

**Retavase PROTOCOL / r-PA PROTOCOL
Thrombolytic Protocol**

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Thrombolytic Protocol**

r-PA PROTOCOL

REACTIVASE (r-PA, RETAVASE) MEDICAL DIRECTION ORDER ONLY

ACTIONS

Is a tissue plasminogen activator enzyme produced by recombinant DNA technology. It has ability to convert plasminogen to plasmin. This process initiates local fibrinolysis. It is 80% cleared from the body after 10 minutes.

INDICATIONS

- a. Used in the management of Acute Myocardial Infarction for lysis (dissolving) of thrombi (clots) obstructing coronary arteries.
- b. Used for lysis of massive pulmonary emboli (clots in the lungs).

CONTRAINDICATIONS

- a. Active internal bleeding.
- b. History of CVA.
- c. Recent (within two months) intracranial or intraspinal surgery or trauma.
- d. Intracranial neoplasm, arteriovenous malformation, or aneurysm.
- e. Known bleeding diathesis (condition).
- f. Severe uncontrolled hypertension.

SIDE EFFECTS

- a. Various dysrhythmias which may occur as the clot is dissolved within the coronary artery. Treatment with prophylactic Lidocaine is indicated.

DOSE

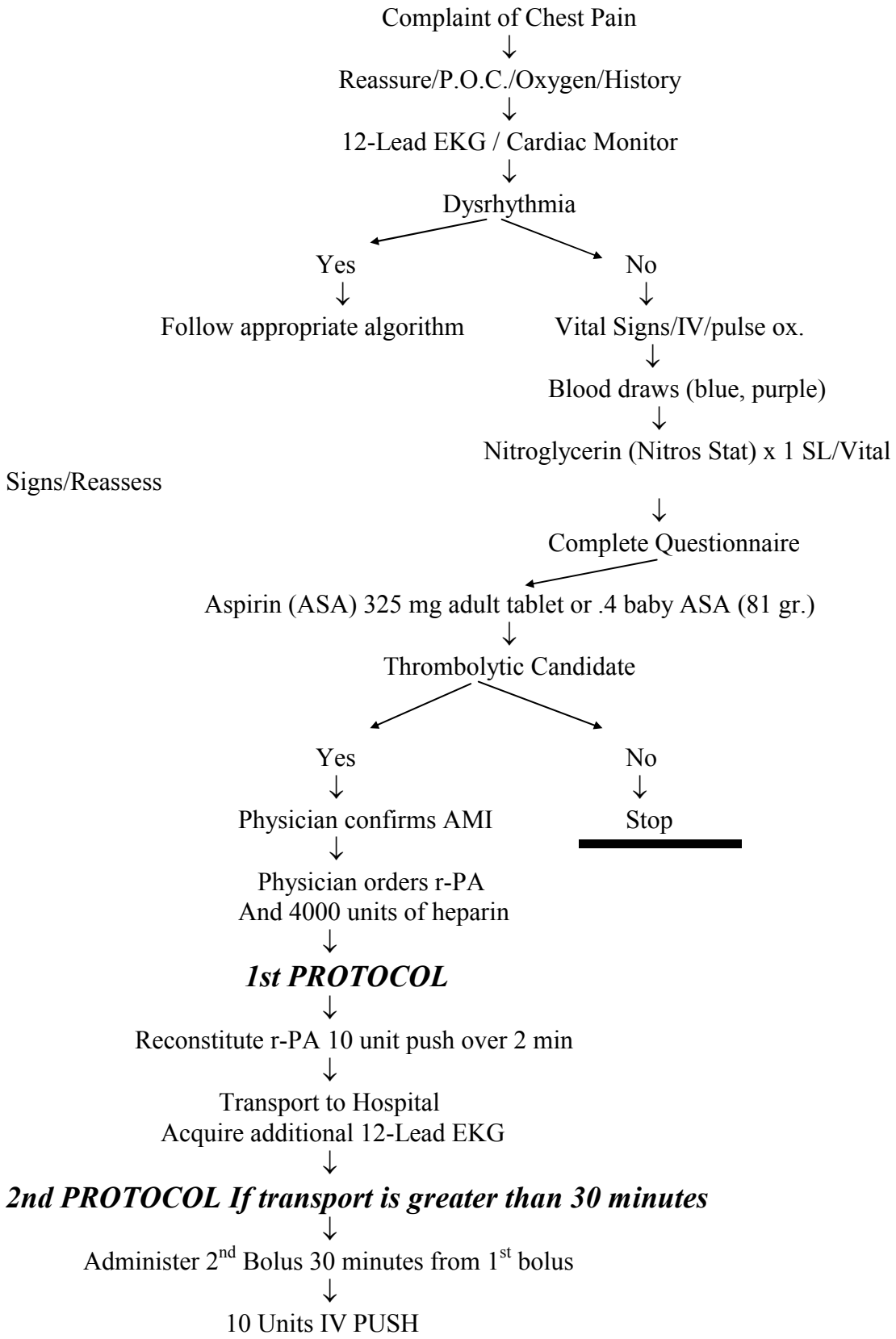
1. 10 Unit total dose administered IV. 10 unit bolus /slow (over 2 mins.) IV PUSH.
2. 10 Unit Re-bolus if transport times are greater than 30 minutes IV PUSH

WARNINGS

Bleeding may occur if given when contraindications are present, or when unknown conditions exist. Two types of bleeding occur; INTERNAL involving numerous systems including the brain; and SURFACE which involves bleeding from a puncture wounds or recent surgical sites. Numerous risk factors may need to be considered prior to administering r-PA.

EACH PATIENT SHOULD BE EVALUATED ON A CASE BY CASE BASIS.

r-PA PROTOCOL



THROMBOLYTIC PROTOCOL

UNIVERSITY HOSPITALS HEALTH SYSTEM Chest Pain and Thrombolytic Worksheet

Patient Name _____ Date _____

EXCLUSION QUESTIONS

- 1) History of a bleeding or clotting disorder? _____ Yes _____ No
- 2) GI or GU bleeding within 4 weeks? _____ Yes _____ No
- 3) History of Stroke, Cerebral Aneurysm, or CNS damage? _____ Yes _____ No
- 4) Major Surgery, Minor Surgery, Biopsy in the past 2 months? _____ Yes _____ No
- 5) Any type of Trauma in the past 2 months? _____ Yes _____ No
- 6) Systolic Pressure less than 80 or greater than 180? _____ Yes _____ No
- 7) Diastolic Pressure greater than 110? _____ Yes _____ No
- 8) CPR greater than 10 min in the past 2 weeks? _____ Yes _____ No
- 9) Possibility of Pregnancy? _____ Yes _____ No

If answer to any of the above is "Yes", **STOP** and consult medical direction.

INCLUSION QUESTIONS

- 1) The onset of the chest pain started less than 6 hours ago? _____ Yes _____ No
- 2) AMI confirmed by physician? _____ Yes _____ No

If answer to any of the above is "No", **STOP** and consult medical direction.