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Recent Advances in Eisenmenger Syndrome: A Comprehensive Review

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ABSTRACT:

Eisenmenger's syndrome is chronic unrepaired heart related disease present at birth in which there is irregular blood flow in heart and lungs. It can be life threatening as it can cause the blood vessels to become stiff and narrow which results in increase in blood pressure in lung arteries which can be acknowledged as Pulmonary arterial hypertension. As it is chronic slow progressive hypoxia is seen along with central cyanosis.

In adults the complications of multisystemic disorders as such as renal dysfunction, bleeding disorders, heart failure, poor quality of life and premature death. Treatment and therapies are limited to symptomatic options or transplantation of heart and lungs combinedly. For pulmonary arterial hypertension treatment new pulmonary vasodilators are available and proven to be helpful this treatment has been expected to show prompt and good effect in Eisenmenger's patient too.

For such patients a specialized center is required which ensures interdisciplinary management strategies for congenital heart disease & PAH should be warranted. Through the medical updates the recent diagnostic and therapeutic options for such patients are focusing on epidemiology clinical aspect and specific diagnostic option.

KEYWORD:

Pulmonary arterial hypertension (PAH), cyanosis, transplant, surgeries, congenital heart disease, Bosentan

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