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| Book Name: | [**Medical Science: Recent Advances and Applications**](https://bookstore.bookpi.org/product/medical-science-recent-advances-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5411** |
| Title of the Manuscript:  | **What Lies Beneath: Radiographic Diagnosis of Abdominal Emergencies in Animals** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** |  |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **The phrase "What Lies Beneath" is metaphorical, which may not immediately signal academic content — some journals may prefer a more straightforward scientific tone.****It doesn’t mention radiology or diagnostic imaging explicitly, which could affect keyword visibility in databases.****“Animals” is broad — if the focus is mainly on small animals (dogs/cats), it would help to be specific.** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. |  **Suggested Revised Abstract:****Abdominal emergencies in veterinary medicine pose significant diagnostic challenges, requiring rapid identification and intervention to prevent life-threatening outcomes such as peritonitis, septic shock, and multi-organ dysfunction. Abdominal radiography remains a vital first-line diagnostic tool in these situations due to its accessibility and speed. This review provides a comprehensive overview of the role of plain and contrast radiography in diagnosing acute abdominal conditions in small animals. Common emergency presentations—including gastric dilatation-volvulus, intussusception, hernias, ileus, peritonitis, urinary bladder rupture, and hepatobiliary or reproductive tract disorders—are discussed in detail.****The importance of proper radiographic technique, patient positioning, and projection selection is emphasized, along with interpretation of key signs such as gas patterns, organ displacement, and fluid accumulation. The utility of contrast agents in enhancing gastrointestinal imaging and improving diagnostic specificity is also examined.****While radiography offers crucial diagnostic insights, its limitations—particularly in detecting subtle soft tissue lesions—necessitate integration with clinical examination, laboratory findings, ultrasonography, or CT. This review aims to support veterinary clinicians in making informed, rapid decisions using radiography as part of a multimodal diagnostic strategy for managing acute abdominal conditions.** |  |
| **Is the manuscript scientifically, correct? Please write here.**  | The manuscript presents a valuable and in-depth review of radiographic approaches in diagnosing abdominal emergencies in veterinary patients. It is well-referenced, structured logically, and rich in clinical examples. However, the manuscript would benefit from shortening the abstract, reducing redundancy in the body, and improving clarity and consistency in language. Minor stylistic improvements, better integration of clinical implications, and refined figure/table presentation are also recommended. Subject to these revisions, the article has the potential to make a strong contribution to the field of veterinary radiology. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **no** |  |
| Is the language/English quality of the article suitable for scholarly communications? | yes |  |
| Optional/General comments |  |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Shree Ram Karir, Post Graduate Institute Of Veterinary Education And Research, India**