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Connected aircraft squadron electrocardiographic Sign (Yasser's sign); an index for tachypnea in specific T-wave abnormalities- a new diagnostic, therapeutic, and prognostic sign; retrospective-observational study

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Background: Tachypnea is a well-known clinical symptom. Specific electrocardiographic T-wave changes during tachypnea are crucial points in the decision. The new sign is a constellation of the T-waves changes in special leads. There are three types were prescribed. The types been classified either base on an interaction between lead I and II, or aVL and aVR or V1 and V2. Hyperventilation syndrome, left bundle branch block, left ventricular strain, and Wolff-Parkinson-White syndrome was common inducers.

Method of study and patients: My case study was an observational retrospective 24-case report series. The study was conducted in both Fraskour Central Hospital (Intensive Care Unit) and Physician Outpatient Clinic. The author reported the 24-cases thorough nearly 4 years, started from December 24, 2015, and, ended on November 30, 2019.

Results: The Mean age was: 63 years, with female sex predominance (62.5%). Hypertension with left bundle branch block (37.5%), hypertension with ischemic heart disease (12.5%), hyperventilation syndrome (8.33%), Wolff-Parkinson-White syndrome with hyperventilation syndrome (8.33%), cerebrovascular accident (8.33%), and right bundle branch block (8.33%) are the most common risk factors. The average respiratory rate (bpm): (Range 20-55, Mean 31.625, Median 30, and Mode 26). An either third (33.33%) or fourth degree (25%) represent the complete sign: if it includes. Type I was the commonest (75%). Variable course outcome was reported; progressive (29.17%), regressive (25%), intermittent (8.33%), and fixed (37.5%).

Conclusions: Connected aircraft squadron electrocardiographic sign is a new strong index for monitoring and follows up the tachypneic patients with specific T- waves changes in special leads in several cardiorespiratory patients.

Biography

Yasser Mohammed Hassanain Elsayed is a researcher, reviewer, critical care physician, and cardiologist in the Egyptian Ministry of Health. He has (86) publicized articles as a single author and (4) medical books since December 2017. He has reviewed (47) articles since November 2020. He is a Keynote Speaker in many international cardiovascular conferences. The most famous article for the researcher; 1. Graded Phenomenon (Yasser's Phenomenon). 2. Wavy Triple an Electrocardiographic Sign (Yasser's Sign). 3. Connected Aircraft Squadron Electrocardiographic Sign (Yasser's sign). 4. Electrocardiographic Passing Phenomenon (Flying Phenomenon or Yasser's Phenomenon). 5. Movable-weaning off an electrocardiographic phenomenon (changeable phenomenon or Yasser's phenomenon). 6. Yasser's COVID-19 Discrepancy phenomenon He is also an editorial member in several medical journals e.g. Anaesthesia & Surgery Open Access Journal, Journal of Clinical & Community Medicine, Annals of mental health and addiction sciences, Research and Reviews on Healthcare Open Access Journal, International Journal of Clinical Case Reports and Reviews, International Journal of Clinical and Medical Case Reports, Journal of MAR Cardiology, Research International Journal of Anesthesiology, etc.