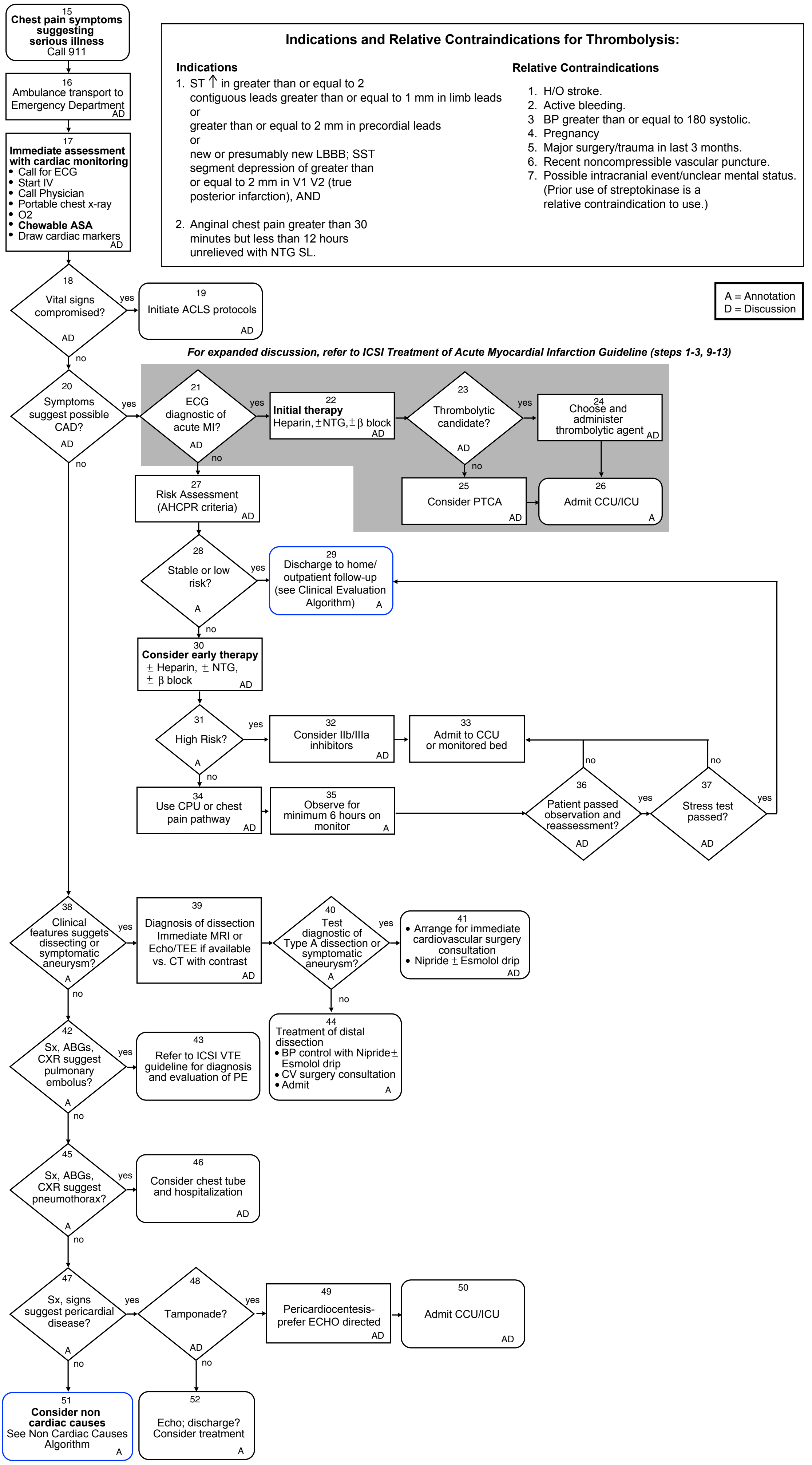
Source: Health Care Guideline: Diagnosis of Chest Pain. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2001 Sept.

Emergency Intervention Algorithm



Indications and Relative Contraindications for Thrombolysis:

Indications

1. ST ↑ in greater than or equal to 2 contiguous leads greater than or equal to 1 mm in limb leads or greater than or equal to 2 mm in precordial leads or new or presumably new LBBB; SST segment depression of greater than or equal to 2 mm in V1 V2 (true posterior infarction), AND
2. Anginal chest pain greater than 30 minutes but less than 12 hours unrelieved with NTG SL.

Relative Contraindications

1. H/O stroke.
2. Active bleeding.
3. BP greater than or equal to 180 systolic.
4. Pregnancy
5. Major surgery/trauma in last 3 months.
6. Recent noncompressible vascular puncture.
7. Possible intracranial event/unclear mental status. (Prior use of streptokinase is a relative contraindication to use.)

A = Annotation
D = Discussion

For expanded discussion, refer to ICSI Treatment of Acute Myocardial Infarction Guideline (steps 1-3, 9-13)

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