

Prevention of cardiovascular adverse events by clopidogrel in coronary intervention

Curative effect analysis

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Abstract: investigate the clinical effect of clopidogrel in the prevention of cardiovascular adverse events in interventional therapy of coronary heart disease . method Select my house 2015 year 9 Month ~2017 year 8 Monthly treatment of coronary heart disease in patients with a total of Example as the object of this study , According to the patient's visit time divide it equally into control groups and observation groups , each group each patients , control group patients underwent routine cardiology treatment , "" , Observation Group to take Clopidogrel and a "" Forest , for preventive treatment , The patient's cardiovascular indicators should be tracked , Understanding Clinical effects . Results Significant differences in coagulation observation results ($P <$

0.05 , take medicine 6H Post-observation group B 2 The level is significantly lower than the control group , Postoperative 6 the incidence of cardiovascular adverse events in the month observation group is lower than the control Group , difference significant ($P < 0.05$), statistically significant . Conclusion The use of Clopidogrel does not adversely affect the treatment of patients with coronary heart disease. , do not cause condensation Blood dysfunction , for improving platelet aggregation Important effects of,, lowering postoperative cardiovascular events, etc. , has clinical extension value .

Keywords: Clopidogrel ; Bad Cardiovascular ; coronary heart disease ; Interventional Therapy

Current cases of coronary heart disease in our country are continuously increased by , Therapeutic effects and an The total is subject to people's attention . . for coronary heart disease treatment , Multiple media Enter therapy [1]. Interventional therapy can cause cardiovascular events . , disadvantage Postoperative recovery of patients ,Extension of recovery period will increase patients psychologically 's uneasy . clopidogrel is a ADP receptor blocker % can have To avoid the occurrence of a thrombotic problem . simultaneous , clopidogrel to antiplatelet drug , to avoid platelet aggregation problems . This research nonporous report as next :

1. Data and methods

1.1 General Information

will 2015 Year 9 Month ~2017 Year 8 Month in our Department of Cardiology patients with coronary heart disease as this study object , based on patient's the duration of the consultation is divided evenly into the control group and the observation group , Each group of example . investigated for average age (59.5 ± 19.5) old , duration is 3~19 Year , patients with acute myocardial infarction have 5 Example , unstable Core pain patients have 4 example , Stable angina patients 3 Example , old myocardial infarction dead patients 3 example ; Watch group male 9 Example , female 6 Example , Age (58.5 ± 17.5) year old , Duration 4~21 Year , old myocardial infarction 4 Example ,Nasty ami patients 5

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Example , unstable angina patients 4 Example , stabilize qualitative angina patients 2 Example . inclusion criteria : first , Admission to time of onset less than 1 d; Second , Follow the ST elevated myocardium infarct Diagnosis and

Treatment guide and ACC/ AHA unstable heart colic and non- ST Diagnosis and treatment of end-elevation myocardial infarction refer to

The relevant standards of the South admission of acute coronary syndrome by .

1.2 Method

control group patients are required to take the before undergoing interventional surgery mg aspirin for and mg Clopidogrel for treatment , after surgery Daily Take 1sub-aspirin and clopidogrel , doses are MG ,all mg . Observation Group patients need to be taken before interventional treatment mg aspirin for and mg clopidogrel for ,after surgery take daily use mg aspirin for and mg clopidogrel for Gray [3]. Observation Group continuous treatment 7d After the need to reduce clopidogrel take the dose , Adjust to \$ mg. The duration of treatment for two groups of patients is 6 months .

1.3 Observation Indicator

to observe the coagulation function of two groups of patients after Operation , Cardiovascular the occurrence of bad events , and before and after the drugs 6 H , H , Hfor thrombotic element B2 Horizontal comparison Analysis .

1.4 Statistical Methods

The data in this study are obtained by SPSS 19.0 Package to Check , measurement data with representation , line t check ; count Data use case number (') represents ,Line validation . If data between groups $P < 0.05$ Represents the difference significant , Statistically significant [4].

2. Results

2.1 Comparison of coagulation function in two groups of patients after Operation

tracking changes in the blood coagulation function in patients , parsed to find

Introduction to authors : Liu Liangming , 1985 Annual , Han , Guizhou Duyun , Undergraduate , attending Physicians , is mainly engaged in the clinical work of Cardiology .

Observation Group patients with better clinical indicators ($P < 0.05$) , has a statistical meaning semantics , detail data like table 1 is shown in .

2.2 thrombus element B 2 Compare before and after the drug level

The Observation Group was found to be a thrombotic element B 2 metrics are better , between groups difference significant ($P < 0.05$), statistically significant , Detailed research nonporous data

such as table 2 shows .

2.3 Comparison of cardiovascular adverse events after surgery

The incidence of the observed group of patients after statistical treatment for the control group ($P < 0.05$), Significant differences between groups , statistically significant ,details in table 3 shows .

3. Discussion

coronary heart disease is the patient's coronary position appears a atherosclerotic hard ,, causing a more severe blockage in the patient's coronary arteries ask title . Major clinical manifestations of myocardial ischemia , anoxic etc , If the patient is sick The critical situation can cause shock or even sudden death . ' for coronary heart disease cure , Current interventional Therapy . The so-called interventional therapy refers to A small incision on the blood vessels of the crown. , opening one channel ,Intervene in the patient's lumen, such as the vascular cavity cure . This

treatment leaves less wound in surgery , Anesthesia van Surround also smaller , So you can effectively reduce patient pain , treatment security is also higher ^ . But patients receive treatment , easy to bleed suppository , Open blood vessels may have occlusion problems , for patients The late recovery and physical health of are very unfavourable .. so , to avoid operation Post-adverse cardiovascular events , must pass the intervention methodtreatment .

This nonporous results show : for two groups of patients after taking medication B 2 by observation All changed , But the Observer Group is lower. ($P < 0.05$) ; The incidence of cardiovascular adverse events in the observation group is also significant lower than control group ($P < 0.05$) , significant difference , has statistical meaning Semantic . from this study nonporous the , clopidogrel use not to coronary heart disease Patient treatment has adverse effects , no clotting dysfunction , same As, can also reduce the incidence of postoperative adverse events , for this , patients take Clopidogrel treatment can effectively prevent cardiovascular adverse events , for clinical promotion .

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