Table 1: Guideline data collection

Guideline table	Arguments	Key	
Guideline number	Numerical number to allocate the guideline.	Numerical number	
Filenames	File name of the record.	e.g. "G0001.csv"	
Guideline name	Identity of the guideline.	Copy the guideline name from the guideline	
Guideline disease	Disease where the recommendations are made for.	Copy the disease	
Name of the guideline institution	Guideline institution who wrote the guideline.	Copy the guideline institution's name	
Category of the guideline	Category institution who wrote the guideline.	0 = industry	
institution		1 = HTA	
		2 = NICE	
		3 = SIGN	
		4 = SIGN + other body	
		5 = professional body (e.g. RCPCH / BTS)	
		6 = NICE + other body	
		7 = other	
Funding	Mentioned funder in the guideline	0 = unclear, not mentioned	
		1 = industry	
		2 = government	
		3 = foundation	
		4 = other	
		5 = not externally funded	
Date of guideline publication	Date of guideline publications	Month and year of publication. E.g. "Dec-11"	
Review date	Date the guideline is/will be reviewed	0 = unclear update time	
		Review date in time in years after first publication.	
Update time mentioned in the	Time period for the guideline to be updated given in the	0 = unclear update time	
guideline	guideline.	Update time in years.	
Number of recommendations	Number of recommendations made in the guideline	Number of recommendations	
Number of recommendations	Number of recommendations made in the guideline	Number of included recommendations	
included	which included in the research		
Methodology used in the	Methodology used by the guideline.	Copy the used methodology	
guideline			
URL	For quick access to the quideline.	Copy the URL	
Comment	Place for making a comment if necessary	Type the comment	

		5 = easy; in the guideline	
Completeness of declarations	How complete the declarations of interest are. E.g. only	y 1 = not available	
of interest	mentioned that there is no conflict of interest or per	2 = unknown because difficult to access	
	person mentioned what the work functions are.	3 = unspecified	
		4 = specified what conflicts are	
		5 = specified per person what all work functions are	
Conflict of interest	If there is a conflict of interest	0 = unknown	
		1 = yes	
		2 = no	
Grading	Methodology used for grading the evidence used in the	0 = Unknown	
	guideline	1 = SIGN	
		2 = AHCPCR, 1992	
		3 = GRADE (Grading of Recommendations Assessment,	
		Development and Evaluation system)	
		4 = HTA report	
		5 = Other	
Level of evidence per	If the level of evidence per recommendation is given in	0 = Inapplicable	
recommendation known	the guideline	1 = Yes	
		2 = No	

Table 2: Guideline recommendation data collection

Guideline table	Arguments	Key	
Guideline name	To identify the guideline.	Copy the guideline name from the master table of guidelines	
Guideline number	To refer to the guideline	Copy the guideline number from the master table of guidelines	
Filenames	File name of the record.	e.g. "0001.csv"	
Number of recommendations	Number of recommendations made in the guideline.	Number of recommendations	
Recommendation number	Numerical number to allocate the recommendation.	Numerical number	
Page of recommendation	To easily find the recommendation	0 = inapplicable Copy the page of recommendation	
Paragraph of recommendation	To easily find the recommendation	Copy the paragraph of recommendation	
Recommendation	Recommendation made in the guideline	Copy the recommendation	
Recommendation included	e.g. recommendations about diagnosing are excluded	0 = included 1 = excluded	
Level of evidence	Use SIGN methodology to determine the reliability of the recommendation.	SIGN methodology 1++ = High quality meta-analyses, systemic reviews of RCTs, or RCTs with a very low risk of bias. 1+ = Well conducted meta-analyses, systemic reviews, or RCTs with a low risk of bias. 1- = Meta-analyses, systemic reviews, or RCTs with a low risk of bias. 2++ = High quality systematic reviews of case control or cohort studies. High quality case control or cohort studies with a very low risk of confounding or bias and a high probability that the relationship is causal. 2+ = Well conducted case control or cohort studies with a low risk of confounding or bias and a moderate probability that the relationship is causal.	

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[2- = Case control or cohort studies with a high risk of confounding or bias and a significan	t risk that the
	relationship is not causal	
	3 = Non-analytical studies, eg case reports, case series	
	4 = Expert opinion	
	Converting GRADE methodology to SIGN methodology:	
	QoE (quality of evidence) GRADE methodology Converted to SIGN methodology	
	High 1	
	Moderate 2	
	Low 3	
	Very low 4	
	Converting AHCPR methodology to SIGN methodology:	
	Level of evidence AHCPR methodology	Converted to
		SIGN
		methodology
	A: Requires at least one randomised controlled trial as part of the body of literature of overall	1 2++
	good quality and consistency addressing the specific recommendation.	0.1.0
	B: Requires availability of well conducted clinical studies but no	2 3
	randomised clinical trials on the topic of the recommendation.	0.1.4
	C: Requires evidence from expert committee reports or opinions and/or clinical experience of	3 4
	respected authorities. Indicates absence of directly applicable studies of good quality.	
	Converting level of evidence used in the BTS guideline: Guidelines for the	
	management of community acquired pneumonia in children, to SIGN methodology:	
	Level of evidence BTS methodology Converted to SIGN	
	methodology	
	A+: A good recent systematic review of studies designed to 1 2	
	answer the question of interest	
	A-: One or more rigorous studies designed to answer the 2	
	A-: One or more rigorous studies designed to answer the question, but not formally combined B+: One or more prospective clinical studies which illuminate, 2	
	A-: One or more rigorous studies designed to answer the question, but not formally combined B+: One or more prospective clinical studies which illuminate, but do not rigourisly answer, the question	
	A-: One or more rigorous studies designed to answer the question, but not formally combined B+: One or more prospective clinical studies which illuminate, but do not rigourisly answer, the question B-: One or more retrospective clinical studies which illuminate, 2	
	A-: One or more rigorous studies designed to answer the question, but not formally combined B+: One or more prospective clinical studies which illuminate, but do not rigourisly answer, the question	

		Converting BTS methodology to SIG only given A/B/C/D: (guidelines for n services for children with disorders management of children presenting	ion-CF bronchiectasis / RCPCI of sleep/ RCPCH: A clinical gu	H: standards for ideline for the
		Level of evidence BTS methodology A B C D	Converted to SIGN methodolog 1 ++ 1+ 1 2 2 3 4	y
		Converting level of evidence of the Emycobacterical infections, to SIGN r		Converted to SIGN methodology
		A: Requires at least one randomised of body of literature of overall good qualithe specific recommendation.		1 2++
		B: Requires availability of well conduction randomised clinical trials on the topic		2
		C: Requires evidence from expert cor and/or clinical experience of respecte absence of directly applicable studies	nmittee reports or opinions d authorities, but indicates	3 4
		X = recommendation excluded		
Decision for the level of evidence	Who specified the level of evidence	0 = level of evidence specified by the gu 1 = level of evidence specified by us 2 = level of evidence unclear	ideline	
Grades of recommendations	Use SIGN methodology to determine the	X = recommendation excluded 0 = grade of recommendation unclear SIGN methodology		
	reliability of the recommendation.	A = At least one meta-analysis, sys the target population; or A body	stematic review, or RCT rated as y of evidence consisting principal ion, and demonstrating overall controls.	lly of studies rated as 1+,directly

B = A body of evidence including studies rated as 2++, directly applicable to the and demonstrating overall consistency of results; or Extrapolated evidence as 1++ or 1+ C = A body of evidence including studies rated as 2+, directly applicable to the to demonstrating overall consistency of results; or Extrapolated evidence from 2++. D = Evidence level 3 or 4; or Extrapolated evidence from studies rated as 2+ Converting GRADE methodology to SIGN methodology: QoE (quality of evidence) GRADE methodology	from studies rated arget population and a studies rated as
Converting BTS methodology to SIGN methodology: Level of evidence BTS methodology A+: A good recent systematic review of studies designed to answer the question of interest A-: One or more rigorous studies designed to answer the question, but not formally combined B+: One or more prospective clinical studies which illuminate, but do not rigourisly answer, the question B-: One or more retrospective clinical studies which illuminate, but do not rigoursly answer, the question C: formal combination of expert views D: other information	Converted to SIGN methodology A B B C B C B C D D

		Converting level of evidence of the BTS guideline: management of opportunist myco to SIGN methodology:	bacterical infections,
		Level of evidence BTS methodology	Converted to SIGN methodology
		A: Requires at least one randomised controlled trial as part of the body of literature of overall good quality and consistency addressing the specific recommendation.	A B
		B: Requires availability of well conducted clinical studies but no randomised clinical trials on the topic of recommendation.	B C
		C: Requires evidence from expert committee reports or opinions and/or clinical experience of respected authorities, but indicates absence of directly applicable studies of good quality.	D
		X = recommendation excluded	
Decision for the grades of recommendation	Who specified the level of evidence	0 = grade of recommendation specified by the guideline 1 = grade of recommendation specified by us 2 = grade of recommendation unclear	
		X = recommendation excluded	
Patient's age	Age of the patients the recommendation is made for.	0= inapplicable Age in years e.g. 4 – 8.5 Baby: 0-1 Neonate: 0- 1/12	
		X = recommendation excluded	
Subcategory of patients/disease	Category of patients/disease. E.g. Acute asthma versus chronicle asthma.	0 = inapplicable 1 = pregnant 2 = smoking 3 = symptomatic 4 = mild 5 = moderate 6 = severe 7 = life threatening 8 = breastfeeding 9 = other 10 = acute	
		11= chronic	

		12 = parents
		X = recommendation excluded
Moment of	At which moment	0 = inapplicable
therapy	of therapy the	1 = starting
. ,	intervention starts.	2= stepping up
		3 = maintenance
		4 = stepping down
		5 = exacerbations
		6 = continue
		7 = add on
		X = recommendation excluded
Type of	Type of	0 = avoidance
intervention	intervention. E.g.	1 = nutritional/herbal
	physiotherapy.	2 = exercise/physiotherapy
		3 = prevention
		4 = pharmacological
		5 = surgical
		6 = weight reduction
		7 = quit smoking
		8 = other
		9 = supporting tool
		10 = referral to specialist
		11 = educational/informational
		12 = psychotherapy
		13 = hospitalisation
		14 = type of device
		X = recommendation excluded
Effective	If an intervention is	0 = effective/recommended
intervention	effective or not	1 = not effective/ not recommended
		2 = intervention not more or less favoured over one other/insufficient evidence to make a choice
		X = recommendation excluded
Specific medicine	Medicine	0= inapplicable
	recommended	Copy the name of the medicine recommended
	recommended	Copy the name of the medicine recommended

		X = recommendation excluded		
Main group of the medicine	Main group of the recommended	0= inapplicable		
	medicine	Copy the name and number of the main group of the medicine from	om the table. If the medicine is not mentioned in	
		the table: put the name and number of the main group (See BNF	for children) in the table and copy from the table.	
		Main group of the medicine	Number of the main group of the medicine	
		Allergen immunotherapy	3.4.2	
		Allergic emergencies	3.4.3	
		Aminoglycosides	5.1.4	
		Anaemias and some other blood disorders	9.1	
		Antibacterial drugs	5.1	
		Antifibrinolytic drugs and haemostatics	2.11	
		Antifungal drugs	5.2	
		Antihistamines	3.4.1	
		Antimuscarinic bronchodilators	3.1.2	
		Antituberculosis drugs	5.1.9	
		Antiviral drugs	5.3	
		Bronchodilators	3.1	
		Cephalosporins, carbapenems, and other beta-lactams	5.1.2	
		Compound bronchodilator preparations	3.1.4	
		Corticosteroids	6.3	
		Cough suppresants	3.9.1	
		Cromoglicate and related therapy	3.3.1	
		Drugs used in nasal allergy	12.2.1	
		Immunoglobulins	14.5	
		Inhaled corticosteroids	3.2	
		Leukotriene receptor antagonists	3.3.2	
		Macrolides	5.1.5	
		Magnesium	9.5.1.3	
		Minerals	9.5	
		Mucolytics	3.7	
		Nasal preparations for infection	12.2.3	
		Non-steroidal anti-inflammatory drugs	10.1.1	
		Oral glucocorticoid therapy	6.3.2	
		Oxygen	3.6	

			T =
		Penicillins	5.1.1
		Proton pump inhibitors	1.3.5
		Quinolones	5.1.12
		Selective beta 2 agonists	3.1.1.1
		Skin cleansers, antiseptics, and preparations for promotion of wound	13.11
		healing	
		Some other antibacterials	5.1.7
		Sulphonamides and trimethoprim	5.1.8
		Tetracyclines	5.1.3
		Theophylline	3.1.3
		Topical nasal decongestants	12.2.2
		Vaccines and antisera	14.4
		Vitamins	9.6
		X = recommendation excluded	
Number of the	The main group	0= inapplicable	
main group of the	recommended for		
medicine	intervention can	Copy the name and number of the main group of the medicine from the t	table (table can be found at main group of
	be the same while	the medicine). If the medicine is not mentioned in the table: put the name	e and number of the main group (See BNF
	the subgroup	for children) in the table and copy from the table.	- , ,
	might differ.		
		X = recommendation excluded	
Dosage	Total dose/day of	0= inapplicable	
	the medicine for a	Copy the total dose (mg)/day for a child of 20 kg's.	
	stated amount of		
	weight	X = recommendation excluded	
Date of literature	A guideline might	0 = date not clear	
search	have different	Copy the date of literature search per recommendation.	
	dates of literature		
	search for different	X = recommendation excluded	
	chapters.		
Title of Cochrane	If a Cochrane	Title(s) of the used Cochrane reviews	
Review used	review was used		
	for the	X = recommendation excluded	
	recommendation		
Number of	,,	Number(s) of the title(s) of the Cochrane reviews.	
Cochrane Review			
used		X = recommendation excluded	

Agreement between review and guideline	Agreement between the recommendations in the Cochrane review and the guideline.	0 = inapplicable 1 = completely/ No evidence in CR but the guideline has to make a recommendation and takes in mind the fifferent target group, adverse effects, pharmacovigilance, costs etc. 2 = partial 3 = no agreement 4 = No evidence and guidelines makes a strong recommendation Give examples X = recommendation excluded	
Title of Cochrane	Cochrane review	Title(s) of the Cochrane reviews that could be used	
Review could be	relevant to the		
used	guideline	X = recommendation excluded	
Number of	Cochrane review	Number(s) of Cochrane reviews that could be used.	
Cochrane Review	relevant to the		
could be used	guideline	X = recommendation excluded	
Comment	Place to make a comment is there	Type the comment	
	is something extraordinary	X = recommendation excluded	
Recommendation	If the	0 = included	
included	recommendation	1 = excluded	
	in the guideline is		
	included		
Who found the	If the Cochrane	0 = inapplicable/recommendation excluded	
Cochrane Review	Review was	1 = Guideline linked the Cochrane Review to the recommendation as well (Both).	
	included in the	2 = Guideline linked the Cochrane Review to the recommendation but we did not (They).	
	guideline or not	3 = We linked the Cochrane Review to the recommendation but the guideline did not (We).	

Table 3: Cochrane Review data collection

Cochrane Review table	Arguments	Key
Cochrane number	Numerical number to allocate the Cochrane Review.	Numerical number
Filename	File name of the record.	e.g. "C0001.csv"
Cochrane title	Identity of the Cochrane Review.	Copy the Cochrane Review name from the Cochrane Review.
Cochrane disease	Disease where the recommendations are made for.	Copy the heading used in the Cochrane Library
Date of publication	Date of Cochrane Review publications	Month and year of publication. E.g. "Dec-11"
Date of first publication	Publication date of the first version of the Cochrane Review	Copy the date of "review first published" in the Cochrane Review under "history".
Number of recommendations	Number of recommendations made in the Cochrane Review.	Number of recommendations
Clear recommendation	If the recommendation is clear or not	 0 = (no recommendation possible as) no evaluable evidence. Might be a clear recommendation but there is no evidence to confirm (e.g. C0282.csv) 1 = "soft"/partial recommendation: recommendation made but more evidence necessary to confirm or when "may" is used in the recommendation/effective but benefits have to be weighed against the risk of side effects/clear recommendation but more evidence necessary to confirm. 2 = clear neutral recommendations: no significance difference between interventions 3 = clear positive recommendation 4 = clear negative recommendation 5 = clear recommendation (nor positive nor negative)
URL	For quick access to the Cochrane Review.	Copy the URL
Comment	Place for making a comment if necessary	Type the comment
Accessed date	Accessed date of the Cochrane Review	Accessed date of the Cochrane Review. "e.g. 03/07/2012"

Table 4: Cochrane review recommendations data collection

Cochrane Review table	Arguments	Key	
Cochrane title	To identify the Cochrane Review.	Copy the Cochrane Review name from the master table of	
		Cochrane reviews.	
Cochrane number	To refer to the Cochrane Review	Copy the Cochrane Review number from the master table of	
		Cochrane Reviews	
Filename	File name of the record.	e.g. "C0001.csv"	
Number of recommendations	Number of recommendations made in the	Number of recommendations	
	Cochrane Review.		
Recommendation number	Numerical number to allocate the	Numerical number	
	recommendation.		
Recommendation	Recommendation made in the Cochrane Review	Copy the author's conclusions form the Cochrane Review	
Recommendation included			
Patient's age			
Subcategory of patients/disease			
Moment of therapy	See Table 2: Guideline recommendation data collection		
Type of intervention			
Specific medicine			
Main group of the medicine			
Number of the main group of the			
medicine			
Dosage			

Table 5: Cochrane Reviews relevant to the guideline

Cochrane Reviews and Guidelines linking table	Arguments	Key
Name of guideline	To identify the guideline.	Copy the guideline name from the master table of guidelines
Number of guideline	To refer to the guideline	Copy the guideline number from the master table of guidelines
File name	File name of the record.	e.g. "L0001.csv"
Number	Number of the inserted data	e.g. " 1"
Title of Cochrane Review referred to in the guideline	Title of Cochrane Review mentioned in the references	Copy the title of the Cochrane Review 0 =inapplicable
Number of Cochrane Review referred to in the guideline	Number of Cochrane Review mentioned in the references	Copy the number of the Cochrane Review 0 =inapplicable
Comment	Reason for excluding a Cochrane Review/ we did not find the Cochrane Review	If applicable type the comment 0 =inapplicable
Cochrane Review linked to a recommendation by the guideline	If a Cochrane Review is in agreement with a specific recommendation made in the guideline	0 = inapplicable (Cochrane Review excluded/withdrawn from publication) 1 = yes 2 = no
Title of Cochrane Review found by us	If a Cochrane Review is relevant to a guideline on basis of the name of the guideline or of a recommendation made in the guideline	Copy the title of the Cochrane Review 0 =inapplicable
Number of Cochrane Review found by us	If a Cochrane Review is relevant to a guideline on basis of the name of the guideline or of a recommendation made in the guideline	Copy the number of the Cochrane Review 0 =inapplicable
Cochrane Review linked to a recommendation by us	If a Cochrane Review is relevant to a recommendation in the guideline based on that recommendation	0 = inapplicable (did not find the Cochrane Review) 1 = yes 2 = no
Who found the Cochrane Review	If the Cochrane Review is cited by the guideline or not.	0 = inapplicable 1 = the guideline as well 2 = only the guideline 3 = only we 4 = only the guideline but excluded. E.g. pregnancy/adults only/withdrawn