

Warfarin versus Aspirin in The Prevention of Recurrent Stroke in patients of Al-Muthanna province\Iraq

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ABSTRACT

Background and Purpose: Despite chronic used of antiplatelet like aspirin in secondary prevention of ischemic stroke ,there is a lot of cases with recurrence .For this reason , this study investigates use of anticoagulation ,warfarin, instead of Aspirin in secondary prevention and to show if warfarin is superior or equal to Aspirin in prevention of recurrent stroke in noncardioembolic ischemic stroke.

Methods: it is double-blind, randomized , clinical trials study that compare between two groups patients ,each group number(50) with first time noncardioembolic ischemic stroke, one group on warfarin with adjusted dose as INR between (1.8-2.8) and other groups on Aspirin with dose adjusted (100mg) and follow them if there is recurrence or not within one year.

Results: there is significant difference between two groups, that show group on warfarin is associated with less percentage of recurrence than patients with Aspirin with significant P-value(0.001)

Conclusion: this comparative and randomized study over one year show a mark difference between used warfarin and Aspirin in secondary prevention of recurrence as warfarin was superior than Aspirin mainly in noncardioembolic stroke. We need more clinical research to support this result in secondary prevention.

Keywords: Warfarin therapy, Recurrent stroke, Antiplatelet therapy and Noncardioembolic stroke.

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