

Soft indication turns strong in specific situation

Tamer Zaalouk¹, zouheir Bitar¹, and Osama Maadarani¹

¹Ahmadi Hospital

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Abstract

Patient in sinus rhythm with dilated cardiomyopathy and low ejection fraction < 35% have a 4% risk of embolic event (1). This is a soft indication for therapeutic anti-coagulation(controversial) (2). Presence of excess Intra-cardiac Smoke-like Echoes increase risk of embolic event and switch the soft indication to strong one

Soft indication turns strong in specific situation

Tamer Mohamed Zaalouk*, Zouheir Ibrahim Bitar, Ossama Sajeh Maadarani.

Critical Care Unit, Ahmadi Hospital, Kuwait Oil Company P.O.Box 46468 , Postal code 64015 Fahaheel

Corresponding author.Email: tzaalouk@hkockw.com or forevertn@hotmail.com

KEY CLINICAL MESSAGE

Patient in sinus rhythm with dilated cardiomyopathy and low ejection fraction < 35% have a 4% risk of embolic event (1). This is a soft indication to start therapeutic anti-coagulation (controversial) (2). Presence of excess Intra-cardiac Smoke-like Echoes increase risk of embolic event and switch the soft indication to strong one.

Case presentation

A 48-year-old Asian male with history of ischemic cardiomyopathy with low Ejection fraction (EF 15%). Received thrombolysis 2 months ago due to Right middle cerebral artery stroke. Presented with low cardiac output state require vasopressors support. patient was receiving anti-platelet medication (aspirin) but no anticoagulation. On repeating ECHO, there is excess intra-cardiac smoke-like Echoes fig (1-2). In the context of old stroke and excess intra-cardiac Smoke -like Echoes the Soft indication for therapeutic anticoagulation turned to Strong indication.

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CONFLICT OF INTEREST

Not declared.

AUTHOR CONTRIBUTIONS

Tamer Zaalouk and Osama Maadarani collected the information, drafted the manuscript and Zohier Bitar revised and approve the final manuscript.

CONSENT

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