Kounis syndrome: From diagnosis to treatment- A real challenge

Kounis syndrome is the coexistence of acute coronary syndromes with hypersensitivity reactions. There are many etiologies that have been reported including drugs, medical conditions, environmental exposure and stent implantation. There are 3 types of Kounis syndrome. Type 1 Kounis syndrome is the one seen in patients with normal coronary arteries. Type 2 is seen in patients with pre-existing atheromatous disease. Type 3 is stent trombosis due to hypersensitivity reactions to the components of the stent. The exact mechanism of this syndrome is not clearly identified. There are some possible mechanisms. The most accepted mechanism is mast cell degranulation after the allergic insult. Chemical mediators released from mast cells are thought to induce coronary artery spasm or to promote platelet aggregation. Some interesting samples of Kounis syndrome, a brief summary of our case report, the diagnosis, etiology and pathophysiology of the disease, the treatment options (including the hint points related to the treatment) and the future perspective for the disease will be discussed.

Biography

Umit Yuksek is a Cardiologist (MD) at Odemis State Hospital, Izmir, Turkey. He graduated from Hacettepe University Medical Faculty in 2003. He became a cardiology specialist from Izmir Ataturk Education and Research Hospital in 2010. Between 2010 and 2014, he studied at Kastamonu State Hospital Cardiology Clinic. He is currently Director of Cardiology Clinic at Odemis State Hospital, Izmir, Turkey. His studies mainly focus on coronary artery disease and heart failure. He is a member of Turkish Society of Cardiology, Cardiovascular Academy and European Society of Cardiology Heart Failure Association.

uyuksek@yahoo.com

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