

All You Want To Know About  
**Covid Vaccine &  
Heart Diseases !**



**ASHA HEART CLINIC**

**आशा हार्ट क्लिनिक**

**Dr. Atul Patil**

( Interventional Cardiologist )

Covid 19 pandemic started in January 2020,  
and it has spread all over the world.

By now we know that the death rate is high in patients with comorbidity like hypertension, diabetes, and heart disease. The covid vaccine has brought a new Ray of hope for all of us for controlling this pandemic. But there is a lot of speculation about who should take these vaccines, whether they are safe for heart patients, whether we should continue the medicine for diabetes, blood pressure and heart  
Especially blood thinner medicines.



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In all clinical trials it has been shown that vaccines are safe for blood pressure, diabetes as well as all types of heart patients including those who have undergone angioplasty, Bypass surgery, valve replacement surgeries, reduced heart pumping capacity, and even heart transplant surgery.



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Very often patients are worried about blood thinner medicine which they are taking for their heart problems. There are two types of blood thinners that heart patients are usually taking, first one is called Antiplatelet. Medicines like aspirin, clopidogrel, prasugrel, ticagrelor are usually given after angioplasty and bypass surgery. The second type is Oral Anticoagulation ( like Warfarin, acitrom ) which is usually given in patients with valve replacement surgery, blood clots in the heart or lungs.

Patients who are taking antiplatelet medicines can take Vaccine immediately and should not stop these medicines before or after vaccination. A patient taking oral anticoagulation should do a blood test called PT-INR (which is to know how much blood is thin) And consult a doctor. If PT -INR is less than 3 they can safely take the vaccine. If it is more than 3 you should consult the doctor and adjust the dose of the medicine and then take the medicine. You should give firm pressure at the injection site for 3 to 5 minutes after vaccination.



So all Heart patients should take the covid-19 vaccine without any fear as they are the group of people who Will get the maximum benefit from the vaccine as covid complications could be fatal in them. Patients should not stop their medicines for diabetes mellitus, blood pressure, or even blood thinners.

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For More Clarification

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