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Review Article **Published Date:-2020-05-02**

[Our experience with single patch repair of complete atrioventricular septal defects](#)

Various surgical methods have been utilized in the management of complete atrioventricular septal defects (CAVSD). Early intervention and achievement of a competent left atrioventricular valve are the key factors for successful treatment.

A total of 66 patients with complete atrioventricular septal defect have been operated in a tertiary care center. Patient group consisted of 28 males and 38 females with an average age of 6.2 ± 3.3 months. Ventricular and atrial defects were repaired generally with single-patch technique using autogenous pericardium.

Research Article **Published Date:-2020-05-19**

[Prognosis of peripartum cardiomyopathy in sub-Saharan Africa \(Burkina Faso South-West PPCM register\)](#)

Peripartum cardiomyopathy is one of the curable cardiomyopathy. It's a severe and frequent disease arising among women of childbearing age. Its evolution in the long-term among some patients leads to chronic heart failure. Our study aims to determine from a prospective cohort, the factors associated with the non-recovery of myocardial function upon 12 months of diagnosis. Sociodemographic, clinical and echocardiographic data were collected at the time of diagnosis and then in months 3, 6 and 12. The outcome was the non-recovery of myocardial function at one year, defined by a left ventricular ejection fraction (LVEF) below 50%. 60 patients were analyzed after 12 months of follow-up.

Research Article **Published Date:-2020-06-09**

[Assessment of cardiovascular and renal functions during treatment with *Desmodium adscendens* therapy](#)

Desmodium adscendens is a rain forest medicinal herb used in managing quite a number of medical conditions. Its efficacy in the treatment of several diseases has made it a first line herb for doctors, especially in managing all forms of spasm. It is however common knowledge that some of these medicinal herbs impact severely on the normal functioning of some vital organs of the body during their administration. The present study was carried out to assess the renal and cardiovascular performance in subjects undergoing treatment with *Desmodium adscendens* with a view to advising against its indiscriminate use.

Research Article **Published Date:-2020-06-15**

[Long-term results for post-interventional systemic heparinization following angioplasty of peripheral vessels](#)

The long-term outcome of percutaneous transluminal angioplasties is mainly determined by restenoses, either by progression of the underlying disease or by intimal hyperplasia. Pharmacological substances on the one hand and the implantation of stents on the other have been developed with the intention of preventing precisely this complication. While patients are treated after PTA of peripheral vessels with different low-molecular-weight heparins, the indication for stent implantation is determined individually rather by experience.

Review Article **Published Date:-2020-06-16**

[Fibrinolytic therapy with tPA failed because it was based on a flawed concept](#)

Fibrinolytic therapy has become synonymous with tissue plasminogen activator (tPA) based on the belief that tPA alone was responsible for natural fibrinolysis. Although this assumption was belied from the outset by disappointing clinical results, it persisted, eventually causing fibrinolysis to be discredited and replaced by an endovascular procedure. Since time to reperfusion is the critical determinant of outcome, which in acute myocardial infarction (AMI) means within two hours, a time-con

Research Article **Published Date:-2020-06-18**

[Femoral venous closure: A single-centre retrospective analysis in real world all comers with MynxGrip® vascular closure device](#)

Vascular closure devices (VCD) are routinely used to achieve haemostasis following percutaneous arterial procedures. The extravascular polyethylene-glycol based MynxGrip® device (Cardinal Health) received FDA approval for use in the closure of femoral veins, but so far limited data is available on its use, especially with concomitant use of anticoagulants.

Review Article **Published Date:-2020-07-16**

[The mechanisms of cardiac myopathies, a kinetics approach: Leading review](#)

The normal adult heart is a well maintained machine that has a mechanism for growth replacement of the sarcomere that is lost by natural degeneration. This process ensures the heart has the strength of contraction to function correctly giving blood supply to the whole body. Some of the force of contraction of the sarcomere is transmitted to its major protein titin where its strength results in unfolding of a flexible section and release of a growth stimulant.

Research Article **Published Date:-2020-08-31**

[Incidence and outcome of no flow after primary percutaneous coronary intervention in acute myocardial infarction](#)

Primary percutaneous coronary intervention (PCI) of the infarct-related artery (IRA) is the most effective treatment modality in ST-segment elevation myocardial infarction (STEMI). Incidence of no flow is 8.8% - 10% in primary PCI of STEMI patients. Our aim was to study actual incidence and outcome of no flow patients.

Five hundred and eighty primary PCI patients were enrolled and evaluated from 2016 January to 2017 December.
