S3 File. Data extraction form

Title of the systematic review: A systematic review on improving implementation of the revitalised integrated disease surveillance and response system in the African region: a health workers' perspective.

Registration number: CRD42019124108.

1. General Information

Item	Description
1. Date form completed (dd/mm/yyyy)	
2. Name of person extracting data (AKSN/RCK)	
3. Document title (title of article/report)	
4. Publication type (article/report/review/commentary)	
5. Country study was conducted	
6. Study ID (i.e. surname of author and publication year)	
7. Aim of the study	
8. Disease conditions of focus	

2. Eligibility

Item	Description
9. Type of study	
10. IDSR system assessment year (i.e. 2010 onwards when revised guidelines were adopted in Africa)	
11. Language used in the document (i.e. English only)	
12. Decision (i.e. with reasons for either inclusion or exclusion)	
13. Notes	

3. Methods

Item	Description as stated in the document
14. Study design	
15. Study population description	
16. Sampling technique	
17. Sample size	
18. Data collection methods	
Notes	

4. Outcomes

How outcomes were measured	Description as stated in the document
19. Surveillance functions assessed (core, support or attribute)	
20. Outcomes (key findings and recommendations)	
Notes:	

5. Results and findings

Outcome 1: (Note: details provided here)	Description as stated in the document
21. Unit of analysis	
22. Description of findings	
23. Any other results reported	
Notes:	

6. Limitation strategy

Item	Description as stated in the document
24. Strengths	
25. Study limitations	
Notes:	

7. Conclusion and other information

Item	Description as stated in the document
26. Key conclusions by study authors	
Notes:	

8. Risk of bias (Quality Assessment)

External/Internal Validity	Data extractors to determine whether conditions were met (Yes/No/Not Applicable)
27. Was the study's target population representative of health workers/personnel?	
28. Was the sample size sufficient to inform study outcomes? (based on whether it was a quantitative or qualitative study or both)	
29. Was random sampling used for quantitative studies or purposive sampling for qualitative studies?	
30. Was the likelihood of self-reporting bias minimised through other strategies?	
31. Were the data collected a reflection of the study outcomes?	
32. Were the methods for data collection and analysis appropriate?	
33. Were the conclusions and recommendations in line with the study objectives?	
Notes:	