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| Book Name: | [**Medical Science: Trends and Innovations**](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4842** |
| Title of the Manuscript: | **DOUBLE SIDED MODIFIED TOGGLE PIN TECHNIQUE FOR THE REPAIR OF COXOFEMORAL LUXATION IN A DYSPLATIC GOLDEN****RETRIEVER WITH HANDMADE TOGGLE PINS** |
| 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 minimumof 3-4 sentences may be required for this part.** | This chapter focuses on a case study of a single case. For a broader perspective or to diversify the analysis, it would be interesting to address multiple similar cases. This would better illustrate the effectiveness of the technique.This manuscript describes the use of a modified double toggle pin technique for the repair of coxofemoral luxation in a dysplastic dog. The technique provides rapid recovery with good limb usage post-surgery, demonstrating its effectiveness despite the limited number of cases. The technique is simple, cost-effective, and offers a viable alternative to more complex and expensive methods. It thus provides a practical solution for veterinarians, especially in resource-limited settings. |  |

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| **Is the title of the article suitable?****(If not please suggest an alternative title)** | The title **"Handmade Double-Sided Toggle Pin Technique for Repairing Coxofemoral Luxation in a Dysplastic Golden Retriever"** is more concise and clearer than the original one. It effectively captures the essence of the technique used while being easier to read. |  |

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| **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.** | The abstract provides a comprehensive summary of the case, including the dog's history, clinical findings, surgical procedure, post-operative care, and the final outcome. However, there are a few areas where improvements or additional details could enhance clarity and completenessABSTRACTA two-year-old male, 27.5 kg Golden Retriever was presented to the Department of Veterinary Surgery and Radiology at Veterinary College Hassan after being caught in a neck chain, resulting in limping of the left hindlimb. On physical examination, shortening of the left hindlimb was noted along with swelling and pain on palpation of the left hip joint. Orthopaedic and radiographic exams confirmed cranio-dorsal coxofemoral luxation in the left hindlimb, accompanied by bilateral hip dysplasia. Under general anaesthesia, the coxofemoral luxation was corrected via a cranio-dorsal approach using handmade toggle pins (1.5 mm K-wire) and nylon thread (1 mm diameter). Post- operative radiographs confirmed proper alignment and anatomical configuration of the coxofemoral joint with toggle pins securely in position. Post-operatively, a pelvic bandage and Robert Jones bandage were applied to the operated left hindlimb. The dog was treated with Cefpodoxime proxetil (10 mg/kg), Tramadol (2 mg/kg), and Deep TBR tablets for five days, along with FlexiRun tablets and restricted activity with short leash walks. The dog began using the affected limb on the second post- operative day, showing slight lameness initially, but was walking without lameness by the 45th post-operative day. The animal recovered uneventfully with good weight- bearing capability. In conclusion, the double-sided modified toggle pin technique using handmade toggle pins proved to be an economical and practical method for repairing coxofemoral luxation, offering good clinical outcomes with rapid recovery. KEYWORDS: Dog coxofemoral luxation, Dysplasia, Handmade, Hip, Toggle pin |  |

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| **Is the manuscript scientifically, correct? Please write here.** | **Yes** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | The references provided are comprehensive and relevant, covering various techniques for treating coxofemoral luxation in dogs and cats, as well as including veterinary theses. However, incorporating more recent studies from the last 5 years would enhance the alignment with current trends and advancements in veterinary surgery. |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | The language and English quality of the article are generally clear and suitable for scholarly communication |  |
| **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?** |  |  |

**Reviewer details:**

**BOUDRA Abdellatif, Algeria**