

## Appendix 8: Methodological quality assessment of included cohorts

Study	Defined sample <sup>a</sup>	Consecutive cases <sup>b</sup>	Study attrition <sup>c</sup>	Follow-up rate >80% <sup>d</sup>	Complete follow-up <sup>e</sup>	Prognosis <sup>f</sup>
Bakker et al., 2007 <sup>(1)</sup>	Yes	No	No	Yes	Yes	Yes
Basinski et al., 2022 <sup>(2)</sup>	Yes	No	Yes	Yes	Yes	Yes
BenAmi et al., 2020 <sup>(3)</sup>	Yes	No	No	Yes	Yes	Yes
Besen et al., 2015 <sup>(4)</sup> ; Carstens et al., 2014 <sup>(5)</sup> ; Shaw et al., 2013 <sup>(6)</sup> ; Shaw et al., 2011 <sup>(7)</sup>	Yes	No	No	No	Yes	No
Bousema et al., 2007 <sup>(8)</sup>	Yes	No	Yes	Yes	Yes	Yes
Breen et al., 2011 <sup>(9)</sup>	Yes	No	No	No	No	No
Carey et al., 1995 <sup>(10)</sup> ; Sundararajan et al., 1998 <sup>(11)</sup>	Yes	Yes	No	Yes	Yes	Yes
Carey et al., 2000 <sup>(12)</sup>	Yes	Yes	No	No	No	Yes
Costa et al., 2009 <sup>(13)</sup>	Yes	Yes	No	Yes	Yes	Yes
Coste et al., 1994 <sup>(14)</sup>	Yes	Yes	No	Yes	Yes	Yes
Coste et al., 2004 <sup>(15)</sup>	Yes	Yes	No	Yes	Yes	Yes
Elfering et al., 2014 <sup>(16)</sup> ; Melloh et al., 2011 <sup>(17)</sup> ; Melloh et al., 2012 <sup>(18)</sup> ; Melloh et al., 2013 <sup>(19)</sup> ; Melloh et al., 2013 <sup>(20)</sup> ; Melloh et al., 2013 <sup>(21)</sup> ; Melloh et al., 2013 <sup>(22)</sup> ; Melloh et al., 2015 <sup>(23)</sup> ; Melloh et al., 2015 <sup>(24)</sup>	Yes	Yes	Yes	No	Yes	Yes
Epping-Jordan et al., 1998 <sup>(25)</sup> ; Shaw et al., 2007 <sup>(26)</sup> ; Wahlgren et al., 1997 <sup>(27)</sup> ; Williams et al., 1998 <sup>(28)</sup>	Yes	Yes	Yes	Yes	Yes	Yes
Faber et al., 2006 <sup>(29)</sup>	Yes	Yes	No	Yes	Yes	Yes
Ferguson et al., 2000 <sup>(30)</sup> ; Ferguson et al., 2001 <sup>(31)</sup>	Yes	No	No	Yes	Yes	Yes
Gatchel et al., 1995 <sup>(32)</sup> ; Gatchel et al., 1995 <sup>(33)</sup>	Yes	No	No	No	No	No
Grotle et al., 2005 <sup>(34)</sup> ; Grotle et al., 2007 <sup>(35)</sup>	Yes	No	No	Yes	Yes	Yes
Gurcay et al., 2009 <sup>(36)</sup>	Yes	Yes	No	Yes	Yes	Yes
Hallegraeff et al., 2020 <sup>(37)</sup> ; Hallegraeff et al., 2021 <sup>(38)</sup>	Yes	Yes	No	Yes	Yes	Yes
Hasenbring et al., 2012 <sup>(39)</sup>	Yes	Yes	No	Yes	Yes	Yes
Hazard et al., 1996 <sup>(40)</sup> ; Reid et al., 1997 <sup>(41)</sup>	No	Yes	No	Yes	Yes	Yes

Hendrick et al., 2013 <sup>(42)</sup>	Yes	No	No	Yes	Yes	Yes
Heneweer et al., 2007 <sup>(43)</sup>	Yes	Yes	Yes	Yes	Yes	Yes
Henschke et al., 2008 <sup>(44)</sup>	Yes	Yes	No	Yes	Yes	Yes
Jenkins et al., 2022 <sup>(45)</sup> ; Jenkins et al., 2023 <sup>(46)</sup>	Yes	No	Yes	Yes	Yes	Yes
Karran et al., 2017 <sup>(47)</sup>	Yes	Yes	Yes	Yes	Yes	Yes
Klenerman et al., 1995 <sup>(48)</sup>	Yes	No	No	No	No	Yes
Klyne et al., 2018 <sup>(49)</sup> ; Klyne et al., 2020 <sup>(50)</sup> ; Klyne et al., 2020 <sup>(51)</sup> ; Klyne et al., 2022 <sup>(52)</sup> ; Klyne et al., 2022 <sup>(53)</sup>	Yes	No	No	No	Yes	Yes
Knoop et al., 2022 <sup>(54)</sup>	Yes	No	No	Yes	Yes	Yes
Koleck et al., 2006 <sup>(55)</sup>	Yes	Yes	No	Yes	Yes	Yes
Kovacs et al., 2005 <sup>(56)</sup>	Yes	No	No	Yes	No	Yes
Lehmann et al., 1993 <sup>(57)</sup>	Yes	No	No	Yes	Yes	Yes
Machado et al., 2016 <sup>(58)</sup> ; Pozzobon et al., 2019 <sup>(59)</sup>	Yes	Yes	No	No	Yes	Yes
Medeiros et al., 2018 <sup>(60)</sup>	Yes	Yes	No	Yes	Yes	Yes
Mehling et al., 2011 <sup>(61)</sup> ; Mehling et al., 2012 <sup>(62)</sup> ; Mehling et al., 2015 <sup>(63)</sup> ; Mehling et al., 2015 <sup>(64)</sup>	Yes	No	No	No	Yes	Yes
Morf et al., 2021 <sup>(65)</sup>	Yes	No	No	Yes	Yes	Yes
Muller et al., 2019 <sup>(66)</sup>	Yes	No	No	Yes	Yes	Yes
Poiraudeau et al., 2006 <sup>(67)</sup>	Yes	Yes	No	Yes	Yes	Yes
Ranger et al., 2020 <sup>(68)</sup>	Yes	Yes	No	No	Yes	Yes
Reeser et al., 2001 <sup>(69)</sup>	Yes	Yes	No	No	No	Yes
Schiottz-Christensen et al., 1999 <sup>(70)</sup>	Yes	No	Yes	Yes	Yes	Yes
Schulz et al., 2016 <sup>(71)</sup>	Yes	No	Yes	No	No	Yes
Seyedmehdi et al., 2016 <sup>(72)</sup>	Yes	No	No	Yes	Yes	Yes
Sharpe et al., 2014 <sup>(73)</sup>	Yes	Yes	No	No	Yes	Yes
Shaw et al., 2005 <sup>(74)</sup> ; Shaw et al., 2007 <sup>(75)</sup> ; Shaw et al., 2009 <sup>(76)</sup> ; Shaw et al., 2012 <sup>(77)</sup> ; Shaw et al., 2018 <sup>(78)</sup>	Yes	No	No	Yes	Yes	Yes
Shaw et al., 2011 <sup>(79)</sup>	Yes	Yes	No	Yes	Yes	Yes
Shojaei et al., 2020 <sup>(80)</sup>	Yes	No	No	No	Yes	Yes
Sieben et al., 2002 <sup>(81)</sup>	Yes	No	No	No	No	Yes

Sieben et al., 2005 <sup>(82)</sup>	Yes	No	No	No	No	Yes
Soares Oliveira et al., 2021 <sup>(83)</sup>	Yes	Yes	No	Yes	Yes	Yes
Starkweather et al., 2016 <sup>(84)</sup> ; Bernier Carney et al., 2021 <sup>(85)</sup>	Yes	No	No	No	No	Yes
Suri et al., 2011 <sup>(86)</sup>	Yes	Yes	No	No	No	Yes
Swinkels-Meewisse et al., 2006 <sup>(87)</sup>	Yes	No	No	No	No	Yes
Tan et al., 2018 <sup>(88)</sup>	Yes	Yes	Yes	Yes	Yes	Yes
Thomas and France, 2008 <sup>(89)</sup>	Yes	No	No	Yes	Yes	No
Valat et al., 2000 <sup>(90)</sup>	Yes	No	No	Yes	No	Yes
Zille Queiroz et al., 2017 <sup>(91)</sup> ; Felicio et al., 2021 <sup>(92)</sup> ; Teixeira et al., 2021 <sup>(93)</sup> ; Silva et al., 2022 <sup>(94)</sup> ; Rocha et al., 2023 <sup>(95)</sup>	Yes	No	No	Yes	Yes	Yes
<sup>a</sup> Description of source of patients and inclusion and exclusion criteria <sup>b</sup> Participants were selected as consecutive cases <sup>c</sup> Reasons for loss to follow-up and the description of participants who were lost to follow-up is adequately described and data available at follow-up is representative of the study sample <sup>d</sup> Outcome data were available for at least 80% of participants at one follow-up point <sup>e</sup> At least one prognostic outcome was followed up at 3-months or later <sup>f</sup> Raw data, percentages, rates of persistent LBP or continuous outcomes reported						

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