Appendix B. Data Abstraction Form

This form has been developed by adopting and customizing the 'Data collection form- RCTs and NRS' produced by The Cochrane Collaboration. Customization includes the addition of new sections, as well as the omission of sections not relevant to the review.

Notes on using data extraction form:
- Be consistent in the order and style you use to describe the information for each report.
- Record any missing information as unclear or not described, to make it clear that the information was not found in the study report(s), not that you forgot to extract it.
- Include any instructions and decision rules on the data collection form, or in an accompanying document. It is important to practice using the form and give training to any other authors using the form.

1. General Information

1. Date form completed (dd/mm/yyyy)	/ /
2. Name of person extracting data	☐ Connor M. ORielly ☐ Khara M. Sauro
3. Contact details of person extracting data	
4. Title of Article/Abstract (that data are extracted from)	
5. Study ID (plus surname of author and year of study publication)	
6. Study country of origin	
7. Study funding source	
8. Possible conflicts of interest	☐ Reported ☐ Not Reported
9. Notes:	

2. Eligibility

Study Characteristics	Inclusion Criteria	Location in text (page#/fig#/table#)
10. Type of study (design)	☐ Case Study ☐ Case Series ☐ Observational	

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11. Population description		
12. Focused diseases/conditions		
13. Types of outcome measures		
14. Decision (with reasons for either inclusion or exclusion)	☐ Include ☐ Exclude If Exclude, explain:	
15. Notes		

IF STUDY IS EXCLUDED FROM REVIEW, DO NOT CONTINUE

2. Population and setting

	Description	Location in text (page#/fig#/table#)
16. Population description		
17. Source/setting of the population (e.g., urban, rural, ethnic group)		
18. Method(s) of recruitment of participants	☐ Random ☐ Non-Random Method:	
19. Notes:		

3. Methods

	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)

20. Aim of study		
21. Design (e.g., cross-sectional, RCT, CCT)	☐ Case Study ☐ Case Series ☐ Observational	
22. Sampling technique (e.g., random or convenience)	☐ Random ☐ Non-Random	
23. Study start date (dd/mm/yyyy)	/ /	
24. Study end date/duration (dd/mm/yyyy)	/ / **OR** Duration:	
25. Notes:		

4. Participants

	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)
26. Total number of participants/Sample size		
27. Age		
28. Sex	☐ Both Sexes ☐ Males ☐ Females	
29. Genders Represented		
30. Country		
31. Predominant medical complaint		
32. Co-morbidities (if any)		
33. Definition of 'Frequent use' (if any)		

34. Notes:

5. Outcomes

Keep only the tables for outcomes relevant to this particular study, duplicate tables as necessary.

Outcome 1: Alterations to surgical programming (RQ1)	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)
35. Outcome definition		
36. Time points measured		
37. Domains of change	☐ Surgical triage ☐ PPE ☐ Workforce ☐ Patient care ☐ Environmental	
38. Unit of measurement	☐ Group ☐ Individual	
39. Notes:		

Outcome 2: Patient-level outcomes (RQ2)	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)
40. Specify Outcome		
41. Outcome definition		
42. Time points measured		
43. Unit of Measurement	☐ Group ☐ Individual	
44. Unit of measurement		
45. Notes:		

Outcome 3: System-level outcomes (RQ2)	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)
46. Specify Outcome		
47. Outcome definition		
48. Time points measured		
49. Unit of Measurement	☐ Group ☐ Individual	
50. Unit of measurement		
51. Notes:		

Outcome 4: Practitioner-level outcomes (RQ2)	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)
52. Specify Outcome		
53. Outcome definition		
54. Time points measured		
55. Unit of Measurement	☐ Group ☐ Individual	
56. Unit of measurement		
57. Notes:		

Outcome 5: Alterations to rebuild capacity (RQ3)	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)
58. Outcome definition		
59. Time points measured		

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60. Domains of change	☐ Surgical triage ☐ PPE ☐ Workforce ☐ Patient care ☐ Environmental	
61. Unit of measurement	☐ Group ☐ Individual	
62. Notes:		

6. Results and findings

Keep only the tables for outcomes relevant to this particular study, duplicate tables as necessary.

Outcome 1: Alterations to surgical programming (RQ1)	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)
63. Subgroup (if applicable, e.g., age/sex specific reporting)		
64. Results		
65. Response/non-response rate		
66. Unit of analysis (i.e., individual or group)		
67. Notes:		

Outcome 2: Patient-level outcomes (RQ2)	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)
68. Subgroup (if applicable, e.g., age/sex specific reporting)		
69. Results		
70. Response/non-response rate		
71. Unit of analysis (i.e., individual or group)		
72. Notes:		

Outcome 3: System-level outcomes (RQ2)	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)
73. Subgroup (if applicable, e.g., age/sex specific reporting)		
74. Results		
75. Response/non-response rate		
76. Unit of analysis (i.e., individual or group)		
77. Notes:		

Outcome 4: Practitioner-level outcomes (RQ2)	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)
78. Subgroup (if applicable, e.g., age/sex specific reporting)		
79. Results		
80. Response/non-response rate		
81. Unit of analysis (i.e., individual or group)		
82. Notes:		

Outcome 5: Alterations to rebuild capacity (RQ3)	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)
83. Subgroup (if applicable, e.g., age/sex specific reporting)		
84. Results		
85. Response/non-response rate		
86. Unit of analysis (i.e., individual or group)		
87. Notes:		

Research Questions informed by this study *(tick only boxes matching the outcome tables kept above)*

☐ Changes to surgical programming in response to public health emergency

☐ Impacts of changes to surgical programming
☐ Actions to rebuild surgical capacity post-public health emergency

7. Strengths, limitations and mitigation strategy

	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)
88. Strengths		
89. Limitations		
90. Strategies to overcome limitations		
91. Notes:		

8. Conclusion and other information

	Descriptions as stated in the article/abstract	Location in text (page#/fig#/table#)
92. Key conclusions of study authors		
93. Notes:		