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The Precautions of Anticoagulant Therapy

I. Purpose

Non-vitamin K antagonist oral anticoagulant (DOACs) is a new direct oral anticoagulants(NOACs) that use to prevent thrombus in pulmonary embolism, thromboembolism of deep vein and the ischemic stroke cause by non-valvular atrial fibrillation.

Direct oral anticoagulants(NOACs)

Apixaban/(Eliquis)		Dabigatran/(Pradaxa)		
Red 5mg	Yellow 2.5 mg	White 75mg	Blue 110mg	Light blue 150mg
894	(a ³ .) (2/2)		(R110	R150
Tablet 894,5	Tablet 893,2 1/2	Capsule R75	Capsule R110	Capsule R150

Edoxaban/((Lixiana)	Rivaroxaban/(Xarelto)	
Red 30mg	Yellow 60mg	Light red 10mg	Brown 15mg
	050		
Tablet	Tablet	Tablet	Tablet
DSC,L30	DSC,L60	BAYER 10	BAYER 15

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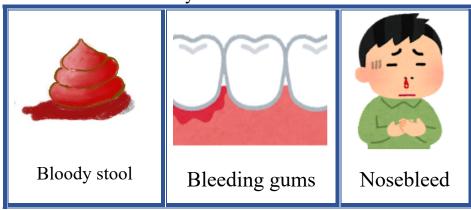
All information above has been reviewed by Cardiology specialists
Edited and published by the Department of Nursing,
Taichung Veterans General Hospital

II. Prevent notifications about daily medicine taking

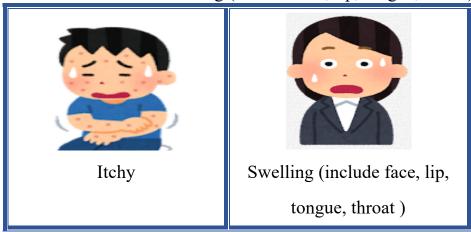
i. If you forget to take the medicine, you should take the medication once you recall it. If you forgot to take the medicines (Dabigatran, Apixaban), you can take the medication dose once you missed in six hours. Beside the medicine (Rivaroxaban, Edoxaban) can take in twelve hours. You should never take double of the prescription dose in the same day in order to make up for the missed dose .Do not adjust or stop taking medicine by yourself.

DRUG	TIME
Dabigatran	
Apixaban	The dose missing in six hours
Rivaroxaban	
Edoxaban	The dose missing in twelve hours

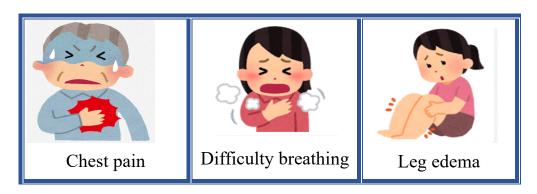
- ii. If any of the following symptoms occurs, please discontinue anticoagulant use and come back to the hospital immediately. Doctors will adjust the dose of medicine on the basis of your symptoms and examination result. Please obey doctors' instructions to take medicine.
 - · Nosebleed.
 - · Blood in urine (Pink, red, or even bloody urine).
 - · Tarry stool.
 - · Vomiting with bloody vomitus.
 - · Coughing up of blood.
 - · Heavy menstrual bleeding.
 - · Serious bruises on your skin.



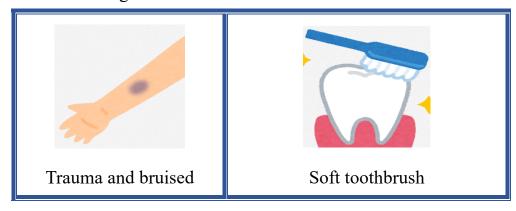
Allergy
 General reaction: skin itchy, rash, hive.
 Local reaction: swelling (include face, lip, tongue, throat).



· Others: difficulty breathing, chest pain, leg edema, hepatic disease, ischemic or hemorrhagic stroke.



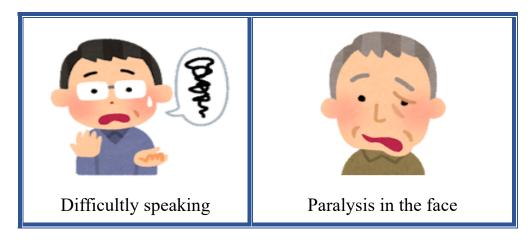
iii. Avoid those activities might cause trauma, injury, wound, and hemorrhage. For example, contusion, heavy massage, or cutting too hastily. You should choose soft toothbrush in avoidance of gingiva injury. Men should use electric shavers instead of razors for shaving.



- iv. If you are injured and start to bleed, please direct pressure on your wound for 10-15 minutes to stop bleeding.
- v. Before invasive treatment such as tooth extractions or surgeries, please informed your doctor in purpose to reduce the risk of bleeding (pause medicine and ask when to take it again).

DRUG	The days to be temporarily	
	discontinued before procedure	
Rivaroxaban	One to two days	
Apixaban		
Edoxaban		
Dabigatran	One to four days	

- vi. For patients with renal dysfunction, doctors will adjust the dosage based on your kidney function data.
- vii. If you have the symptoms of cerebrovascular accident, such as difficulty walking, lose balance and coordination, difficultly speaking, paralysis in the face or serious bleeding, you need to back to the hospital immediately and accept the medical treatment.



III. Conclusion

This brochure listed simple and common questions and answers about anti-coagulants. If you have any questions about the anticoagulant you take, include the dosage, appearance, and necessary information you can consult your nurse, pharmacists or doctors. They could provide you more detailed instructions.

IV. Reference

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Let's take a test to confirm that you have a thorough understanding

1.	Avoid those activities might cause trauma, injury, wound, and		
	hemorrhage. For example, contusion, heavy massage, or cutting to		
	hastily.		
	○YES ○NO ○Not sure		
2.	If you have the symptoms of cerebrovascular accident, such as		
	difficulty walking, lose balance and coordination, difficultly		
	speaking, paralysis in the face or serious bleeding, you need to back		
	to the hospital immediately and accept the medical treatment		
	○YES ○NO ○Not sure		
3.	Skin itchy, rash, hive are not general allergy reaction.		
	○YES ○NO ○Not sure		
4.	Before invasive treatment such as tooth extractions or surgeries,		
	please informed your doctor in purpose to reduce the risk of bleeding		
	OYES ONO ONot sure		
5.	Do not adjust or stop taking medicine by yourself.		
	○YES ○NO ○Not sure		