

	Policy:	Administration of Acetylsalicylic Acid (ASA) Adult
	Number:	
Approved by: MAC November 2008	Manual:	
Signature:	Section:	Medical Directive Emergency
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Procedure:

Acetylsalicylic Acid (ASA) chewable 160 mg x 1 dose

Indications:

- Symptoms of acute coronary syndrome including chest pain and chest pain equivalents (dyspnea, weakness).
- For other equivalents, consult with Emergency physician.

Contraindications: (Check with MD immediately)

- True allergy to ASA or NSAIDs
- Ingestion of ASA in the past 4 hours
- Active bleeding of any site
- Previous administration by paramedics.
- History of asthma

Guidelines:

- Note: GI distress and undocumented “reaction” do not constitute an allergy.

References:

1. *Lewis HD et al. Protective effects of aspirin against acute myocardial infarction and death in men with unstable angina. Results of a Veterans Administration Cooperative Study. NEJM 1983; 309: 396-403*
2. *Peng, PW, Sandler, AN. A Review of the Use of Fentanyl Analgesia in the Management of Acute Pain in Adults. Anesthesiology 1999; 90:576.*
3. *Randomised trial of intravenous streptokinase, oral aspirin, both, or neither among 17,187 cases of suspected acute myocardial infarction: ISIS-2. ISIS-2 (Second International Study of Infarct Survival) Collaborative Group. Lancet 1988; 2:349.*
4. *Collaborative meta-analysis of randomised trials of antiplatelet therapy for prevention of death, myocardial infarction, and stroke in high risk patients. BMJ 2002; 324:71.*
5. *Collaborative overview of randomised trials of antiplatelet therapy — I: Prevention of death, myocardial infarction, and stroke by prolonged antiplatelet therapy in various categories of patients. Antiplatelet Trialists' Collaboration [published erratum appears in BMJ 1994; 308:1540]. BMJ 1994; 308:81.*

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6. Roux, S, Christeller, S, Ludin, E. *Effects of aspirin on coronary reocclusion and recurrent ischemia after thrombolysis: A meta-analysis. J Am Coll Cardiol* 1992; 19:671.
7. Goodman, SG, Menon, V, Cannon, CP, et al. *Acute ST-segment elevation myocardial infarction: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines (8th Edition). Chest* 2008; 133:708S.
8. Antman, EM, Anbe, DT, Armstrong, PW, et al. *ACC/AHA guidelines for the management of patients with ST-elevation myocardial infarction. Available at: www.acc.org/qualityandscience/clinical/statements.htm (accessed August 24, 2006).*
9. Antman, EM, Hand, M, Armstrong, PW, et al. *2007 focused update of the ACC/AHA 2004 guidelines for the management of patients with ST-elevation myocardial infarction: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. J Am Coll Cardiol* 2008; 51:210.
10. Smith, SC Jr, Allen, J, Blair, SN, et al. *AHA/ACC guidelines for secondary prevention for patients with coronary and other atherosclerotic vascular disease: 2006 update endorsed by the National Heart, Lung, and Blood Institute. J Am Coll Cardiol* 2006; 47:2130.