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REVIEWER'S REPORT

Manuscript No.: IJAR-59613

Title: WOUND HEALING EFFICACY OF METHANOLIC EXTRACT OF ABHAL (*JUNIPERUS COMMUNIS*)- A TOPICAL EXPERIMENTAL STUDY

Recommendation:

Accept as it is .....

Accept after minor revision...

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality	Excellent			
Clarity	Excellent			
Significance	Excellent			

Reviewer's ID: Dr.Sumathi

Detailed Reviewer's Report

1. **The term Kramer test most commonly refers to the Tukey-Kramer test in statistics, though it can also refer to the Kramer visual assessment in medicine or a famous pop-culture moment from *Seinfeld***
2. **Wound contraction percentage is a standard clinical and experimental metric used to evaluate how quickly and effectively an open wound is healing. It measures the proportional reduction of the original wound area over time as specialized cells pull the wound edges inward toward the center.**
3. **Epithelialization—the process by which new skin cells (keratinocytes) migrate and multiply to resurface a wound—typically begins within hours of an injury and takes anywhere from 48 hours to 3 weeks to complete, depending on the type and depth of the wound.**
4. **Epithelialization typically takes anywhere from 24 hours to over 21 days to fully cover a wound surface and re-establish the protective**

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skin barrier. Because this timeline is highly dynamic, the exact duration depends strictly on the depth, width, and type of the injury.

5. **Wound healing efficacy is clinically defined by total (100%) wound closure, which serves as the gold standard primary endpoint for verifying the medical benefit of therapeutic agents. While complete closure is preferred by regulatory bodies like the FDA, clinical evaluations also track structural healing trajectories, fractional decreases in wound surface area, and the restoration of the cutaneous skin barrier.**
6. **Methanolic plant extracts accelerate wound healing by stimulating cell proliferation, enhancing tissue remodeling, and utilizing bioactive secondary metabolites that exhibit strong antioxidant and antimicrobial properties. Methanol is highly effective at dissolving and recovering crucial plant phytoconstituents—such as flavonoids, tannins, phenols, saponins, and terpenoids—making it a preferred solvent in ethnopharmacological research.**
7. **Methanolic plant extracts show significant wound-healing efficacy in experimental animal models (such as rats and mice), accelerating wound contraction, fibroblast proliferation, re-epithelialization, and collagen deposition.**
8. **Topical experimental studies demonstrate that methanolic plant extracts significantly accelerate wound healing by promoting rapid wound contraction, shorting epithelialization time, and enhancing tissue regeneration. These extracts are typically formulated into topical ointments or gels (often at 5% to 10% concentrations) and evaluated using animal models (such as Wistar rats or mice) across excision, incision, and burn wound paradigms.**
9. **Epithelialization typically takes anywhere from 24 hours to 3 weeks, depending heavily on the depth, type, and size of the wound. It is the process during the proliferative phase of wound healing where new skin cells (keratinocytes) multiply and migrate across the wound bed to recreate a protective barrier.**
10. **Key words can be added more words.**
11. **Result part is very impressive with tables and graphs.**
12. **Summary points only can be added.**
13. **Methodology part is good to understand.**
14. **References should be with alphabetical order.**

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15. After those small changes good to publish in your journal.