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Heart Failure in Chronic pneumoniae: A Case report

Abstract:

Patient of age 20 years old visited medicine OPD complaining of dyspnoea and dysphagia, diaphoresis with sign of tachypnea (21 breathe per minute) and tachycardia of 150 bpm with systolic and diastolic blood pressure 90/60 respectively, he had history of 12 years pneumonia repeated treatment with recent diagnosis of tuberculosis, treated by medication before 6 months, his weight was 25 kg at the moment of visit, in his previous visit to different clinician, suspected to have cancer due to his reduced weight indication, due to dyspnoea symptoms, medication prescribed which he undergone for 15 days were salmeterol, ipratropium, emsolone, fluticasone during this course of medication his shortness of breathe exacerbated along with difficulty in swallowing. Symptomatic status is tachycardia (heart beat of 150), dyspnoea, dysphagia and more focussed symptom was critical reduction in weight 25 kg in 10 years of time, hence he was referred to Cardiology department for further examination expecting that there must be involvement of cardiac problem if not we will rule out it. On visit to cardiology department, Echo test was said to perform, not performed till his this age of 20 years.

Investigation He underwent transthoracic echocardiography that revealed an EF of 36% with severe global left ventricular (LV) hypokinesia. His echo impression revealed Global LV hypokinesia. On the basis of echo test result he was prescribed spironolactone, metoprolol, and one antibiotic to prevent from infection improve and strengthens the muscle of heart so that his prognosis of symptoms be amended in assumption to remodel the cardiac system and to enhance easier life survivality.

Conclusion: This is clear undiagnosed case of long term pneumonia treated Global left ventricular hypokinesia, under transthoracic investigation demonstrated LV hypokinesia.

Biography

Niraj Khatri Sapkota has completed his PhD in Molecular Physiology applications to Cardiovascular Pharmacology at the age of 32 years from Zhejiang University, China, World top 70th academically ranked University in 2019, as well one of the Thomson Reuters and Elsevier best ranked university of the world, he is now working as an Associate Professor in the Department of Physiology in Chitwan Medical College affiliated to Tribhuvan University, Nepal. He is the Hypertension and Heart Failure physio-pathophysiologist and Fatty liver disease book writer that has been published in 8 languages in Europe such as French, German, Portuguese etc. He is expert in his field of research and academician of his country, Nepal. He has published more than 50 papers both original, review papers as a single author or with collaboration in reputed international journals and is serving as a reviewer, advisory Editorial Board member and Editor of more than 15 international reputed journals that are indexed in popular database such as Medline/ PubMed, Scopus/EMBASE (ELSEVIER) and has done review of more than 100 international research and scientific paper submitted by the researcher in the journal from the world many countries such as USA, Egypt, Malasiya, Korea, India, China, Italy, UK, Australia, Saudi Arabia etc. Therefore, he is always updated with innovative idea and discovery of new findings in his expertise field. Moreover, he is effective and efficient online tutor and has 2 years experience of teaching online to international students from USA (Texas tech. University), Australia, Romania, Saudi Arabia etc in his expertise subjects Physiology and Pharmacology solving problem on research oriented case study. He is also an organizing committee member of international conference in cardiovascular research and clinical cardiology Valencia, Spain 2020, and presented his paper in international conference in London, UK in 2017 and has even published clinical case report in PubMed indexed Journal along with, is a writer of the review book, is also in Author Aid.