

S4: Characteristics of guidelines included in the publications

Author / Year	Aim of publication	Number of assessors	Number of guidelines appraised with AGREE II	Publication dates of guidelines included	Guideline topic
Abdelsattar 2015	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Assessment of the evidence base of guidelines ▪ Comparison of recommendations of several guidelines 	4	5	2011-2014	Colon cancer
Acuna-Izcaray 2013	Assessment of the methodological quality of guidelines	4	18	2001, 2003, 2005-2009	Asthma
Agrawal 2012	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	2	10	2008-2010	Invasive fungal disease (haematological-oncological setting)
Al-Ansary 2013	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	4	11	2006-2011	Hypertension
Altman 2015	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	10	2	2003, 2008, 2009, 2012-2014	Osteoarthritis
Alvarez-Vargas 2015	Assessment of the methodological quality of guidelines	3	4	2013, 2014	Hypertension
Arevalo-Rodriguez 2013	Assessment of the methodological quality of guidelines	4	15	2005-2011	Dementia
Armstrong 2016	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	3	19	2004, 2006, 2007, 2009, 2010, 2012, 2013, 2015	Osteoporosis
Avin 2015	Development of Clinical Guidance	3-5	5	2003, 2011-2013,	Prevention of falls

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	Statements (CGS) on the basis of guidelines			2015	
Barber 2015	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Assessment of the quality indicators included in the guidelines 	2	10	2009-2012	Prevention of cardiovascular diseases in patients with rheumatoid arthritis
Bekkering 2014	Identification of the current state of knowledge on the basis of high-quality guidelines	2	9	2007-2011	Alcohol and drug abuse
Binepal 2015	Assessment of the methodological quality of guidelines	3	16	2001, 2002, 2004-2006, 2008, 2009, 2011, 2012, 2014	Care of prematurely born infants
Birken 2015	Assessment of the methodological quality of guidelines	2	16	No details provided	Care of cancer survivors
Bragge 2014	Assessment of the methodological quality of guidelines	4	11	2003, 2005-2008, 2011	<ul style="list-style-type: none"> ▪ Attention training ▪ External aids as memory aids ▪ Brain injury ▪ Cognitive rehabilitation ▪ Drug treatment of neurological complications of traumatic brain injury ▪ Neurogenic limitation ▪ Traumatic brain injury
Brosseau 2014a	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines 	2	11	2002, 2004, 2006, 2007, 2009, 2011	Rheumatoid arthritis
Brosseau 2014b	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of 	2 (3. Assessor is used as a	12	2001, 2003-2005, 2007-2008, 2010-2013	Osteoarthritis

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	several guidelines	substitute)			
Burda 2014	Assessment of the methodological quality of WHO guidelines	3	124	2008-2012	<ul style="list-style-type: none"> ▪ Disability ▪ Blood sampling / donation ▪ Diabetes mellitus ▪ Diarrhoea and pneumonia ▪ Abuse of legal and illegal drugs ▪ Diet and physical activity ▪ Cancer ▪ Air quality in buildings ▪ Notifiable diseases (including diagnostics) ▪ Women's health, contraception, pregnancy, birth, care of newborns ▪ Infection control ▪ Non-communicable diseases (not further specified) ▪ Physiotherapy ▪ Mental and neurological illnesses as well as disorders related to substance abuse ▪ Radon concentration in buildings ▪ Rehabilitation ▪ Pain ▪ Safe surgery ▪ Injuries (not further specified) ▪ Access to healthcare professionals ▪ 9 guidelines provided no

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Burnett 2014	<ul style="list-style-type: none"> ▪ Comparison of recommendations of several guidelines ▪ Assessment of the methodological quality of guidelines 	3	20	2002, 2004, 2006-2012	<ul style="list-style-type: none"> ▪ Acute lymphatic leukaemia ▪ Autoimmune hepatitis ▪ Inflammatory bowel and skin diseases ▪ Rheumatic diseases
Cassis 2015	Assessment of the methodological quality of guidelines	2	55	2001-2015	Inherited neurometabolic disorders
Castellani 2015	Assessment of the methodological quality of guidelines	2	14	2005-2007, 2009-2013	Bipolar disorders
Chen 2015	Assessment of the methodological quality of guidelines	2	17	2001, 2004, 2007-2011	Hypertension
Chua 2015	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	4	10	2009-2013, 2015	Urinary tract infection
Colebatch-Bourn 2015	Improvement of the quality of rheumatology guidelines	k. A.	27	2000, 2003, 2005-2014	Rheumatology
Damiani 2014	<ul style="list-style-type: none"> ▪ Examination of the applicability of guidelines to the target population ▪ Examination of the association between guideline quality and the applicability to the target population 	2	22	2001, 2002, 2005-2008, 2010-2012	Dementia
Dersch 2015	Assessment of the methodological quality of guidelines	2	8	1999, 2004, 2006, 2007, 2010, 2012	Lyme borreliosis
Don-Wauchope 2012	<ul style="list-style-type: none"> ▪ Evaluation of the applicability of the AGREE II instrument to guidelines of the National Academy of Clinical Biochemistry ▪ Assessment of the methodological quality of guidelines of the National 	2	11	2003, 2006, 2007, 2009, 2010	Clinical biochemistry

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	Academy of Clinical Biochemistry				
Falconi 2015	Assessment of the methodological quality of guidelines	k. A.	8	2004-2007, 2012-2014	Cystic neoplasm of the pancreas
Fisher 2014	Development and implementation of guidelines	11	1	No details provided	Urinary incontinence
Fouche 2014	Assessment of the methodological quality of guidelines	2	1	2013	Arrhythmia
Gamst-Jensen 2014	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	2	4	<ul style="list-style-type: none"> ▪ 2007, ▪ No details for 2 guidelines 	Burns
Gandhi 2015	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	2	17	2006, 2007, 2009-2014	Breast cancer
Gillon 2014	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	2	13	2005, 2007, 2008-2013	Hypertension in pregnancy
Girardis 2016	Assessment of the methodological quality of guidelines	4	5	2006, 2008, 2010, 2013	Analgo-sedation
Goyet 2014	<ul style="list-style-type: none"> ▪ Identification of impeding factors for interventions on knowledge transfer in areas with low income ▪ Development of implementation measures for knowledge transfer in areas with low income 	3	2	2013	Pneumonia
Grimmer 2014	Development and testing of a short checklist for the assessment of the methodological quality of guidelines	3	6	2007, 2009, 2011, 2012, 2013	Traumatic brain injury

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Gupta 2015	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	4	13	No details provided	Prostate cancer
Gutarra-Vilchez 2014	Assessment of the methodological quality of guidelines	3	14	2006, 2008-2011	Assisted reproductive technology
Haddadi 2015	Assessment of the methodological quality of guidelines	4	7	2009, 2011-2013	Breast cancer
Haran 2014	Comparison of recommendations of several guidelines	2	5	2006, 2009, 2011, 2012	Postpartum care
Harris 2012	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	2	19	2001, 2003, 2005, 2007-2011	Breast cancer
He 2015	Assessment of the methodological quality of guidelines	4	21	2001, 2005, 2008-2014	Pancreatic cancer
Heine 2015	Assessment of the methodological quality of guidelines	2	6	<ul style="list-style-type: none"> ▪ 2005, 2010-2012 ▪ No details for 1 guideline 	Sensory hearing disorder
Henig 2013	Assessment of the methodological quality and reliability of guidelines	3	20	2004, 2005, 2007-2009, 2011, 2012	<ul style="list-style-type: none"> ▪ Pneumonia ▪ Urinary tract infection
Holmer 2013	Assessment of the methodological quality of guidelines	2	24	2007-2012	Diabetes mellitus type 2
Holvoet 2015	Assessment of the methodological quality of guidelines	5	21	2003, 2004, 2009-2015	Gastrointestinal and liver diseases
Horner 2014	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	2	26	2006, 2008-2014	Cone Beam CT

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Huang 2015	Assessment of the methodological quality of guidelines	2	5	1996, 2011, 2013	Androgenetic alopecia
Huang 2013	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	4	10	2000, 2007, 2009-2013	Thyroid nodules and cancer
Jiang 2015	Assessment of the methodological quality of guidelines	2	49	2001-2012	Head and neck tumours
Jokhan 2015	Comparison of the quality of local guidelines with the quality of national guidelines	2	2	2010, 2011	Fetal movements
Joosen 2015	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	2	14	2003, 2005-2011	Mental illness
Kawala 2014	Assessment of the methodological quality of guidelines	2	4	2009, 2012, 2013	Acne
Kim 2014	Description of the procedure for the update of a Korean guideline	2	6	No details provided	Helicobacter pylori infections
Kirby 2015	Assessment of the methodological quality of guidelines	No details provided	7	<ul style="list-style-type: none"> ▪ 2006-2009, 2011, 2014 ▪ No details for 1 guideline 	Actinic keratosis
Koh 2013	Evaluation of guidelines of AASLD	3	22	1998, 2000-2005, 2008-2011	Liver diseases
Kredo 2012	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines of the Southern African development community ▪ Comparison of recommendations of the Southern African development community with reference guidelines 	2	5	2005, 2006, 2010	<ul style="list-style-type: none"> ▪ Diarrhoea ▪ HIV ▪ Hypertension ▪ Malaria ▪ Pre-eclampsia / eclampsia

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Lambert 2015	<ul style="list-style-type: none"> ▪ Production of a systematic review of guidelines ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	2	19	2004-2006, 2009, 2011, 2012	Perioperative fasting
Langton 2011a	Assessment of the methodological quality of eviQ guidelines	3	2	No details provided	<ul style="list-style-type: none"> ▪ Breast cancer ▪ Sarcoma
Langton 2011b	Assessment of the methodological quality of guidelines	3	21	No details provided	<ul style="list-style-type: none"> ▪ Breast cancer ▪ Sarcoma
Larmer 2014	Assessment of the methodological quality of guidelines	4	17	2001, 2003, 2005, 2007-2009, 2011-2013	Osteoarthritis
Lee 2014	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Formulation of recommendations on the implementation of guidelines 	2	18	2001, 2006, 2009-2013	Acute procedural pain
Li 2015	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	k. A.	14	2003, 2005, 2007, 2009-2012	Pancreatic cancer
Li 2016	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	4	8	2011-2014	Lung cancer
Loder 2012	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	3	3	2009, 2012	Migraine
Lopez-Vargas 2013	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines 	2	11	2002, 2004, 2006, 2008, 2009, 2011	Renal disease

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	<ul style="list-style-type: none"> ▪ Comparison of recommendations of several guidelines 				
Luitjes 2013	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	55	6	2002, 2004, 2005, 2008, 2010	Hypertension in pregnancy
Lytras 2014	Assessment of the methodological quality of guidelines	6	7	1992, 1995, 1998, 2005, 2008, 2012	Asthma
Marciano 2014	<ul style="list-style-type: none"> ▪ Evaluation of the evidence base of guidelines ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	4	9	2003, 2006-2008, 2010-2012	Melanoma
Nagler 2014	Comparison of recommendations of several guidelines	4	10	2003-2004, 2007, 2008-2009, 2010-2014	Hyponatraemia
Nelson 2014	Assessment of the methodological quality of guidelines	2	16	2003, 2005, 2007-2009, 2012, 2013	Osteoarthritis
Norberg 2012	<ul style="list-style-type: none"> ▪ Examination of the level of knowledge of guideline users concerning the guideline recommendations ▪ Survey of guidelines users' opinion on guideline quality 	4	7	1999, 2006, 2008, 2009	Cannabis abuse
Nowobilski 2013	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of guidelines 	3	2	2009, 2011	Asthma
Nuckols 2014	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of 	4-6	13	2002, 2008-2012	Chronic pain

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	guidelines				
Nuki 2014	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of guidelines 	2	4	2006, 2007, 2012, 2014	Gout
Olivera 2015	Assessment of the methodological quality of guidelines	2	5	2005, 2010-2012	Chagas disease
Padjas 2014	Assessment of the methodological quality of guidelines	4	10	2000, 2006-2008, 2010, 2011	Allergic rhinitis
Pak 2014	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	2	3	2013	Hypertension
Parisi 2014	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of the process of guideline development with AGREE II ▪ Identification of consistent and inconsistent recommendations 	11	6	2002-2004, 2012	Headache in children
Piano 2013	Assessment of the methodological quality of guidelines	2	9	2006-2010	Neuropathic pain in cancer patients
Polus 2012	Assessment of the methodological quality of guidelines	4	4	2007, 2009, 2011	Maternal health care
Qaseem 2013	Assessment of the methodological quality of guidelines	4	4	2008-2010	Prostate cancer
Rapoport 2015	Assessment of the methodological quality of guidelines	8	9	2009-2013	Driving with an illness
Rios 2014	Assessment of the methodological quality of guidelines	3	10	2000, 2002, 2005, 2007, 2008, 2010, 2012	Bleeding of oesophageal or gastric varices
Rohde 2013	Assessment of the methodological	2	19	2003, 2005, 2006	Stroke

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	quality of guidelines			,2008-2010	
Sabharwal 2014a	Assessment of the methodological quality of AAOS guidelines	3	14	2007, 2009-2013	Orthopaedics
Sabharwal 2014b	Assessment of the methodological quality of guidelines	2	7	2009-2013	Thrombosis prophylaxis for orthopaedic surgery
San Martin-Galindo 2015	Assessment of the methodological quality of guidelines	2	3	2004, 2005, 2012	Fissure sealing
Sanclemente 2014	Assessment of the methodological quality of guidelines	3	6	2007, 2009, 2011, 2012	Acne
Santos 2012	Assessment of the methodological quality of guidelines	4	12	2000, 2002, 2005-2010	<ul style="list-style-type: none"> ▪ Anxiety disorders ▪ Bipolar affective disorders ▪ Depression ▪ Mental disorders (not further specified)
Schildmann 2015	<ul style="list-style-type: none"> ▪ Comparison of recommendations of several guidelines ▪ Assessment of the methodological quality of guidelines 	2	9	2003-2005, 2007, 2009, 2010, 2012	Palliative sedation
Schoenmaker 2013	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	3	17	2000-2003, 2005-2007, 2009, 2011	Dialysis
Seron 2014	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	3	9	1995, 1999, 2000, 2002, 2004, 2006, 2007	Cardiologic rehabilitation
Shen 2014	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines 	2	5	2003, 2008, 2009, 2011	Cushing syndrome

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	<ul style="list-style-type: none"> ▪ Comparison of guideline recommendations 				
Simons 2016	<ul style="list-style-type: none"> ▪ Comparison of recommendations of several guidelines ▪ Assessment of the methodological quality of guidelines 	2	7	2011-2014	Chronic heart failure
Smith 2015	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	4	3	2009, 2011-2013	Juvenile idiopathic arthritis
Stacey 2013	Development and evaluation of evidence-informed clinical nursing protocols for remote assessment, triage and support of cancer treatment-induced symptoms	4	12	2002, 2004, 2007, 2008	Cancer treatment-induced symptoms
Syan 2016	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of guideline recommendations 	2	5	No details provided	Urinary incontinence
Tian 2015	Assessment of the methodological quality of guidelines	4	15	1997, 1998, 2003, 2007-2012	Glioblastoma
Tremblay 2010	<ul style="list-style-type: none"> ▪ Description of the update process of the Canadian Physical Activity Guidelines 	1	1	No details provided	Physical activity
Tudor 2013	Assessment of the methodological quality of guidelines	2	7	2005, 2006, 2008, 2010	Neurology
Tunnicliffe 2015	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of guidelines 	2	14	1999, 2008, 2010, 2012-2014	Lupus erythematosus
Vanclouster	<ul style="list-style-type: none"> ▪ Assessment of the methodological 	7	3	2007, 2010, 2011	Haemochromatosis

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2015	quality of guidelines <ul style="list-style-type: none"> ▪ Comparison of recommendations of several guidelines 				
Vanommeslaeghe 2015	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	4	15	2006, 2009 2011-2013	No details provided
Wang 2014	Assessment of the methodological quality of guidelines	3	40	1999, 2001, 2003-2005, 2007-2013	Hepatocellular carcinoma or liver metastases
Werner 2016	Assessment of the methodological quality of guidelines of the European Dermatology Forum (EDF)	4	25	<ul style="list-style-type: none"> ▪ 2009-2014 ▪ No details for 7 guidelines 	Dermatology
White 2014	Assessment of the methodological quality of a guideline	18	1	2008	Concussion during sports
Wilby 2015	Assessment of the methodological quality of guidelines	4	20	1997, 2001, 2004, 2006-2013	Infectious diseases in children
Wong 2015	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	2	17	1995, 2001-2004, 2007-2013	Treatment of injuries due to traffic accidents
Wu 2015a	Assessment of the methodological quality of guidelines	4	2	2008, 2013	Macular degeneration
Wu 2015b	Assessment of the methodological quality of guidelines	4	3	2009, 2010	Open-angle glaucoma
Wu 2015c	Assessment of the methodological quality of guidelines	4	3	2012, 2013	Diabetic retinopathy
Wu 2015d	Assessment of the methodological quality of guidelines	4	3	2008, 2010, 2011	Cataract
Yaman 2015	Assessment of the methodological quality of NASS guidelines	4	6	2008-2013	Disorders of the spine

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Yan 2013	Assessment of the methodological quality of guidelines	2	10	2002, 2003, 2007-2010	<ul style="list-style-type: none"> ▪ Hypertension ▪ Pheochromocytoma
Ye 2014	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of several guidelines 	2	12	2008-2011, 2013, no details for 1 guideline	Monitoring of vancomycin therapy
Yuwen 2015	Assessment of the methodological quality of guidelines	3	5	1996, 2002, 2008, 2011	Stroke
Zeng 2014	<ul style="list-style-type: none"> ▪ Assessment of the methodological quality of guidelines ▪ Comparison of recommendations of guidelines 	4	13	2005, 2006, 2008, 2009, 2012, 2013	Upper respiratory tract infection in children
Zhang 2014	Assessment of the methodological quality of guidelines	2	17	1999-2001, 2006-2012	Myasthenia gravis