

CORRECTION

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Correction to: Contributing factors to severe complications after liver resection: an aggregate root cause analysis in 105 consecutive patients

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Correction to: Patient Saf Surg 14, 36 (2020)
<https://doi.org/10.1186/s13037-020-00261-7>

Following publication of the original article [1], the author would like to make the below two corrections:

- Change Table 3 (with shaded color).
- Change the below author names:

- Mohammed Anass **Majbar**
- Laila **Amrani**
- Abdelilah **Ghannam**

The original article has been updated as well.

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Published online: 12 November 2020

Reference

1. Houssaini K, Lahnaoui O, Souadka A, et al. Contributing factors to severe complications after liver resection: an aggregate root cause analysis in 105 consecutive patients. *Patient Saf Surg*. 2020;14:36 <https://doi.org/10.1186/s13037-020-00261-7>.

The original article can be found online at <https://doi.org/10.1186/s13037-020-00261-7>.

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Table 3 Combinations of triggered contributory factors across the 15 single cases

ALARM categories			Triggered contributory factors															
Category description	Subcategory description	Factors	Case 1	Case 2	Case 3*	Case 4	Case 5	Case 6	Case 7	Case 8*	Case 9	Case 10	Case 11*	Case 12	Case 13	Case 14*	Case 15*	
I. PATIENT FACTORS	1.1 Medical history	Q1																
		Q2																
	1.2 Health status	Q3																
		Q4																
		Q5																
	1.3 Medications	Q6																
		Q7																
		Q8																
	1.4 Personality, social and familial factors	Q9																
Q10																		
Q11																		
II. TASK FACTORS	2.1 Protocols availability and use	Q12																
		Q13																
	2.2 Test results availability and accuracy	Q14																
		Q15																
2.3 Tasks design and clarity	Q16																	
	Q17																	
	Q18																	
2.4 Planning and scheduling	Q19																	
	Q20																	
III. INDIVIDUAL (STAFF) FACTORS	3.1 Competence, technical and non-technical skills	Q21																
		Q22																
IV. TEAM FACTORS	3.2 Physical and mental health	Q23																
		Q24																
	4.1 Communication with staff	Q25																
		Q26																
	4.2 Communication with patient and family	Q27																
		Q28																
	4.3 Patient's record	Q29																
Q30																		
Q31																		
V. WORK ENVIRONMENT FACTORS	4.4 Crucial information sharing	Q32																
		Q33																
	4.5 Supervision	Q34																
		Q35																
	4.6 Support	Q36																
		Q37																
	Q38																	
5.1 Physical environment maintenance and hygiene	Q39																	
	Q40																	
	Q41																	
	Q42																	
5.2 Patient transfer	Q43																	
	Q44																	
	Q45																	
5.3 Supplies and equipment design, availability and maintenance	Q46																	
	Q47																	
	Q48																	
5.4 Computerized Information system	Q49																	
	Q50																	
	Q51																	
5.5 Staffing levels and skills mix	Q52																	
	Q53																	
	Q54																	
5.6 Workload	Q55																	
	Q56																	
	Q57																	
5.7 Procedures timing	Q58																	
	Q59																	
VI. MANAGEMENT AND INSTITUTIONAL CONTEXT FACTORS	6.1 Organizational structure	Q60																
		Q61																
	6.2 Human resources	Q62																
		Q63																
	6.3 Policy, standards and goals	Q64																
		Q65																
	6.4 Subcontracting management	Q66																
		Q67																
6.5 Purchasing policy	Q68																	
	Q69																	
6.6 Adverse event declaration and prevention	Q70																	
	Q71																	
6.7 Financial resources	Q72																	
	Q73																	
6.8. Wider health service environment	Q74																	
	Q75																	
Triggered contributory factor , N (%)			16 (32%)	11(22%)	20(40%)	8(16%)	8(16%)	12(24%)	8(16%)	8(16%)	8(18%)	6(12%)	17(34%)	10(20%)	4(8%)	15(30%)	11(22%)	
Non applicable, N			2	1	5	1	1	2	0	1	1	1	1	0	0	0	0	
			Case 1	Case 2	Case 3*	Case 4	Case 5	Case 6	Case 7	Case 8*	Case 9	Case 10	Case 11*	Case 12	Case 13	Case 14*	Case 15*	

* Deaths