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Evaluation of Antipyretic, Analgesic and Anti-inflammatory Effects of Nimesulide Injection

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***SUMMARY*. The aim of the present study was to evaluate the antipyretic, analgesic, and anti-inflammatory effects of nimesulide injection, which were studied on peptone-induced fever pathologic model of New Zealand white rabbits; acetic-acid induced writhing on mice and egg white-induced paw edema on rats. Animal experimental results showed that the nimesulide injection had obvious effects of antipyretic, analgesic, and anti-inflammatory, that were as much effective as isometric metamizole sodium injection. Moreover, there was no significant statistical difference between isometric metamizole sodium injection and nimesulide injection ($P > 0.05$). In conclusion, nimesulide injection exhibited remarkable antipyretic, analgesic, and anti-inflammatory effects.**

KEY WORDS: Analgesic, Anti-inflammatory, Antipyretic, Injection, Nimesulide.

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