

Study overview

First author	Publication year	Country	Outcome					Level of care		Study population				Quality category (prevalence studies)
			Burnout	Depression	Psych. wellbeing	Anxiety	Trauma	Primary	Secondary/tertiary	Doctors	Nurses	Other clinical	Other managerial	
Roy	2017	Bangladesh	yes	no	no	no	no	yes	yes	yes	no	no	no	medium
Mbanga	2018	Cameroon	yes	no	no	no	no	yes	yes	no	yes	no	no	medium
Negueu	2019	Cameroon	yes	no	no	no	no	no	yes	yes	yes	yes	no	medium
Mbanga	2019	Cameroon	no	yes	no	no	no	no	yes	no	yes	no	no	medium
Arafa	2003	Egypt	no	no	yes	no	no	no	yes	no	yes	no	no	medium
Sorour	2012	Egypt	yes	no	no	no	no	no	yes	no	yes	no	no	medium
Shams	2013	Egypt	yes	no	no	no	no	no	yes	yes	no	no	no	medium
Kotb	2014	Egypt	yes	no	no	no	no	yes	yes	yes	no	no	no	medium
Mosallam	2015	Egypt	yes	no	no	no	no	no	yes	no	yes	no	no	high
Abdo	2016	Egypt	yes	no	no	no	no	no	yes	yes	yes	no	no	high
Farahat	2016	Egypt	yes	no	no	no	no	yes	no	yes	no	no	no	high
Anwar	2017	Egypt	yes	no	no	no	no	no	yes	no	yes	no	no	high
Elshaer	2018	Egypt	yes	no	no	no	no	no	yes	no	yes	yes	no	high
Hasan	2018	Egypt	no	yes	no	no	no	no	yes	no	yes	no	no	medium
Abdelaziz	2020	Egypt	no	no	yes	no	no	no	yes	no	yes	no	no	high
Kasemy	2020	Egypt	yes	no	yes	no	no	no	yes	yes	yes	no	no	low
Biksegn	2015	Ethiopia	yes	no	yes	no	no	no	yes	yes	yes	yes	no	high
Biksegn	2016	Ethiopia	yes	no	no	no	no	no	yes	yes	yes	yes	no	medium
Weldegebriel	2016	Ethiopia	yes	no	no	no	no	yes	yes	yes	yes	yes	no	medium
Bhagavathula	2018	Ethiopia	yes	no	no	no	no	no	yes	yes	yes	yes	no	medium
Lrago	2018	Ethiopia	yes	no	no	no	no	yes	yes	yes	no	no	no	high
Redae	2019	Ethiopia	yes	no	no	no	no	no	yes	yes	yes	no	no	low
Atindanbila	2012	Ghana	no	yes	no	yes	no	no	yes	no	yes	no	no	medium
Bonenberger	2014	Ghana	yes	no	no	no	no	yes	yes	yes	yes	yes	no	high
Opoku	2014	Ghana	yes	no	no	no	no	yes	yes	yes	no	no	no	medium
Asiedu	2018	Ghana	yes	no	no	no	no	no	yes	no	yes	no	no	low
Ayisi-Boateng	2020	Ghana	yes	no	no	no	no	yes	yes	yes	no	no	no	low
Bhugra	2008	India	yes	no	no	no	no	yes	yes	yes	no	no	no	medium
Agarwal	2011	India	no	no	yes	no	no	no	yes	no	no	yes	no	low
Doshi	2011	India	no	no	yes	no	no	no	yes	no	no	yes	no	medium
Dasgupta	2012	India	yes	no	no	no	no	no	yes	no	yes	no	no	low
Abraham	2013	India	yes	no	yes	no	no	no	yes	no	yes	no	no	medium
Khanna	2013	India	yes	no	no	no	no	yes	yes	yes	yes	yes	no	low
Mathew	2013	India	yes	no	no	no	no	no	yes	no	yes	no	no	medium
Jose	2014	India	no	no	yes	no	no	no	yes	no	yes	no	no	medium
Negi	2015	India	yes	no	no	no	no	no	yes	no	yes	no	no	medium
Amin	2015	India	yes	no	no	no	yes	no	yes	no	yes	no	no	medium
Amte	2015	India	no	no	yes	no	no	no	yes	yes	no	no	no	medium
Jugale	2016	India	yes	no	no	no	no	yes	yes	no	no	yes	no	low
Kulkarni	2016	India	yes	no	no	no	no	yes	yes	no	no	yes	no	low
Sharma	2016	India	yes	no	no	no	no	?	?	no	yes	no	no	medium
Sharma	2016	India	no	no	yes	no	no	yes	no	no	yes	no	no	medium
Nair	2017	India	yes	no	no	no	no	no	yes	yes	no	no	no	low

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Shetty	2017	India	yes	no	no	no	no	no	yes	yes	no	no	no	medium
Wilson	2017	India	yes	no	no	no	no	no	yes	yes	yes	no	no	medium
Prasad	2017	India	no	yes	no	yes	no	yes	yes	no	no	yes	no	medium
Grover	2018	India	yes	yes	no	no	no	no	yes	yes	no	no	no	medium
Verma	2018	India	no	no	yes	no	no	no	yes	no	yes	no	no	low
Baruah	2019	India	yes	no	no	no	no	no	yes	yes	yes	yes	no	medium
Divinakumar	2019	India	yes	no	no	no	no	no	yes	no	yes	no	no	low
Saravanabavan	2019	India	yes	no	no	no	no	no	yes	yes	yes	yes	no	medium
Srivastava	2019	India	yes	no	no	no	no	yes	yes	yes	no	no	no	low
Chichra	2019	India	yes	no	no	no	no	no	yes	yes	no	no	no	low
Dhingra	2020	India	no	no	yes	no	no	no	yes	yes	yes	yes	no	medium
Jose	2020	India	yes	no	no	no	no	no	yes	no	yes	no	no	medium
Hardjanti	2017	Indonesia	no	no	yes	no	no	no	yes	no	yes	no	no	low
Prasanty	2018	Indonesia	no	no	yes	no	no	no	yes	no	yes	no	no	medium
Yestiana	2019	Indonesia	yes	no	no	no	no	no	yes	no	yes	no	no	medium
Ndetei	2008	Kenya	yes	no	no	no	no	no	yes	yes	yes	yes	yes	low
Kokonya	2014	Kenya	yes	no	no	no	no	no	yes	yes	yes	no	no	low
van der Doef	2012	Kenya, Tanzania, Uganda	yes	no	no	no	no	no	yes	no	yes	no	no	medium
Perry	2014	Kenya, Tanzania, Zimbabwe	yes	no	no	no	no	yes	yes	yes	yes	yes	no	medium
Matsubara	2020	Lao PDR	no	no	no	yes	no	no	yes	yes	yes	yes	yes	high
Rakotondrainibe	2018	Madagascar	yes	no	no	no	no	no	yes	yes	no	no	no	medium
Thorsen	2011	Malawi	yes	no	no	no	no	no	yes	no	yes	yes	no	medium
Kim	2018	Malawi	yes	no	no	no	no	yes	yes	no	yes	yes	no	high
Lohmann	2019	Malawi	no	no	yes	no	no	yes	yes	no	yes	yes	no	medium
Bagaajav	2011	Mongolia	yes	no	no	no	no	no	yes	yes	yes	no	no	medium
Belayachi	2010	Morocco	no	no	no	yes	no	no	yes	yes	no	no	no	medium
Massou	2013	Morocco	yes	no	no	no	no	no	yes	yes	yes	no	no	medium
Chtibi	2018	Morocco	yes	no	yes	no	no	no	yes	yes	yes	no	no	medium
Ofili	2004	Nigeria	no	no	yes	no	no	no	yes	yes	no	no	no	medium
Ifeagwazi	2006	Nigeria	yes	no	no	no	no	no	yes	no	yes	no	no	low
Yussuf	2006	Nigeria	no	no	yes	no	no	no	yes	yes	no	no	no	medium
Coker	2009	Nigeria	yes	no	no	no	no	no	yes	yes	yes	no	no	medium
Gandi	2011	Nigeria	yes	no	no	no	no	yes	yes	no	yes	no	no	low
Lasebikan	2012	Nigeria	yes	no	no	no	no	no	yes	no	yes	no	no	high
Pindar	2012	Nigeria	yes	no	no	no	no	no	yes	yes	yes	yes	no	low
Ibikunle	2012	Nigeria	yes	no	no	no	no	no	yes	no	no	yes	no	low
Ojedokun	2013	Nigeria	yes	no	no	no	no	no	yes	yes	yes	no	no	medium
Bello	2013	Nigeria	no	no	yes	no	no	no	yes	yes	no	no	no	high
Aguwa	2014	Nigeria	yes	no	no	no	no	no	yes	yes	yes	yes	no	medium
Okwaraji	2014	Nigeria	yes	no	no	no	no	no	yes	no	yes	no	no	medium
Issa	2014	Nigeria	no	no	yes	no	no	no	yes	yes	no	no	no	low
Obi	2015	Nigeria	no	yes	no	no	no	no	yes	yes	yes	yes	no	medium

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Olanrewaju	2015	Nigeria	no	no	no	no	no	no	yes	no	yes	no	no	low
van Doorn	2016	Nigeria	yes	no	no	no	no	yes	yes	no	yes	no	no	low
Ogualili	2017	Nigeria	no	yes	yes	yes	no	yes	yes	yes	no	no	no	medium
Rotifa	2018	Nigeria	yes	no	yes	no	no	no	yes	yes	yes	no	no	high
Abayomi	2018	Nigeria	yes	no	no	yes	no	no	yes	no	yes	no	no	medium
Obadeji	2018	Nigeria	no	no	yes	no	no	no	yes	yes	yes	yes	no	medium
Ezenwaji	2019	Nigeria	yes	no	no	no	no	yes	yes	no	yes	no	no	low
Ozumba	2019	Nigeria	yes	no	no	no	no	no	yes	yes	yes	no	no	medium
Ugwu	2019	Nigeria	yes	no	no	no	no	no	yes	yes	no	no	no	medium
Seun-Fadipe	2019	Nigeria	no	no	yes	no	no	no	yes	yes	yes	yes	no	High
Nwosu	2020	Nigeria	yes	no	no	no	no	no	yes	yes	no	no	no	medium
Anis-ul-Haque	1997	Pakistan	yes	no	no	no	no	no	yes	no	yes	no	no	medium
Khuwaja	2004	Pakistan	no	yes	no	yes	no	yes	no	yes	no	no	no	medium
Chaudhry	2015	Pakistan	yes	no	no	no	no	no	yes	yes	no	no	no	medium
Ahmad	2015	Pakistan	no	no	yes	no	no	no	yes	yes	yes	yes	no	medium
Waqas	2015	Pakistan	no	no	yes	no	no	yes	yes	yes	yes	yes	no	high
Mushtaq	2015	Pakistan	no	yes	no	yes	no	no	yes	no	yes	no	no	medium
Zafar	2016	Pakistan	yes	no	yes	no	yes	no	yes	yes	no	no	no	high
Naz	2016	Pakistan	yes	no	no	no	no	no	yes	no	yes	no	no	medium
Atif	2016	Pakistan	no	no	yes	no	no	no	yes	yes	no	no	no	medium
Atif	2016	Pakistan	no	yes	no	yes	no	no	yes	yes	no	no	no	medium
Laequee	2018	Pakistan	yes	no	no	no	no	no	yes	no	yes	no	no	medium
Mazhar	2019	Pakistan	yes	no	no	no	no	no	yes	yes	no	no	no	high
Liaqat	2019	Pakistan	yes	no	no	no	no	yes	yes	yes	no	no	no	medium
Bukhari	2019	Pakistan	no	yes	no	no	no	no	yes	no	yes	no	no	medium
Arshad	2020	Pakistan	no	no	no	yes	no	no	yes	yes	no	no	no	low
Ashraf	2020	Pakistan	yes	no	no	no	no	no	yes	yes	no	no	no	medium
Abushaikha	2009	Palestine	yes	no	no	no	no	no	yes	no	yes	no	no	medium
Alhajjar	2014	Palestine	no	no	no	no	yes	no	yes	no	yes	no	no	high
Abu-El-Noor	2016	Palestine	no	no	no	no	yes	no	yes	yes	yes	no	no	medium
Hamdan	2017	Palestine	yes	no	no	no	no	no	yes	yes	yes	no	yes	high
Jaradat	2017	Palestine	no	no	yes	no	no	yes	yes	no	yes	no	no	medium
Abu El-Noor	2018	Palestine	no	no	no	no	yes	no	yes	yes	yes	no	no	high
Veronese	2020	Palestine	no	no	yes	no	no	yes	yes	yes	yes	yes	no	low
Turnipseed	1997	Philippines	yes	no	no	no	no	no	yes	no	yes	no	no	low
Rouleau	2012	Senegal	yes	no	no	no	no	no	yes	no	yes	no	no	high
Jones	2020	Sierra Leone	no	no	yes	no	no	yes	yes	yes	yes	yes	yes	high
Jayawardene	2013	Sri Lanka	no	no	yes	no	no	no	yes	no	yes	no	no	medium
Alsamawi	2020	Sudan	no	yes	no	no	no	no	yes	no	yes	no	no	medium
Aloulou	2013	Tunisia	yes	no	no	no	no	no	yes	no	yes	no	no	low
Amamou	2014	Tunisia	yes	no	no	no	no	no	yes	no	yes	no	no	medium
Muliira	2015	Uganda	no	yes	no	yes	no	yes	yes	no	yes	no	no	medium
Muliira	2016	Uganda	no	no	yes	no	no	yes	yes	no	yes	no	no	medium
Hoang	2013	Vietnam	no	yes	no	no	no	no	yes	yes	yes	yes	no	medium

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Nguyen	2018	Vietnam	yes	no	no	no	no	no	yes	no	yes	no	no	medium
Nguyen	2020	Vietnam	no	no	yes	no	no	no	yes	no	yes	no	no	high
Than	2020	Vietnam	no	no	yes	no	no	no	yes	yes	yes	yes	no	medium
Tran	2020	Vietnam	no	yes	no	yes	no	no	yes	no	yes	no	no	high
Al-Dubai	2010	Yemen	yes	no	no	no	no	no	yes	yes	no	no	no	medium
Kruse	2009	Zambia	yes	no	no	no	no	yes	no	yes	yes	yes	no	high
Dieleman	2007	Zambia	yes	no	no	no	no	yes	yes	yes	yes	yes	no	medium
Mutale	2013	Zambia	yes	no	no	no	no	yes	no	no	yes	yes	no	medium
Tran	2019	Vietnam	no	yes	no	yes	no	no	yes	no	yes	no	no	high
Mhamdi	2018	Tunesia	yes	no	no	no	no	no	yes	yes	yes	no	no	high
Malik	2018	Pakistan	no	no	yes	no	no	?	?	yes	no	no	no	low
Coker	2012	Nigeria	no	no	yes	no	no	no	yes	yes	yes	no	no	high
Coker	2013	Nigeria	yes	no	no	no	no	no	yes	yes	no	no	no	medium
Shakya	2012	Nepal	no	no	yes	no	no	no	yes	no	yes	no	no	high
Doghmi	2013	Morocco	yes	no	no	no	no	no	yes	yes	yes	no	no	low
McAuliffe	2009	Malawi	yes	no	no	no	no	yes	yes	yes	yes	yes	no	low
Mbindyo	2009	Kenya	yes	no	no	no	no	no	yes	no	yes	yes	no	medium
Mishra	2011	India	no	no	yes	no	no	no	yes	yes	yes	yes	yes	medium
Langade	2016	India	yes	no	no	no	no	yes	yes	yes	no	no	no	medium
Ravi	2016	India	yes	no	no	no	yes	no	yes	no	no	yes	no	medium
Sathyananda	2017	India	no	no	yes	no	no	yes	no	no	yes	yes	no	medium
Fiadzo	1997	Ghana	yes	no	no	no	no	no	yes	yes	yes	no	no	low
Selamu	2019	Ethiopia	yes	no	no	no	no	yes	no	no	yes	yes	no	medium

Full list of included studies

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