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## The ABCs of feline arterial thromboembolism and two cases with two different clinical presentations

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Arterial thromboembolism (ATE) in cats is mostly a complication of concurrent myocardial disease and frequently results with euthanasia. From distal level of thrombus arterial circulation breaks down because of obstruction and vasoconstriction of the collateral blood supply. Blood stasis in left atrium and endothelial dysfunction activates platelets and results as formation of thrombus. Even new antithrombotic drugs are developed for humans there is no developmental study from pharmaceutical companies for feline species. In this case report 2 cats suffering from ATE was observed until the day of death. Clinical examination, ultrasonography, electrocardiography and echocardiography were performed. For anticoagulant therapy, heparin was administered to one of the patients and enoxaparin sodium (low-molecular weight heparins) was administered to the other. Similar and different clinical results between the two cases were evaluated. This presentation provides both a comprehensive review and updated treatment recommendations for arterial thromboembolism in cats.

### Biography

Osman Safa Terzi has completed his Licence Program at the age of 23 years from Kirikkale University. He is working as Research Assistant in Ankara University.

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