Supplementary 2

Table S1: Data extraction instrument

Data extraction instrument																		
Author (year)	Data collection time (Year)	Mid-year	Country	WHO region	Income Group	Definition	Intervention	surgery type (minimally invasive/ open)	Operation urgency	Design	Name of surgery procedure	Population (N)	SSI	Incidence rate	Length of follow-up	Contaminated or dirty (N)	Risk factor (N)

List of articles included in the study:

22 studies from the USA,[1-22] 12 from Spain,[23-34] eight from China,[35-42] seven from Japan,[43-49] seven from Brazil,[50-56] four from Korea,[57-60] four from Canada,[61-64] three from the UK,[65-67] three from Germany,[68-70] five international studies,[71-75] two from each of Sierra Leone,[76, 77] Israel,[78, 79] Tanzania,[80, 81] Norway,[82, 83] Poland,[84, 85] and Ethiopia,[86, 87] and one from each of Thailand,[88] Croatia,[89] Vietnam,[90] Taiwan,[91] Mexico,[92] Egypt,[93] South Africa,[94] Nepal,[95] Switzerland,[96] Netherlands,[97] Italy,[98] Ireland,[99] India,[100] France,[101] Ghana,[102] Saudi Arabia,[103] Myanmar,[104] Kosovo,[105] Belgium,[106] and Turkey.[107]

The Critical Appraisal Skills Program (CASP) checklist for appraising cohort and case-control studies was used.[108] The researchers gave numbers for the questions responses as follows: Yes (2); Can't Tell (1); No (0). (Table S2)

Table S2: Characteristics of studies included in this scoping review

Number	Author	Data collection time (Year)	Country	Design	Did the study address a clearly focused issue? (for both case-control and cohort studies)	Did the authors use an appropriate method to answer their question? (for case-control)/ Was the cohort recruited in an acceptable way? (for cohort study)	Were the cases recruited in an acceptable way? (for case-control)/ Was the exposure accurately measured to minimize bias? (for cohort)	Were the controls selected in an acceptable way? (for case-control)/ Was the outcome accurately measured to minimize bias? (for cohort)	Was the exposure accurately measured to minimize bias? (for case-control)/ Have the authors identified all-important confounding factors? (for cohort)	Aside from the experimental intervention, were the groups treated equally? (for case-control)/ Have they taken account of the confounding factors in the design and/or analysis? (for cohort)	Have the authors taken account of the potential confounding factors in the design and/or in their analysis? (for case-control)/ Was the follow-up of subjects complete enough? (for cohort)	How large was the treatment effect? (for case-control)/ Was the follow-up of subjects long enough? (for cohort)	How precise was the estimate of the treatment effect? (for case-control)/ What are the results of this study? (for cohort)	Do you believe the results? (for case-control))/ How precise are the results? (for cohort)	Can the results be applied to the local population? (for case-control)/ Do you believe the results? (for cohort)	Do the results of this study fit with other available evidence? (for case-control)/ Can the results be applied to the local population? (for cohort)	Do the results of this study fit with other available evidence? (for cohort)	What are the implications of this study for practice? (for cohort)
1	Chopra T et al.[14]	2006-2009	USA	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
2	Crombe T et al.[101]	2004-2013	France	Case-control	2	2	2	2	2	1	2	2	0	2	2	2		
3	Di Gennaro F et al.[76]	2018-2019	Sierra Leone	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
4	Falvo A et al.[15]	2015-2017	USA	Case-control	2	2	2	2	2	2	0	2	0	2	2	2		
5	Gomaa K et al.[93]	2013-2017	Egypt	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
6	Griffiths J et al.[63]	1996-2002	Canada	Case-control	2	2	2	2	2	0	2	0	1	2	1	2		
7	He X et al.[39]	2010-2021	China	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
8	Jeong S J et al.[60]	2007-2008	Korea	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
9	Kong B et al.[69]	not specified	Germany	Case-control	2	2	2	2	2	1	0	2	0	2	1	2		
10	Kvalvic S A et al. [82]	2014–2016	Norway	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
11	Liu S et al.[40]	2014-2016	China	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
12	Liu S et al.[41]	2015-2017	China	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
13	Joseau S et al.[32]	2010-2014	Spain	Case-control	2	2	2	2	1	1	0	2	0	2	1	2		

14	Olsen M A et al.[16]	2003-2005	USA	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
15	Pedroso-Fernandez Y. et al.[33]	2007-2013	Spain	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
16	Pop-Vicas A et al.[17]	2012-2015	USA	Case-control	2	2	2	2	2	1	0	2	0	2	1	2		
17	Regmi A et al.[95]	2019-2019	Nepal	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
18	Saeed K B M et al.[99]	2014-2016	Ireland	Case-control	2	2	2	2	2	1	2	2	2	2	2	2		
19	Shimizu K et al.[49]	2007-2008	Japan	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
20	Skarsgard E D et al.[64]	2012-2013	Canada	Case-control	2	2	2	2	2	1	2	2	2	2	1	2		
21	Tserenpuntsag B et al.[18]	2009-2010	USA	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
22	Zonta S et al.[98]	2003-2013	Italy	Case-control	2	2	2	2	2	2	2	2	2	2	2	2		
23	Gong S P et al.[42]	2005-2009	China	Nested case-control	2	2	2	2	2	2	2	1	2	2	1	2		
24	Olsen M A et al.[19]	1999-2001	USA	Nested case-control	2	2	2	2	2	2	2	2	2	2	2	2		
25	Kondakasseril N R et al.[100]	2010-2011	india	Nested case-control	2	2	2	2	2	1	0	2	0	2	1	2		
26	Algado-Sellés N et al.[23]	2012–2017	Spain	Prospective cohort	2	1	2	1	1	2	2	2	2	2	2	2	2	2
27	Assawapalanggool S et al.[104]	2007-2012	Myanmar	Prospective cohort	2	2	1	1	2	1	2	2	2	2	2	2	2	2
28	Bediako-Bowan A A A et al.[102]	2019	Gana	Prospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	Bellusse G C. et al.[50]	2016-2017	Brazil	Prospective cohort	2	1	2	2	2	2	2	2	2	2	2	2	2	2
30	Bhangu A et al.[71]	2016	International studies	Prospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	de la Cuesta R S et al.[24]	2012-2017	Spain	Prospective cohort	2	1	2	2	1	2	1	2	1	1	1	1	2	2
32	de Oliveira A C et al.[51]	2001-2002	Brazil	Prospective cohort	2	1	1	2	2	2	2	2	2	1	2	1	2	2
33	Dubinsky-Pertzov B et al.[74]	2012-2017	Israel, Switzerland, and Serbia	Prospective cohort	2	2	2	2	1	2	2	2	2	2	2	2	2	2
34	Emil A et al.[78]	2005-2007	Israel	Prospective cohort	2	1	2	2	2	2	2	2	2	1	2	2	2	2
35	Geubbels E et al.[97]	1996-2000	Netherlands	Prospective cohort	2	1	1	2	2	2	2	2	2	2	2	2	2	2
36	Drake TM et al.[72]	2014-2014	International studies	Prospective cohort	2	2	2	2	1	2	2	1	2	2	2	2	2	2
37	Golzarri M F et al.[92]	2014-2015	Mexico	Prospective cohort	2	2	2	2	2	2	2	0	2	2	2	2	1	1
38	Gomila A et al.[26]	2011-2014	Spain	Prospective cohort	2	2	2	2	1	1	2	0	2	2	2	1	2	1
39	Hoffman T et al.[79]	2008-2017	Israel	Prospective cohort	2	1	1	2	1	2	1	2	2	1	2	2	2	2
40	Hübner M et al.[96]	1998-2008	Switzerland	Prospective cohort	2	2	2	2	1	2	1	2	2	2	2	1	1	1
41	Jeong S J et al.[57]	2010-2011	Korea	Prospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42	Jesús Hernández-Navarrete M et al.[27]	2002-2003	Spain	Prospective cohort	2	2	2	2	2	1	2	2	2	2	1	1	2	2
43	Kasatpibal N et al.[88]	2003-2004	Thailand	Prospective cohort	2	2	2	2	1	1	1	2	2	2	2	1	2	2
44	Ketema D B et al.[86]	2019-2019	Ethiopia	Prospective cohort	2	1	1	2	1	2	2	2	2	2	2	2	2	2
45	Killian C A et al.[1]	1996-1998	USA	Prospective cohort	2	1	1	2	2	2	2	2	2	1	2	2	2	2
46	Kim ES et al. [58]	2007-2009	Korea	Prospective cohort	2	1	1	2	1	2	2	2	2	2	2	1	2	2
47	Lakoh S et al.[77]	2021-2021	Sierra Leone	Prospective cohort	1	1	2	2	2	2	2	2	2	2	2	2	2	2
48	Lijaemiro H et al.[87]	2019	Ethiopia	Prospective cohort	2	0	2	2	2	2	2	2	2	2	2	2	2	2

49	Limón E et al.[28]	2007-2011	Spain	Prospective cohort	2	2	1	2	1	2	2	2	2	2	2	1	2	2
50	Mpogoro F J et al.[80]	2011-2012	Tanzania	Prospective cohort	2	1	2	2	2	2	1	2	2	2	2	2	2	2
51	Nguhuni B et al.[81]	NA	Tanzania	Prospective cohort	2	2	2	2	1	1	2	2	2	2	2	2	2	2
52	Páramo-Zunzunegui J et al.[29]	2017-2018	Spain	Prospective cohort	2	1	2	2	1	1	2	2	2	1	2	2	2	2
53	Rodríguez-Caravaca G et al.[73]	2009-2016	International studies	Prospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
54	Sánchez-Santana T et al.[30]	2007-2015	Spain	Prospective cohort	2	1	1	2	1	1	2	2	2	1	1	2	2	2
55	Swart O et al.[94]	2017	South Africa	Prospective cohort	2	2	1	2	1	1	2	2	2	2	2	2	2	2
56	Tang R et al.[91]	1995-1998	Taiwan	Prospective cohort	2	2	1	2	1	0	2	2	2	2	2	1	2	2
57	Thelwall S et al.[65]	2007-2011	UK	Prospective cohort	2	2	2	2	1	1	2	2	2	2	2	2	2	2
58	Tran T S et al.[90]	1997	Veitnan	Prospective cohort	2	2	0	2	1	2	2	2	2	2	2	0	2	0
59	Utsumi M et al.[43]	2003-2007	Japan	Prospective cohort	2	1	2	2	2	2	2	2	2	2	2	2	2	2
60	Wang Z W et al.[35]	2018	China	Prospective cohort	2	2	2	2	2	1	2	2	2	2	2	2	2	2
61	Wloch C et al.[66]	2009	UK	Prospective cohort	2	2	2	2	1	2	2	0	2	2	2	2	2	1
62	Zejnullahu V A et al.[105]	2018	Kosovo	Prospective cohort	2	2	1	2	1	2	2	2	2	2	2	1	2	2
63	Araki T et al.[44]	2009-2010	Japan	Prospective cohort	2	2	2	2	2	2	2	2	2	2	2	1	2	2
64	Bicudo-Salomão A et al.[52]	2006-2013	Brazil	Prospective cohort	2	2	2	2	1	2	0	0	2	2	2	1	2	1
65	Bislenghi G et al.[106]	2016-2017	Belgium	Prospective cohort	2	2	2	2	2	2	1	1	2	2	2	2	2	2
66	Bogdanic B et al.[89]	2009-2011	Croatia	Prospective cohort	2	2	2	2	1	2	1	2	2	2	2	2	2	2
67	Delgado-Miguel C et al.[31]	2017-2018	Spain	Prospective cohort	2	2	2	2	0	2	2	2	2	2	2	1	2	1
68	Drake T M et al.[75]	2014	UK and Ireland	Prospective cohort	2	2	2	2	1	1	2	2	2	2	2	1	2	2
69	Gomila A et al.[25]	2011-2014	Spain	Prospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
70	Hou T-Y et al.[36]	2015-2018	China	Prospective cohort	2	2	2	2	1	2	2	2	2	2	2	2	2	2
71	Kleeff J et al.[68]	2012-2013	Germany	Prospective cohort	2	2	2	2	0	0	2	1	2	0	1	2	2	2
72	Kudsi O Y et al.[2]	2012-2019	USA	Prospective cohort	2	2	2	2	2	2	1	2	2	0	2	2	2	2
73	Li Z et al.[37]	2018-2019	China	Prospective cohort	2	2	2	2	2	2	2	2	2	0	2	2	2	2
74	Oliveira A C et al.[56]	2000	Brazil	Prospective cohort	2	2	2	2	1	0	1	0	2	1	2	1	2	2
75	Opoien H K et al.[83]	2003	Norway	Prospective cohort	2	2	2	2	2	0	0	2	2	2	0	1	2	2
76	Taylor G et al.[61]	1995	Canada	Prospective cohort	2	2	2	2	0	0	2	2	2	0	2	1	2	2
77	Uchino M et al.[45]	2008-2011	Japan	Prospective cohort	2	2	2	2	2	1	2	1	2	2	2	1	2	2
78	Uchino M et al.[46]	2006-2007	Japan	Prospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
79	Hollenbeak C S .et al.[22]	1990/1995	USA	Prospective cohort	2	2	2	2	2	1	2	0	2	0	2	1	2	2
80	Tanner J et al.[67]	2008	UK	Prospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
81	Ruiz-Tovar J et al.[34]	2007/2011	Spain	Prospective cohort	2	2	2	2	1	0	2	1	0	2	0	2	1	2
82	Aktas A et al.[107]	2017-2018	Turkey	Prospective cohort	2	2	2	2	2	2	1	2	2	2	2	2	2	2
83	Abdi H et al.[62]	2006/2016	Canada	Retrospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
84	Anandalwar S P et al.[3]	2013-2014	USA	Retrospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2

85	Dong Z M et al.[4]	2008-2013	USA	Retrospective cohort	2	2	2	2	2	2	2	0	2	2	2	1	2	1
86	Hemmila M R et al.[5]	2005-2007	USA	Retrospective cohort	2	2	1	2	1	2	1	2	2	2	2	1	2	2
87	Kim J H et al.[59]	2015	Korea	Retrospective cohort	2	2	2	2	2	2	1	1	2	2	2	1	2	2
88	Lawson EH et al.[6]	2011	USA	Retrospective cohort	2	2	1	2	2	1	2	2	2	0	2	2	2	2
89	Lemke M et al.[7]	2016	USA	Retrospective cohort	2	2	2	2	1	2	1	1	2	2	2	2	2	2
90	Xiao Y et al.[38]	2010-2013	China	Retrospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
91	Aghdassi S J S et al.[70]	2017-2019	Germany	Retrospective cohort	2	2	2	2	0	2	2	2	2	2	2	1	2	1
92	Alkaaki A et al.[103]	2016	Saudi Arabia	Retrospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
93	Amri, R., et al.[8]	2004-2014	USA	Retrospective cohort	2	2	2	2	1	0	2	2	2	0	2	2	2	2
94	Biscione F M et al.[53]	1993-2006	Brazil	Retrospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
95	Blumetti J et al.[9]	2002-2005	USA	Retrospective cohort	2	1	2	2	2	2	2	1	2	0	2	1	2	1
96	Chipko J et al.[10]	2015	USA	Retrospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
97	Coleman J et al.[11]	1999-2012	USA	Retrospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
98	Fukuda H et al.[47]	2007-2011	Japan	Retrospective cohort	2	2	2	2	2	2	2	1	2	2	2	2	2	2
99	Funamizu N et al.[48]	2015-2019	Japan	Retrospective cohort	2	2	2	1	2	2	1	2	2	2	2	2	2	2
100	Hellinger W C et al.[12]	2003-2004	USA	Retrospective cohort	2	2	2	2	1	2	2	2	2	2	2	2	2	2
101	Hreńczuk M et al.[84]	2016-2017	Poland	Retrospective cohort	2	1	2	2	2	0	0	0	1	2	0	2	2	1
102	Johnston C et al.[13]	2011-2019	USA	Retrospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2
103	Mik M et al.[85]	2008-2015	Poland	Retrospective cohort	2	2	2	2	1	2	1	1	2	2	2	1	2	1
104	Oliveira R A et al.[54]	2009-2015	Brazil	Retrospective cohort	2	1	2	2	2	2	2	1	2	0	2	1	2	1
105	Fusco S D B et al.[55]	2010-2013	Brazil	Retrospective cohort	2	2	2	2	2	2	2	1	2	2	2	2	2	2
106	Shree R et al.[20]	2011	USA	Retrospective cohort	2	2	2	2	2	2	2	1	1	2	2	2	2	2
107	Mohan S et al.[21]	2012-2013	USA	Retrospective cohort	2	2	2	2	2	2	2	2	2	2	2	2	2	2

References

1 Killian CA, Graffunder EM, Vinciguerra TJ, Venezia RA. Risk factors for surgical-site infections following cesarean section. Infect Control Hosp Epidemiol. 2001;22:613-7. doi: 10.1086/501831. PubMed PMID: 11776346.

2 Kudsi OY, Gokcal F, Chang K. Propensity score matching analysis of short-term outcomes in robotic ventral hernia repair for patients with a body mass index above and below 35 kg/m(2). Hernia. 2021;25:115-23. doi: 10.1007/s10029-019-02108-2. PubMed PMID: 31845099.

3 Anandalwar SP, Cameron DB, Graham DA, Melvin P, Dunlap JL, Kashtan M, et al. Association of Intraoperative Findings With Outcomes and Resource Use in Children With Complicated Appendicitis. JAMA Surg. 2018;153:1021-7. doi: 10.1001/jamasurg.2018.2085. PubMed PMID: 30046808; PubMed Central PMCID: PMCPMC6583076.

4 Dong ZM, Chidi AP, Goswami J, Han K, Simmons RL, Rosengart MR, et al. Prior inpatient admission increases the risk of post-operative infection in hepatobiliary and pancreatic surgery. HPB (Oxford). 2015;17:1105-12. doi: 10.1111/hpb.12499. PubMed PMID: 26333471; PubMed Central PMCID: PMCPMC4644362.

5 Hemmila MR, Birkmeyer NJ, Arbabi S, Osborne NH, Wahl WL, Dimick JB. Introduction to propensity scores: A case study on the comparative effectiveness of laparoscopic vs open appendectomy. Arch Surg. 2010;145:939-45. doi: 10.1001/archsurg.2010.193. PubMed PMID: 20956761.

6 Lawson EH, Hall BL, Ko CY. Risk factors for superficial vs deep/organ-space surgical site infections: implications for quality improvement initiatives. JAMA Surg. 2013;148:849-58. doi: 10.1001/jamasurg.2013.2925. PubMed PMID: 23864108.

7 Lemke M, Park L, Balaa FK, Martel G, Khalil JA, Bertens KA. Passive Versus Active Intra-Abdominal Drainage Following Pancreaticoduodenectomy: A Retrospective Study Using The American College of Surgeons NSQIP Database. World J Surg. 2021;45:554-61. doi: 10.1007/s00268-020-05823-5. PubMed PMID: 33078216.

8 Amri R, Dinaux AM, Kunitake H, Bordeianou LG, Berger DL. Risk Stratification for Surgical Site Infections in Colon Cancer. JAMA Surg. 2017;152:686-90. doi: 10.1001/jamasurg.2017.0505. PubMed PMID: 28403477; PubMed Central PMCID: PMCPMC5547926.

9 Blumetti J, Luu M, Sarosi G, Hartless K, McFarlin J, Parker B, et al. Surgical site infections after colorectal surgery: do risk factors vary depending on the type of infection considered? Surgery. 2007;142:704-11. doi: 10.1016/j.surg.2007.05.012. PubMed PMID: 17981191.

10 Chipko J, DeSantis A, Quinn E, Velanovich V. Effects of modifiable, non-modifiable and clinical process factors in ventral hernia repair surgical site infections: A retrospective study. Am J Surg. 2017;214:838-43. doi: 10.1016/j.amjsurg.2017.07.017. PubMed PMID: 28739123.

11 Coleman JS, Green I, Scheib S, Sewell C, Lee JM, Anderson J. Surgical site infections after hysterectomy among HIV-infected women in the HAART era: a single institution's experience from 1999-2012. Am J Obstet Gynecol. 2014;210:117. doi: 10.1016/j.ajog.2013.08.037. PubMed PMID: 23999425.

12 Hellinger WC, Crook JE, Heckman MG, Diehl NN, Shalev JA, Zubair AC, et al. Surgical site infection after liver transplantation: risk factors and association with graft loss or death. Transplantation. 2009;87:1387-93. doi: 10.1097/TP.0b013e3181a25133. PubMed PMID: 19424041.

13 Johnston C, Godecker A, Shirley D, Antony KM. Documented beta-Lactam Allergy and Risk for Cesarean Surgical Site Infection. Infect Dis Obstet Gynecol. 2022;2022:5313948. doi: 10.1155/2022/5313948. PubMed PMID: 35281850; PubMed Central PMCID: PMCPMC8906943.

14 Chopra T, Marchaim D, Lynch Y, Kosmidis C, Zhao JJ, Dhar S, et al. Epidemiology and outcomes associated with surgical site infection following bariatric surgery. Am J Infect Control. 2012;40:815-9. doi: 10.1016/j.ajic.2011.10.015. PubMed PMID: 22325729.

15 Falvo A, Vacharathit V, Kuhn JE, Fluck M, Cunningham RM, Petrick AT, et al. Comparison of short-term outcomes following Roux-en-Y gastric bypass in male and female patients using the MBSAQIP database. Surg Obes Relat Dis. 2020;16:1236-41. doi: 10.1016/j.soard.2020.04.045. PubMed PMID: 32580922.

16 Olsen MA, Higham-Kessler J, Yokoe DS, Butler AM, Vostok J, Stevenson KB, et al. Developing a risk stratification model for surgical site infection after abdominal hysterectomy. Infect Control Hosp Epidemiol. 2009;30:1077-83. doi: 10.1086/606166. PubMed PMID: 19803722; PubMed Central PMCID: PMCPMC3618681.

17 Pop-Vicas A, Musuuza JS, Schmitz M,

Al-Niaimi A, Safdar N. Incidence and risk factors for surgical site infection post-hysterectomy in a tertiary care center. Am J Infect Control. 2017;45:284-7. doi: 10.1016/j.ajic.2016.10.008. PubMed PMID: 27938988.
18 Tserenpuntsag B, Haley V, Van Antwerpen C, Doughty D, Gase KA, Hazamy PA, et al. Surgical site infection risk factors identified for patients undergoing colon procedures, New York State 2009-2010. Infect Control Hosp Epidemiol. 2014;35:1006-12. doi: 10.1086/677156. PubMed PMID: 25026617.
19 Olsen MA, Butler AM, Willers DM, Devkota P, Gross GA, Fraser VJ. Risk factors for surgical site infection after low transverse cesarean section. Infect Control Hosp Epidemiol. 2008;29:477-84. doi: 10.1086/587810. PubMed PMID: 18510455.
20 Shree R, Park SY, Beigi RH, Dunn SL, Krans EE. Surgical Site Infection following Cesarean Delivery: Patient, Provider, and Procedure-Specific Risk Factors. Am J Perinatol. 2016;33:157-64. doi: 10.1055/s-0035-1563548. PubMed PMID: 26344010; PubMed Central PMCID: PMCPMC5064434.
21 Mohan S, Kaoutzanis C, Welch KB, Vandewarker JF, Winter S, Krapohl G, et al. Postoperative hyperglycemia and adverse outcomes in patients undergoing colorectal surgery: results from the Michigan surgical quality collaborative database. Int J Colorectal Dis. 2015;30:1515-23. doi: 10.1007/s00384-015-2322-7. PubMed PMID: 26198996.
22 Hollenbeak CS, Alfrey EJ, Souba WW. The effect of surgical site infections on outcomes and resource utilization after liver transplantation. Surgery. 2001;130:388-95. doi: 10.1067/msy.2001.116666. PubMed PMID: 11490376.
23 Algado-Selles N, Mira-Bernabeu J, Gras-Valenti P, Chico-Sanchez P, Jimenez-Sepulveda NJ, Fuster-Perez M, et al. Estimated Costs Associated with Surgical Site Infections in Patients Undergoing Cholecystectomy. Int J Environ Res Public Health. 2022;19. doi: 10.3390/ijerph19020764. PubMed PMID: 35055586; PubMed Central PMCID: PMCPMC8775602.
24 Sainz de la Cuesta R, Mohedano R, Sainz de la Cuesta S, Guzman B, Serrera A, Paulos S, et al. Intraoperative subcutaneous culture as a predictor of surgical site infection in open gynecological surgery. PLoS One. 2021;16:e0244551. doi: 10.1371/journal.pone.0244551. PubMed PMID: 33434238; PubMed Central PMCID: PMCPMC7802959.
25 Gomila A, Carratala J, Badia JM, Camprubi D, Piriz M, Shaw E, et al. Preoperative oral antibiotic prophylaxis reduces Pseudomonas aeruginosa surgical site infections after elective colorectal surgery: a multicenter prospective cohort study. BMC Infect Dis. 2018;18:507. doi: 10.1186/s12879-018-3413-1. PubMed PMID: 30290773; PubMed Central PMCID: PMCPMC6173907.
26 Gomila A, Carratala J, Camprubi D, Shaw E, Badia JM, Cruz A, et al. Risk factors and outcomes of organ-space surgical site infections after elective colon and rectal surgery. Antimicrob Resist Infect Control. 2017;6:40. doi: 10.1186/s13756-017-0198-8. PubMed PMID: 28439408; PubMed Central PMCID: PMCPMC5401556.
27 Jesus Hernandez-Navarrete M, Arribas-Llorente JL, Solano-Bernad VM, Misiego-Peral A, Rodriguez-Garcia J, Fernandez-Garcia JL, et al. Quality improvement program of nosocomial infection in colorectal cancer surgery. Med Clin (Barc). 2005;125:521-4. doi: 10.1157/13080450. PubMed PMID: 16266634.
28 Limon E, Shaw E, Badia JM, Piriz M, Escofet R, Gudiol F, et al. Post-discharge surgical site infections after uncomplicated elective colorectal surgery: impact and risk factors. The experience of the VINCat Program. J Hosp Infect. 2014;86:127-32. doi: 10.1016/j.jhin.2013.11.004. PubMed PMID: 24393830.
29 Paramo-Zunzunegui J, Alonso-Garcia M, Rodriguez-Villar D, Drewniak-Jakubowska J, Calvo-Espino P, Cuberes-Montserrat R, et al. Incidence of surgical infection and risk factors in colorectal surgery - A prospective cohort study. Cir Cir. 2021;89:156-62. doi: 10.24875/CIRU.20000205. PubMed PMID: 33784283.
30 Sanchez-Santana T, Del-Moral-Luque JA, Gil-Yonte P, Banuelos-Andrio L, Duran-Poveda M, Rodriguez-Caravaca G. Effect of compliance with an antibiotic prophylaxis protocol in surgical site infections in appendectomies. Prospective cohort study. Cir Cir. 2017;85:208-13. doi: 10.1016/j.circir.2016.09.004. PubMed PMID: 27743607.
31 Delgado-Miguel C, Munoz-Serrano AJ, Barrena Delfa S, Nunez Cerezo V, Velayos M, Estefania K, et al. Influence of overweight and obesity on acute appendicitis in children. A cohort study. Cir Pediatr. 2020;33:20-4. PubMed PMID: 32166919.
32 Olguin Joseau S, Bollati NP, Reimondez S, Signorini F, Rossini AM, Maldonado PS, et al. Risk factors for surgical site infection in colon surgery in our population. Rev Fac Cien Med Univ Nac Cordoba. 2018;75:229-33.

doi: 10.31053/1853.0605.v75.n4.19647. PubMed PMID: 30734700.
33 Pedroso-Fernandez Y, Aguirre-Jaime A, Ramos MJ, Hernandez M, Cuervo M, Bravo A, et al. Prediction of surgical site infection after colorectal surgery. Am J Infect Control. 2016;44:450-4. doi: 10.1016/j.ajic.2015.10.024. PubMed PMID: 27038393.
34 Ruiz-Tovar J, Oller I, Llavero C, Arroyo A, Munoz JL, Calero A, et al. Pre-operative and early post-operative factors associated with surgical site infection after laparoscopic sleeve gastrectomy. Surg Infect (Larchmt). 2013;14:369-73. doi: 10.1089/sur.2012.114. PubMed PMID: 23718274.
35 Wang Z, Chen J, Wang P, Jie Z, Jin W, Wang G, et al. Surgical Site Infection After Gastrointestinal Surgery in China: A Multicenter Prospective Study. J Surg Res. 2019;240:206-18. doi: 10.1016/j.jss.2019.03.017. PubMed PMID: 30986636.
36 Hou TY, Gan HQ, Zhou JF, Gong YJ, Li LY, Zhang XQ, et al. Incidence of and risk factors for surgical site infection after colorectal surgery: A multiple-center prospective study of 3,663 consecutive patients in China. Int J Infect Dis. 2020;96:676-81. doi: 10.1016/j.ijid.2020.05.124. PubMed PMID: 32505873.
37 Li Z, Li H, Lv P, Peng X, Wu C, Ren J, et al. Prospective multicenter study on the incidence of surgical site infection after emergency abdominal surgery in China. Sci Rep. 2021;11:7794. doi: 10.1038/s41598-021-87392-8. PubMed PMID: 33833359; PubMed Central PMCID: PMCPMC8032698.
38 Xiao Y, Shi G, Zhang J, Cao JG, Liu LJ, Chen TH, et al. Surgical site infection after laparoscopic and open appendectomy: a multicenter large consecutive cohort study. Surg Endosc. 2015;29:1384-93. doi: 10.1007/s00464-014-3809-y. PubMed PMID: 25303904.
39 He X, Li D, Sun T, Dai Q, Hu M, Zhu Z, et al. Risk factors for surgical site infection after cesarean delivery in a rural area in China: A case-controlled study. Ann Med Surg (Lond). 2021;72:103110. doi: 10.1016/j.amsu.2021.103110. PubMed PMID: 34876985; PubMed Central PMCID: PMCPMC8633558.
40 Liu S, Miao J, Wang G, Wang M, Wu X, Guo K, et al. Risk factors for postoperative surgical site infections in patients with Crohn's disease receiving definitive bowel resection. Sci Rep. 2017;7:9828. doi: 10.1038/s41598-017-10603-8. PubMed PMID: 28852175; PubMed Central PMCID: PMCPMC5575092.
41 Liu S, Wang M, Lu X, Feng M, Wang F, Zheng L, et al. Abdomen Depth and Rectus Abdominis Thickness Predict Surgical Site Infection in Patients Receiving Elective Radical Resections of Colon Cancer. Front Oncol. 2019;9:637. doi: 10.3389/fonc.2019.00637. PubMed PMID: 31380276; PubMed Central PMCID: PMCPMC6644599.
42 Gong SP, Guo HX, Zhou HZ, Chen L, Yu YH. Morbidity and risk factors for surgical site infection following cesarean section in Guangdong Province, China. J Obstet Gynaecol Res. 2012;38:509-15. doi: 10.1111/j.1447-0756.2011.01746.x. PubMed PMID: 22353388.
43 Utsumi M, Shimizu J, Miyamoto A, Umeshita K, Kobayashi T, Monden M, et al. Age as an independent risk factor for surgical site infections in a large gastrointestinal surgery cohort in Japan. J Hosp Infect. 2010;75:183-7. doi: 10.1016/j.jhin.2010.01.021. PubMed PMID: 20434799.
44 Araki T, Okita Y, Uchino M, Ikeuchi H, Sasaki I, Funayama Y, et al. Risk factors for surgical site infection in Japanese patients with ulcerative colitis: a multicenter prospective study. Surg Today. 2014;44:1072-8. doi: 10.1007/s00595-013-0809-9. PubMed PMID: 24337501.
45 Uchino M, Ikeuchi H, Matsuoka H, Bando T, Ichiki K, Nakajima K, et al. Risk factors for surgical site infection and association with infliximab administration during surgery for Crohn's disease. Dis Colon Rectum. 2013;56:1156-65. doi: 10.1097/DCR.0b013e31829f682c. PubMed PMID: 24022533.
46 Uchino M, Ikeuchi H, Tsuchida T, Nakajima K, Tomita N, Takesue Y. Surgical site infection following surgery for inflammatory bowel disease in patients with clean-contaminated wounds. World J Surg. 2009;33:1042-8. doi: 10.1007/s00268-009-9934-4. PubMed PMID: 19198930.
47 Fukuda H. Patient-related risk factors for surgical site infection following eight types of gastrointestinal surgery. J Hosp Infect. 2016;93:347-54. doi: 10.1016/j.jhin.2016.04.005. PubMed PMID: 27209057.
48 Funamizu N, Omura K, Ozaki T, Honda M, Mishima K, Igarashi K, et al. Geriatric nutritional risk index serves as risk factor of surgical site infection after pancreatoduodenectomy: a validation cohort Ageo study. Gland Surg. 2020;9:1982-8. doi: 10.21037/gs-20-451. PubMed PMID: 33447548; PubMed Central PMCID: PMCPMC7804530.
49 Shimizu K, Hirose M, Mikami S, Takamura K, Goi T, Yamaguchi A, et al. Effect of

anaesthesia maintained with sevoflurane and propofol on surgical site infection after elective open gastrointestinal surgery. J Hosp Infect. 2010;74:129-36. doi: 10.1016/j.jhin.2009.10.011. PubMed PMID: 20061057.
50 Bellusse GC, Ribeiro JC, de Freitas ICM, Galvao CM. Effect of perioperative hyperglycemia on surgical site infection in abdominal surgery: A prospective cohort study. Am J Infect Control. 2020;48:781-5. doi: 10.1016/j.ajic.2019.11.009. PubMed PMID: 31836208.
51 de Oliveira AC, Ciosak SI, Ferraz EM, Grinbaum RS. Surgical site infection in patients submitted to digestive surgery: risk prediction and the NNIS risk index. Am J Infect Control. 2006;34:201-7. doi: 10.1016/j.ajic.2005.12.011. PubMed PMID: 16679177.
52 Bicudo-Salomao A, Salomao RF, Cuerva MP, Martins MS, Dock-Nascimento DB, Aguilar-Nascimento JE. Factors Related to the Reduction of the Risk of Complications in Colorectal Surgery within Perioperative Care Recommended by the Acerto Protocol. Arq Bras Cir Dig. 2019;32:e1477. doi: 10.1590/0102-672020190001e1477. PubMed PMID: 31859930; PubMed Central PMCID: PMCPMC6918738.
53 Biscione FM, Couto RC, Pedrosa TM, Neto MC. Factors influencing the risk of surgical site infection following diagnostic exploration of the abdominal cavity. J Infect. 2007;55:317-23. doi: 10.1016/j.jinf.2007.06.006. PubMed PMID: 17688950.
54 Oliveira RA, Mancero JMP, Faria DF, Poveda VB. A Retrospective Cohort Study of Risk Factors for Surgical Site Infection Following Liver Transplantation. Prog Transplant. 2019;29:144-9. doi: 10.1177/1526924819835831. PubMed PMID: 30845900.
55 Fusco Sde F, Massarico NM, Alves MV, Fortaleza CM, Pavan EC, Palhares Vde C, et al. Surgical site infection and its risk factors in colon surgeries. Rev Esc Enferm USP. 2016;50:43-9. doi: 10.1590/S0080-623420160000100006. PubMed PMID: 27007419.
56 Oliveira AC, Martins MA, Martinho GH, Clemente WT, Lacerda RA. [Comparative study of surgical wound infection diagnosed in-hospital and post discharge]. Rev Saude Publica. 2002;36:717-22. doi: 10.1590/s0034-89102002000700009. PubMed PMID: 12488938.
57 Jeong SJ, Ann HW, Kim JK, Choi H, Kim CO, Han SH, et al. Incidence and risk factors for surgical site infection after gastric surgery: a multicenter prospective cohort study. Infect Chemother. 2013;45:422-30. doi: 10.3947/ic.2013.45.4.422. PubMed PMID: 24475356; PubMed Central PMCID: PMCPMC3902821.
58 Kim ES, Kim HB, Song KH, Kim YK, Kim HH, Jin HY, et al. Prospective nationwide surveillance of surgical site infections after gastric surgery and risk factor analysis in the Korean Nosocomial Infections Surveillance System (KONIS). Infect Control Hosp Epidemiol. 2012;33:572-80. doi: 10.1086/665728. PubMed PMID: 22561712.
59 Kim JH, Kim J, Lee WJ, Seong H, Choi H, Ahn JY, et al. The incidence and risk factors for surgical site infection in older adults after gastric cancer surgery: A STROBE-compliant retrospective study. Medicine (Baltimore). 2019;98:e16739. doi: 10.1097/MD.0000000000016739. PubMed PMID: 31393386; PubMed Central PMCID: PMCPMC6708829.
60 Jeong SJ, Kim CO, Han SH, Choi JY, Kim MJ, Choi YH, et al. Risk factors for surgical site infection after gastric surgery: a multicentre case-control study. Scand J Infect Dis. 2012;44:419-26. doi: 10.3109/00365548.2011.652159. PubMed PMID: 22385095.
61 Taylor G, Herrick T, Mah M. Wound infections after hysterectomy: opportunities for practice improvement. Am J Infect Control. 1998;26:254-7. doi: 10.1016/s0196-6553(98)80009-6. PubMed PMID: 9638288.
62 Abdi H, Elzayat E, Cagiannos I, Lavallee LT, Cnossen S, Flaman AS, et al. Female radical cystectomy patients have a higher risk of surgical site infections. Urol Oncol. 2018;36:400. doi: 10.1016/j.urolonc.2018.05.023. PubMed PMID: 30064934.
63 Griffiths J, Demianczuk N, Cordoviz M, Joffe AM. Surgical site infection following elective Caesarian section: a case-control study of postdischarge surveillance. J Obstet Gynaecol Can. 2005;27:340-4. doi: 10.1016/s1701-2163(16)30460-1. PubMed PMID: 15937607.
64 Skarsgard ED, Bedford J, Chan T, Whyte S, Afshar K. ACS national surgical quality improvement program: targeting quality improvement in Canadian pediatric surgery. J Pediatr Surg. 2014;49:682-7. doi: 10.1016/j.jpedsurg.2014.02.047. PubMed PMID: 24851748.
65 Thelwall S, Harrington P, Sheridan E, Lamagni T. Impact of obesity on the risk of wound infection following surgery: results from a nationwide prospective multicentre cohort study in England. Clin Microbiol Infect. 2015;21:1008. doi: 10.1016/j.

cmi.2015.07.003. PubMed PMID: 26197212.
66 Wloch C, Wilson J, Lamagni T, Harrington P, Charlett A, Sheridan E. Risk factors for surgical site infection following caesarean section in England: results from a multicentre cohort study. BJOG. 2012;119:1324-33. doi: 10.1111/j.1471-0528.2012.03452.x. PubMed PMID: 22857605.
67 Tanner J, Khan D, Aplin C, Ball J, Thomas M, Bankart J. Post-discharge surveillance to identify colorectal surgical site infection rates and related costs. J Hosp Infect. 2009;72:243-50. doi: 10.1016/j.jhin.2009.03.021. PubMed PMID: 19446918.
68 Kleeff J, Erkan M, Jager C, Menacher M, Gebhardt F, Hartel M. Umbilical Microflora, Antiseptic Skin Preparation, and Surgical Site Infection in Abdominal Surgery. Surg Infect (Larchmt). 2015;16:450-4. doi: 10.1089/sur.2014.163. PubMed PMID: 26114397.
69 Kong B, Bruns P, Raulefs S, Rieder S, Paul L, Prazeresda Costa O, et al. Metabolism gene signatures and surgical site infections in abdominal surgery. Int J Surg. 2015;14:67-74. doi: 10.1016/j.ijsu.2015.01.009. PubMed PMID: 25599917.
70 Aghdassi SJS, Schroder C, Gastmeier P. Urgency of surgery as an indicator for the occurrence of surgical site infections: data from over 100,000 surgical procedures. J Hosp Infect. 2021;110:1-6. doi: 10.1016/j.jhin.2020.12.017. PubMed PMID: 33422591.
71 GlobalSurg C. Surgical site infection after gastrointestinal surgery in high-income, middle-income, and low-income countries: a prospective, international, multicentre cohort study. Lancet Infect Dis. 2018;18:516-25. doi: 10.1016/S1473-3099(18)30101-4. PubMed PMID: 29452941; PubMed Central PMCID: PMCPMC5910057.
72 GlobalSurg C. Laparoscopy in management of appendicitis in high-, middle-, and low-income countries: a multicenter, prospective, cohort study. Surg Endosc. 2018;32:3450-66. doi: 10.1007/s00464-018-6064-9. PubMed PMID: 29623470; PubMed Central PMCID: PMCPMC6061087.
73 Rodriguez-Caravaca G, Gil-Yonte P, Del-Moral-Luque JA, Lucas WC, Fernandez-Cebrian JM, Duran-Poveda M. Rates of Surgical Site Infection in Cholecystectomy: Comparison between a University Teaching Hospital, Madrid Region, Spain, and USA Rates. Rev Invest Clin. 2017;69:336-43. doi: 10.24875/RIC.17002197. PubMed PMID: 29265113.
74 Dubinsky-Pertzov B, Temkin E, Harbarth S, Fankhauser-Rodriguez C, Carevic B, Radovanovic I, et al. Carriage of Extended-spectrum Beta-lactamase-producing Enterobacteriaceae and the Risk of Surgical Site Infection After Colorectal Surgery: A Prospective Cohort Study. Clin Infect Dis. 2019;68:1699-704. doi: 10.1093/cid/ciy768. PubMed PMID: 30204851.
75 Collaborative ST. Multicentre prospective cohort study of body mass index and postoperative complications following gastrointestinal surgery. Br J Surg. 2016;103:1157-72. doi: 10.1002/bjs.10203. PubMed PMID: 27321766; PubMed Central PMCID: PMCPMC4973675.
76 Di Gennaro F, Marotta C, Pisani L, Veronese N, Pisani V, Lippolis V, et al. Maternal caesarean section infection (MACSI) in Sierra Leone: a case-control study. Epidemiol Infect. 2020;148:e40. doi: 10.1017/S0950268820000370. PubMed PMID: 32102721; PubMed Central PMCID: PMCPMC7058652.
77 Lakoh S, Yi L, Sevalie S, Guo X, Adekanmbi O, Smalle IO, et al. Incidence and risk factors of surgical site infections and related antibiotic resistance in Freetown, Sierra Leone: a prospective cohort study. Antimicrob Resist Infect Control. 2022;11:39. doi: 10.1186/s13756-022-01078-y. PubMed PMID: 35189952; PubMed Central PMCID: PMCPMC8862228.
78 Aga E, Keinan-Boker L, Eithan A, Mais T, Rabinovich A, Nassar F. Surgical site infections after abdominal surgery: incidence and risk factors. A prospective cohort study. Infect Dis (Lond). 2015;47:761-7. doi: 10.3109/23744235.2015.1055587. PubMed PMID: 26114986.
79 Hoffman T, Shitrit P, Chowers M. Risk factors for surgical site infections following open versus laparoscopic colectomies: a cohort study. BMC Surg. 2021;21:376. doi: 10.1186/s12893-021-01379-w. PubMed PMID: 34696743; PubMed Central PMCID: PMCPMC8543409.
80 Mpogoro FJ, Mshana SE, Mirambo MM, Kidenya BR, Gumodoka B, Imirzalioglu C. Incidence and predictors of surgical site infections following caesarean sections at Bugando Medical Centre, Mwanza, Tanzania. Antimicrob Resist Infect Control. 2014;3:25. doi: 10.1186/2047-2994-3-25. PubMed PMID: 25126415; PubMed Central PMCID: PMCPMC4131772.
81 Nguhuni B, De Nardo P, Gentilotti E, Chaula Z, Damian C, Mencarini P, et al. Reliability and validity of using telephone calls for post-discharge surveillance of surgical

site infection following caesarean section at a tertiary hospital in Tanzania. Antimicrob Resist Infect Control. 2017;6:43. doi: 10.1186/s13756-017-0205-0. PubMed PMID: 28503302; PubMed Central PMCID: PMCPMC5422869.

82 Kvalvik SA, Rasmussen S, Thornhill HF, Baghestan E. Risk factors for surgical site infection following cesarean delivery: A hospital-based case-control study. Acta Obstet Gynecol Scand. 2021;100:2167-75. doi: 10.1111/aogs.14235. PubMed PMID: 34309849.

83 Opoien HK, Valbo A, Grinde-Andersen A, Walberg M. Post-cesarean surgical site infections according to CDC standards: rates and risk factors. A prospective cohort study. Acta Obstet Gynecol Scand. 2007;86:1097-102. doi: 10.1080/00016340701515225. PubMed PMID: 17712651.

84 Hrenczuk M, Biedrzycka A, Lagiewska B, Kosieradzki M, Malkowski P. Surgical Site Infections in Liver Transplant Patients: A Single-Center Experience. Transplant Proc. 2020;52:2497-502. doi: 10.1016/j.transproceed.2020.02.093. PubMed PMID: 32362463.

85 Mik M, Berut M, Trzcinski R, Dziki L, Buczynski J, Dziki A. Preoperative oral antibiotics reduce infections after colorectal cancer surgery. Langenbecks Arch Surg. 2016;401:1153-62. doi: 10.1007/s00423-016-1513-1. PubMed PMID: 27650707; PubMed Central PMCID: PMCPMC5143355.

86 Ketema DB, Wagnew F, Assemie MA, Ferede A, Alamneh AA, Leshargie CT, et al. Incidence and predictors of surgical site infection following cesarean section in North-west Ethiopia: a prospective cohort study. BMC Infect Dis. 2020;20:902. doi: 10.1186/s12879-020-05640-0. PubMed PMID: 33256630; PubMed Central PMCID: PMCPMC7708170.

87 Lijaemiro H, Berhe Lemlem S, Tesfaye Deressa J. Incidence of Surgical Site Infection and Factors Associated among Cesarean Deliveries in Selected Government Hospitals in Addis Ababa, Ethiopia, 2019. Obstet Gynecol Int. 2020;2020:9714640. doi: 10.1155/2020/9714640. PubMed PMID: 32148511; PubMed Central PMCID: PMCPMC7057000.

88 Kasatpibal N, Norgaard M, Sorensen HT, Schonheyder HC, Jamulitrat S, Chongsuvivatwong V. Risk of surgical site infection and efficacy of antibiotic prophylaxis: a cohort study of appendectomy patients in Thailand. BMC Infect Dis. 2006;6:111. doi: 10.1186/1471-2334-6-111. PubMed PMID: 16836755; PubMed Central PMCID: PMCPMC1553447.

89 Bogdanic B, Bosnjak Z, Budimir A, Augustin G, Milosevic M, Plecko V, et al. Surveillance of surgical site infection after cholecystectomy using the hospital in Europe link for infection control through surveillance protocol. Surg Infect (Larchmt). 2013;14:283-7. doi: 10.1089/sur.2012.096. PubMed PMID: 23590850.

90 Tran TS, Jamulitrat S, Chongsuvivatwong V, Geater A. Risk factors for postcesarean surgical site infection. Obstet Gynecol. 2000;95:367-71. doi: 10.1016/s0029-7844(99)00540-2. PubMed PMID: 10711546.

91 Tang R, Chen HH, Wang YL, Changchien CR, Chen JS, Hsu KC, et al. Risk factors for surgical site infection after elective resection of the colon and rectum: a single-center prospective study of 2,809 consecutive patients. Ann Surg. 2001;234:181-9. doi: 10.1097/00000658-200108000-00007. PubMed PMID: 11505063; PubMed Central PMCID: PMCPMC1422004.

92 Golzarri MF, Silva-Sanchez J, Cornejo-Juarez P, Barrios-Camacho H, Chora-Hernandez LD, Velazquez-Acosta C, et al. Colonization by fecal extended-spectrum beta-lactamase-producing Enterobacteriaceae and surgical site infections in patients with cancer undergoing gastrointestinal and gynecologic surgery. Am J Infect Control. 2019;47:916-21. doi: 10.1016/j.ajic.2019.01.020. PubMed PMID: 30850249.

93 Gomaa K, Abdelraheim AR, El Gelany S, Khalifa EM, Yousef AM, Hassan H. Incidence, risk factors and management of post cesarean section surgical site infection (SSI) in a tertiary hospital in Egypt: a five year retrospective study. BMC Pregnancy Childbirth. 2021;21:634. doi: 10.1186/s12884-021-04054-3. PubMed PMID: 34537018; PubMed Central PMCID: PMCPMC8449867.

94 Swart O, Esterhuizen TM, Voss M. The role of treatment delays in surgical site infection after appendicectomy in a South African rural regional hospital. S Afr Med J. 2021;111:271-5. doi: 10.7196/SAMJ.2021.v111i3.15231. PubMed PMID: 33944751.

95 Regmi A, Ojha N, Singh M, Ghimire A, Kharel N. Risk Factors Associated with Surgical Site Infection following Cesarean Section in Tertiary Care Hospital, Nepal. Int J Reprod Med. 2022;2022:4442453. doi: 10.1155/2022/4442453. PubMed PMID: 35615602; PubMed Central PMCID: PMCPMC9126726.

96 Hubner M, Diana M, Zanetti G, Eisenring MC, Demartines N, Troillet N. Surgical site infections in colon surgery: the patient, the procedure, the hospital, and the surgeon. Arch Surg. 2011;146:1240-5. doi: 10.1001/archsurg.2011.176. PubMed PMID: 21768407.
97 Geubbels EL, Grobbee DE, Vandenbroucke-Grauls CM, Wille JC, de Boer AS. Improved risk adjustment for comparison of surgical site infection rates. Infect Control Hosp Epidemiol. 2006;27:1330-9. doi: 10.1086/509841. PubMed PMID: 17152031.
98 Zonta S, De Martino M, Podetta M, Vigano J, Dominioni T, Picheo R, et al. Influence of Surgical Technique, Performance Status, and Peritonitis Exposure on Surgical Site Infection in Acute Complicated Diverticulitis: A Matched Case-Control Study. Surg Infect (Larchmt). 2015;16:626-35. doi: 10.1089/sur.2014.231. PubMed PMID: 26114216.
99 Saeed KB, Corcoran P, O'Riordan M, Greene RA. Risk factors for surgical site infection after cesarean delivery: A case-control study. Am J Infect Control. 2019;47:164-9. doi: 10.1016/j.ajic.2018.07.023. PubMed PMID: 30253904.
100 Kondakasseril NR, Hiran N, Andrews AM. Surgical site infection following lower segment caesarean section in a tertiary care hospital. Journal of Evolution of Medical and Dental Sciences. 2016;5:1306-10. doi: 10.14260/jemds/2016/305.
101 Crombe T, Bot J, Messager M, Roger V, Mariette C, Piessen G. Malignancy is a risk factor for postoperative infectious complications after elective colorectal resection. Int J Colorectal Dis. 2016;31:885-94. doi: 10.1007/s00384-016-2521-x. PubMed PMID: 26838016.
102 Bediako-Bowan AAA, Molbak K, Kurtzhals JAL, Owusu E, Debrah S, Newman MJ. Risk factors for surgical site infections in abdominal surgeries in Ghana: emphasis on the impact of operating rooms door openings. Epidemiol Infect. 2020;148:e147. doi: 10.1017/S0950268820001454. PubMed PMID: 32605670; PubMed Central PMCID: PMCPMC7398855.
103 Alkaaki A, Al-Radi OO, Khoja A, Alnawawi A, Alnawawi A, Maghrabi A, et al. Surgical site infection following abdominal surgery: a prospective cohort study. Can J Surg. 2019;62:111-7. doi: 10.1503/cjs.004818. PubMed PMID: 30907567; PubMed Central PMCID: PMCPMC6440888.
104 Assawapalanggool S, Kasatpibal N, Sirichotiyakul S, Arora R, Suntornlimsiri W. Risk factors for cesarean surgical site infections at a Thai-Myanmar border hospital. Am J Infect Control. 2016;44:990-5. doi: 10.1016/j.ajic.2016.01.031. PubMed PMID: 26975715.
105 Zejnullahu VA, Isjanovska R, Sejfija Z, Zejnullahu VA. Surgical site infections after cesarean sections at the University Clinical Center of Kosovo: rates, microbiological profile and risk factors. BMC Infect Dis. 2019;19:752. doi: 10.1186/s12879-019-4383-7. PubMed PMID: 31455246; PubMed Central PMCID: PMCPMC6712729.
106 Bislenghi G, Vanhaverbeke A, Fieuws S, de Buck van Overstraeten A, D'Hoore A, Schuermans A, et al. Risk factors for surgical site infection after colorectal resection: a prospective single centre study. An analysis on 287 consecutive elective and urgent procedures within an institutional quality improvement project. Acta Chir Belg. 2021;121:86-93. doi: 10.1080/00015458.2019.1675969. PubMed PMID: 31577178.
107 Aktas A, Kayaalp C, Gunes O, Gokler C, Uylas U, Cicek E, et al. Surgical site infection and risk factors following right lobe living donor liver transplantation in adults: A single-center prospective cohort study. Transpl Infect Dis. 2019;21:e13176. doi: 10.1111/tid.13176. PubMed PMID: 31539456.
108 Haile ZT. Critical Appraisal Tools and Reporting Guidelines. J Hum Lact. 2022;38:21-7. doi: 10.1177/08903344211058374. PubMed PMID: 34791933.