



**SDI Review Form 1.6**

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_56901
Title of the Manuscript:	COMMON SOURCES OF PRE-SURGICAL, PERIOPERATIVE AND POST SURGICAL SITE INFECTIONS (SSIS) IN SMALL ANIMALS OBSERVED DURING CLINICAL STUDENTS' WETLAB PRACTICAL
Type of the Article	

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Compulsory</b> REVISION comments</p>	<p>Ms_AJRAVS_56901: Asian Journal of Research in Animal and Veterinary Sciences Title : COMMON SOURCES OF PRE-SURGICAL, PERIOPERATIVE AND POST SURGICAL SITE INFECTIONS (SSIS) IN SMALL ANIMALS OBSERVED DURING CLINICAL STUDENTS' WETLAB PRACTICAL</p> <p>To authors,</p> <ol style="list-style-type: none"> <li>Title should be changed: " COMMON SOURCES OF PRE-, PERI- AND POST-SURGICAL SITE INFECTIONS IN dogs DURING CLINICAL STUDENTS' surgical PRACTICE"</li> <li>I completely modified the abstract. Please check that I did not change the meaning. If you like this, please use the expression also in the text. You need not use just the expression per se. ABSTRACT  Surgical site infections (SSIs) are important complication of Veterinary surgery. Pre, intra-, and post-surgical procedures are considered to be associated with SSIs. We here attempted to characterize veterinary SSI in dog-surgery experiments. 15 dogs were grouped into 5 groups (with each group consisting of 3 dogs), in which skin-defect correction, caudectomy, cystotomy, orchidectomy, or ovariectomy were performed by veterinary students under the guidance of qualified surgeons. Blood samples were obtained pre- and post-surgery. 125 swabs were taken from the following sites; students' or surgeons' hands (pre-/post-scrubbing), surgical tables, dog skin, random areas on surgical packs, kennels, and floors of surgical theatre. The microorganisms isolated were as follows; Staphylococcus aureus, Klebsiella spp, Micrococcus luteus, Enterobacter spp, and Bacillus subtilis, with Klebsiella being the highest. Leukocytosis, neutrophilia, monocytosis, increased bands, leukocytopenia, neutropenia, and lymphopenia were observed, with all being signs of infection. This study showed that the sources of SSIs were numerous, including the followings; the dogs' skin microflora, the students' hands, surgical theater, surgical team, and the kennel. Proper scrubbing techniques should be adopted and maintained. The sterile field created should be kept and proper disinfection of the kennel should be ensured before returning the dogs after surgery.</li> <li>You described "differently" in the text. Please be consistent. Change expression appropriately. "A total of 125 swab samples and 100 blood samples were collected from each dog", "A total of one hundred and twenty-five swab samples were collected from the five dogs".</li> </ol> <p>To editors, Major revision is needed.</p>	
<p><b>Minor</b> REVISION comments</p>		
<p><b>Optional/General</b> comments</p>		



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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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