H	H	H
YASEN ET AL. [55]	H	L	NA	L	L	L	L
PEARCE ET AL. [56]	L	L	NA	L	H	L	H
TAKEUCHI ET AL. [57]	H	H	NA	H	L	L	H
DI VIRGILIO ET AL. [58]	H	L	NA	L	L	L	L
TREMBLAY ET AL. [60]	L	L	NA	L	L	L	H
DAVIDSON ET AL. [61]	H	L	NA	H	H	H	L
SEEGER ET AL. [62]	H	L	NA	H	H	H	H
ZUMSTEG ET AL. [63]	L	L	NA	H	L	H	L
MUNIA ET AL. [69]	L	L	NA	L	L	L	H
MUNIA ET AL. [70]	L	L	NA	L	L	L	H
MUNIA ET AL. [71]	L	L	NA	L	L	L	H
HANLEY ET AL. [72]	L	L	NA	L	L	L	L
NAUNHEIM ET AL. [73]	L	L	NA	L	L	L	L
MCCREA ET AL. [74]	H	L	NA	H	L	H	H
MOORE ET AL. [75]	H	L	NA	L	H	L	H
KUMAR ET AL. [76]	H	H	NA	H	L	H	H
GAY ET AL. [77]	H	L	NA	H	H	L	L
MONTGOMERY ET AL. [78]	L	L	NA	H	L	L	L
MOELLER ET AL. [79]	L	L	NA	L	L	L	L
LAVOIE ET AL. [80]	L	L	NA	L	L	L	H
DUPUIS ET AL. [81]	L	L	NA	L	H	L	H
ROGERS ET AL. [82]	H	H	NA	L	H	L	H
BROGLIO ET AL. [83]	L	L	NA	L	L	L	H
VAN BEEK ET AL. [84]	H	L	NA	H	L	H	L

GAETZ ET AL. [85]	L	L	NA	L	L	L	H
THÉRIAULT ET AL. [86]	L	L	NA	L	H	L	H
THÉRIAULT ET AL. [87]	L	L	NA	L	H	L	H
BAILLARGEON ET AL. [88]	L	L	NA	L	L	L	H
MÜLLER ET AL. [89]	H	H	NA	H	L	H	L
ONOFRI ET AL. [90]	L	L	NA	L	L	L	L
PRATAP-CHAND ET AL. [91]	L	L	NA	L	L	L	L
BROGLIO ET AL. [92]	L	L	NA	L	L	L	H
SIVÁK ET AL. [93]	H	L	NA	H	L	H	L
WILSON ET AL. [94]	H	H	NA	L	H	H	H
LEDWIDGE ET AL. [95]	H	H	NA	H	H	H	H
MÄKI-MARTTUNEN ET AL. [96]	L	L	NA	H	L	L	L
LACHAPPELLE ET AL. [97]	H	H	NA	L	H	H	L
ECKNER ET AL. [98]	L	H	NA	L	L	U	H
CAO ET AL. [99]	H	L	NA	L	H	L	H
GOSSELIN ET AL. [100]	L	H	NA	L	L	L	H
PARKS ET AL. [101]	H	L	NA	L	H	H	H
LI ET AL. [102]	L	H	NA	L	H	L	L
THOMPSON ET AL. [103]	H	L	NA	L	H	L	H
SLOBOUNOV ET AL. [104]	L	L	NA	L	L	L	H
SLOBOUNOV ET AL. [105]	H	L	NA	L	L	L	H
NUWER ET AL. [106]	L	L	NA	L	L	L	H
CAO ET AL. [107]	L	L	NA	L	L	L	H
POINTINGER ET AL. [108]	H	L	NA	H	L	L	L
LARSON ET AL. [109]	H	H	NA	H	L	H	H
SLOBOUNOV ET AL. [110]	L	L	NA	L	L	L	H
RAO ET AL. [111]	L	L	NA	L	H	L	L
ARBOUR ET AL. [112]	H	L	NA	H	L	L	H
KHOURY ET AL. [113]	L	H	NA	H	H	L	L
WALLACE ET AL. [114]	L	L	NA	L	H	L	L
WILLIAMS ET AL. [115]	H	H	NA	H	L	H	H
SCHREIBER ET AL. [116]	H	L	NA	H	L	H	L
MOLLAYEVA ET AL. [117]	H	H	NA	H	L	H	H

KAUFMAN ET AL. [118]	L	H	NA	L	H	H	L
STOCKER ET AL. [119]	L	H	NA	H	H	H	H
STOCKER ET AL. [120]	L	H	NA	H	H	H	H

H indicates high, *L* low, *NA* not applicable, *U* unclear