

Resource Summary Report

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Platelet-rich plasma application in experimentally-induced skin wounds in animals: protocol for a systematic review and meta-analysis

DOI:10.17504/protocols.io.mnrc5d6

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Proper Citation

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Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.mnrc5d6>

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Summary: Objective To determine whether the topical application of platelet-rich plasma (PRP) promotes healing in experimentally-induced full-thickness skin wounds in animals, a systematic review and meta-analysis will be performed. Methods Web of Science, Cochrane Library, PubMed, Research Gate, Cochrane Wounds Group, and Veterinary Information Network will be searched to identify randomised and not randomised controlled clinical trials comparing PRP with placebo or with other treatments in animals. Primary outcome: reduction of open wound area; secondary outcomes: healing time and number of healed cases. Effect sizes: Hedges' g; odds ratio. This protocol was used in the following publication: <https://doi.org/10.1371/journal.pone.0191093> Tambella AM, Attili AR, Dupré G, Cantalamessa A, Martin S, Cuteri V, Marcazzan S, Del Fabbro M (2018) Platelet-rich plasma to treat experimentally-induced skin wounds in animals: A systematic review and meta-analysis. PLoS ONE 13(1): e0191093. doi: 10.1371/journal.pone.0191093

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