



**DO NOT SUBMIT OR FAX THIS PAGE TO COR**

---

<b>Patient #</b>	<b>Patient Initials</b>	<b>Date of Birth</b>	<b>Medical Record Number</b>
_____	_____ F M L	_____ DD MM YY	_____

**Patient:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone (home): \_\_\_\_\_ Telephone (work): \_\_\_\_\_

Expected 6-month Follow-up Date: \_\_\_\_\_

**Family Physician:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_\_

**Cardiologist/Internist:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_\_

Date CRF Submitted to COR: \_\_\_\_\_

Date Corrections Returned: \_\_\_\_\_  
(in response to QC Report)

Date Corrections Returned: \_\_\_\_\_  
(in response to QC Report)

## Summary of GRACE Eligibility Criteria

### Basic GRACE Eligibility Criteria:

- Must have one of the Acute Coronary Syndromes as a presumptive diagnosis.
- Must be 18 years of age or over.
- The **qualifying** acute coronary syndrome must **not** have been precipitated or accompanied by a significant co-morbidity such as a motor vehicle accident, trauma, severe gastrointestinal bleeding, operation or procedure.
- Patients who are already hospitalized when they develop qualifying ACS symptoms are not eligible for enrollment in **GRACE**.

### Early Deaths:

- Must be alive at the time of hospital presentation.
- Patients hospitalized for less than 1 day who die may be enrolled provided that the cause of death is confirmed to be due to ACS.

### Transfer Patients:

- Patients transferred into or out of a registry hospital can be enrolled regardless of the time spent at the transferring hospital.
- For patients transferred out of a registry hospital, data collection for the Initial CRF will end with the transfer and indication of purpose of transfer.

### Patients can be enrolled more than once:

- Patients may be re-enrolled provided that at least 6 months have passed since their prior enrollment. When a patient is re-enrolled, a new **GRACE** patient identification number must be assigned.

## Confirmation of Eligibility

Symptoms felt to be consistent with acute cardiac ischemia within 24 hours of hospital presentation.

Plus, a minimum of 1 of the definitions for 1 (or more) of the following 4 criteria:

### History of CAD

- History of MI, angina, CHF felt to be due to ischemia or resuscitated sudden cardiac death.
- History of positive stress test with/without imaging.
- History of cardiac catheterization documenting CAD.
- History of PCI or CABG.

### New Documentation of CAD

- New positive stress test with/without imaging.
- New cardiac catheterization documenting CAD.
- New PCI or CABG.

### ECG Changes

- Transient ST segment elevations of  $\geq 1$  mm.
- ST segment depressions of  $\geq 1$  mm.
- New T wave inversions of  $\geq 1$  mm.
- Pseudo-normalization of previously inverted T waves.
- New Q waves (1/3 the height of the R wave or  $\geq 0.04$  secs.).
- New R wave  $>$ S wave in lead V<sub>1</sub> (posterior MI).
- New LBBB.

### Increase in Cardiac Enzymes

- CKMB 2x upper limit of the hospital's normal range, OR if no CKMB available, then total CPK  $>2$  x upper limit of the hospital's normal range.
- Positive troponin I.
- Positive troponin T.

---

## A. ENROLLMENT

### 2. Where Identified

- 1 = CCU/ICU
- 2 = Cath Lab
- 3 = ER / ED
- 4 = Cardiac Unit
- 5 = General Unit
- 6 = Admit List
- 7 = Other

## C. MEDICAL HISTORY

### 15. Smoker

- 1 = Former smoker
- 2 = Current smoker
- 9 = Status not recorded

### 16. Diabetes

- 1 = Diet controlled
- 2 = Oral hypoglycemics
- 3 = Insulin-dependent
- 4 = No treatment used
- 9 = Type not recorded

### 17. Renal Insufficiency

- 1 = No Dialysis
- 2 = Dialysis



# GRACE Initial Form v3.5

Site ID (Required)

Patient ID (Required)

## General Information

Pt. Initials

F M L

Date of Birth (Required)

day

month

year

## A. Enrollment

1. Confirmation of Eligibility per GRACE Protocol: (Fill in all that apply)

- Symptoms of Ischemia **and**  History of CAD  Qualifying ECG Changes  
 New Documentation of CAD  Positive Cardiac Enzymes

2. Pursuit Type: (Fill in one)  Cold  Warm If warm, where identified?\*

## B. Demographics

1. Postal Code (Patient Residence)

2. Gender (Required)

- 
- Male
- 
- Female

3. Admission Weight

- 
- lb
- 
- kg

4. Height

- 
- in
- 
- cm

## C. Medical History

(If Yes to 15 - 17, please provide code.\*)

- |  | No                    | Yes                   |                                 | No                    | Yes                   |  | No                    | Yes                   |                        |
|--|-----------------------|-----------------------|---------------------------------|-----------------------|-----------------------|--|-----------------------|-----------------------|------------------------|
| 1. Angina                                | <input type="radio"/> | <input type="radio"/> | 8. Family History of CAD        | <input type="radio"/> | <input type="radio"/> | 15. Smoker*                              | <input type="radio"/> | <input type="radio"/> | → <input type="text"/> |
| 2. MI                                    | <input type="radio"/> | <input type="radio"/> | 9. Positive Stress Test         | <input type="radio"/> | <input type="radio"/> | 16. Diabetes*                            | <input type="radio"/> | <input type="radio"/> | → <input type="text"/> |
| 3. CHF                                   | <input type="radio"/> | <input type="radio"/> | 10. Hypertension                | <input type="radio"/> | <input type="radio"/> | 17. Renal Insufficiency*                 | <input type="radio"/> | <input type="radio"/> | → <input type="text"/> |
| 4. Coronary Angiogram Diagnostic for CAD | <input type="radio"/> | <input type="radio"/> | 11. Dyslipidemia                | <input type="radio"/> | <input type="radio"/> | 18. Major Surgery                        | <input type="radio"/> | <input type="radio"/> |                        |
| 5. PCI                                   | <input type="radio"/> | <input type="radio"/> | 12. Peripheral Arterial Disease | <input type="radio"/> | <input type="radio"/> | 19. Major Bleeding                       | <input type="radio"/> | <input type="radio"/> |                        |
| 6. CABG                                  | <input type="radio"/> | <input type="radio"/> | 13. Atrial Fib                  | <input type="radio"/> | <input type="radio"/> | 20. Internal Cardiac Defibrillator (ICD) | <input type="radio"/> | <input type="radio"/> |                        |
| 7. Valve Repair/ Replacement             | <input type="radio"/> | <input type="radio"/> | 14. TIA/Stroke                  | <input type="radio"/> | <input type="radio"/> | 21. History of Venous Thromboembolism    | <input type="radio"/> | <input type="radio"/> |                        |

## D. Presentation

1. Symptom Onset

(Prompting Presentation to Hospital)

Date			Time	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
day	month	year	(24 hour clock)	

3. BP

<input type="text"/>	/	<input type="text"/>
systolic		diastolic

2. Hospital #1 Arrival

(Required if not transferred)

Date			Time	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
day	month	year	(24 hour clock)	

4. Pulse

 bpm

## **D. PRESENTATION**

### **6. Killip Class**

- 1 = I (No CHF)
- 2 = II (Rales)
- 3 = III (Pulmonary Edema)
- 4 = IV (Cardiogenic Shock)

### **7. Presumptive Admission Diagnosis**

- 1 = MI
- 2 = Unstable Angina
- 3 = Rule out MI or suspected ACE/ACS
- 4 = Chest Pain
- 5 = Other Cardiac
- 6 = Other



# GRACE Initial Form v3.5

Site ID (Required)






Patient ID (Required)






## D. Presentation (continued)

5. Cardiac arrest at presentation?  No  Yes6. Killip Class\* 7. Presumptive Admission Diagnosis\* 8. Was patient transferred from another hospital?  No  Yes

9. If Yes, Hospital #2 Arrival (Required if transferred)

Date			Time	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
day	month	year	(24 hour clock)	

Time	
<input type="text"/>	<input type="text"/>
(24 hour clock)	

10. Reason for transfer:

(Fill in all that apply)

- Acute Care  
 Cardiac Cath  
 PCI  
 CABG  
 Other

## E. ECG Findings

1a. Index ECG

(Prompted by ACS symptoms)

Date			Time	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
day	month	year	(24 hour clock)	

Was Index ECG done in pre-hospital setting?

 No  Yes

1b. Was Index ECG abnormal for Ischemia? (Required)

 No  Yes → If Yes, note abnormalities below.

	Anterior	Inferior	Lateral
ST ↑ (≥1mm)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ST ↓ (≥1mm)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Significant Q Waves	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
T Wave Inversions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

 Left Bundle Branch Block

1c. Other abnormalities? (Fill in all that apply)

- AV Block (Mobitz II, 3°)     Atrial Fib/Flutter     Nonspecific ST/T Change     Vtach  
 Paced Rhythm     Posterior Infarction     Left Ventricular Hypertrophy     RBBB

1d. Were any of the ischemic abnormalities on the index ECG new or presumed new?

- Not Applicable (index ECG had no ischemic abnormalities)  
 Unknown  
 No  
 Yes → If Yes, note new and presumed new abnormalities below.

	Anterior	Inferior	Lateral
ST ↑ (≥1mm)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ST ↓ (≥1mm)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Significant Q Waves	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
T Wave Inversions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

 Left Bundle Branch Block

1e. Other new abnormalities? (Fill in all that apply)

- AV Block (Mobitz II, 3°)     Atrial Fib/Flutter     Nonspecific ST/T Change     Vtach  
 Paced Rhythm     Posterior Infarction     Left Ventricular Hypertrophy     RBBB







# GRACE Initial Form v3.5

Site ID (Required)

Patient ID (Required)

## E. ECG Findings (continued)

**2a. Did the patient develop ST $\uparrow$  or LBBB after the index ECG?** No  YesIf Yes, specify  
date and time:

Date			Time	
<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	: <input type="text"/> <input type="text"/>
day	month	year	(24 hour clock)	

**2b. Did the patient develop any of the following after the index ECG?** (Fill in all that apply) Significant Q Waves or R>S in V1If Yes, specify  
date and time:

Date			Time	
<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	: <input type="text"/> <input type="text"/>
day	month	year	(24 hour clock)	

 ST Depressions ( $\geq 1$ mm)If Yes, specify  
date and time:

<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	: <input type="text"/> <input type="text"/>
day	month	year	(24 hour clock)	

 T Wave InversionsIf Yes, specify  
date and time:

<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	: <input type="text"/> <input type="text"/>
day	month	year	(24 hour clock)	

## F. Laboratory

**1. Initial****Creatinine** ·  umol/liter  
 mg/dl**3. Initial WBC** ·   $10^3$ /cc  
  $10^9$ /L**2. Peak****Creatinine** ·  umol/liter  
 mg/dl**4. Serum****Cholesterol** ·  mmol/liter  
 mg/dlPrior to hospital  
presentation<24 hrs after hospital  
presentation $\geq 24$  hrs after hospital  
presentation**LDL** ·  mmol/liter  
 mg/dl**HDL** ·  mmol/liter  
 mg/dl**Triglycerides** ·  mmol/liter  
 mg/dl**5. Initial****Glucose** ·  mmol/liter  
 mg/dl**Fasting**  
**Glucose** ·  mmol/liter  
 mg/dl

## **H1. CARDIAC CATH / INTERVENTIONS**

### **Culprit Lesion Territory**

- 1 = LM
- 2 = LAD
- 3 = LCX
- 4 = RCA
- 5 = Vein Bypass Graft
- 6 = Arterial Bypass Graft
- 7 = Unknown

### **Culprit Artery TIMI Flow**

- 1 = Occluded (TIMI 0/1)
- 2 = Slow (TIMI 2)
- 3 = Normal (TIMI 3)
- 4 = Unknown





# GRACE Initial Form v3.5

Site ID (Required)

Patient ID (Required)

## F. Laboratory (continued)

### 6. Cardiac Markers - Initial Values

CPK  CK-MB  .

CPK ULN  CK-MB ULN  .

Date and Time

:   :   
day month year (24 hour clock)

Troponin  I **OR**  T Value  .

ULN  .

Date and Time

:   :   
day month year (24 hour clock)

### 7. Cardiac Markers - Maximum Values in 1st 24 hrs

CPK  CK-MB  .

CPK ULN  CK-MB ULN  .

Date and Time

:   :   
day month year (24 hour clock)

Troponin  I **OR**  T Value  .

ULN  .

Date and Time

:   :   
day month year (24 hour clock)

### 8. Biomarkers

CRP  .   mg/dl  mg/l

BNP   pcg/ml  pg/ml

Homocysteine   $\mu$ mol/liter

## G. Procedures

1. Pacemaker  No  Yes  → **Type:** (Fill in all that apply)  
2. Echocardiography    
3. PA Catheter    
 Temporary  
 Permanent  
 ICD

4. Ventilator   No Yes  
5. IABP    
6. Stress Test   →  Pos  Neg

## H. Cardiac Cath/Interventions

Patient/Family Refused Procedure (Fill in all that apply)

Cardiac Cath  PCI  CABG

1. Cardiac Cath  No  Yes  :   :   
Date Time (24 hour clock) Total # of Cath Procedures (during hospitalization)

Stenosis  $\geq$  50% in territories (Fill in all that apply)

LM  LAD  LCX  RCA  Bypass Graft(s)

Culprit Lesion Stenosis:  % Culprit Lesion Territory:\*  Culprit Artery TIMI Flow:\*



## **H. CARDIAC CATH / INTERVENTIONS**

### **2. PCI Type**

- 1 = Primary/direct (immediate mode of reperfusion in AMI)
- 2 = Rescue (after failed thrombolysis, where failed refers to ongoing/recurrent ischemic discomfort and/or lack of ST segment elevation resolution or recurrent ST elevation)
- 3 = Early PCI for cardiogenic shock
- 4 = PCI for treatment of unstable angina
- 5 = PCI for treatment of post AMI ischemia
- 6 = Facilitated PCI (immediate PCI following successful thrombolysis, or in conjunction with thrombolysis)
- 7 = Non-emergent adjunctive PCI of non-culprit lesion (stayed)
- 8 = Other (including non-emergent elective PCI of suspected culprit lesion)

### **3. Type of Graft(s)**

- 1 = Vein graft(s)
- 2 = Arterial graft(s)
- 3 = Both Vein and Arterial graft(s)

## **I. LVEF**

### **LVEF Grade**

- 1 = Normal
- 2 = Mildly Diminished
- 3 = Moderately Diminished
- 4 = Severely Diminished

### **LVEF How Obtained**

- 1 = Ventriculogram (angiogram)
- 2 = Nuclear Imaging
- 3 = Echo



## GRACE Initial Form v3.5

Site ID (Required)

Patient ID (Required)

**H. Cardiac Cath/Interventions (continued)**

2. PCI  No  Yes

Date          
day month year

Time   :    
(24 hour clock)

Total # of PCI Procedures   
(during hospitalization)

Indicate for 1st PCI: # of Dilated Vessels  # of Stents  PCI Type\*

Done with Brachytherapy  Drug Coated Stent(s) → If Yes, Number of Coated Stents   Failed Procedure

3. CABG  No  Yes

Date          
day month year

# of Distal Graft(s)  Type of Graft(s)\*

**I. LVEF**LVEF  No  Yes

%

OR

Grade\*

How obtained\*:

**J. Thrombolytics**

Thrombolytics  No  Yes → If Yes, # of treatments

↓

Date of first          
day month year

Time   :    
(24 hour clock)

Thrombolytics contraindicated

**1. Name of First Thrombolytic Drug:** (Fill in one from below)

Streptokinase  t-PA  r-PA  TNK-tPA  Other  Blinded Study Drug

Dose (Fill in one)  half  full

**2. Thrombolytic Initiation Site** (Fill in one)  Pre-hospital  In-hospital**3. Drugs administered simultaneously with thrombolytic** (Fill in all that apply)

GP IIb/IIIa  LMWH  Unfractionated Heparin  Blinded Study Drug



## **K. ANTIPLATELETS / ANTITHROMBINS / ANTICOAGULANTS**

### **14. IV GP IIb/IIIa: Reason for Administration**

1 = With PCI (started before PCI)

2 = Without PCI (medical treatment)

3 = Rescue (instituted after start of PCI. Sometimes referred to as bail-out use)



## GRACE Initial Form v3.5

Site ID (Required)

Patient ID (Required)

**K. Antiplatelets/Antithrombins/Anticoagulants (Fill in all that apply for each medication)**

	Blinded Study Drug	Chronic Use	Pre-Hospital Acute	Within 1st 24 hrs Hospital	After 1st 24 hrs Hospital	Peri-PCI	Prescribed at Discharge	Not Prescribed
<b>1. Aspirin (Required)</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	dosage <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> mg/day					dosage <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> mg/day		
<b>2. Warfarin or other Vitamin K Antagonist</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>3. Ticlopidine</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>4. Clopidogrel (Required)</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>5. Unfractionated Heparin</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>6. IV Enoxaparin</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>7. SQ Enoxaparin (Required)</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>8. Bivalirudin</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>9. Fondaparinux</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>10. Other Direct Thrombin Inhibitors</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>11. Other LMW Heparin</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>12. Other Antiplatelet</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>13. Other Antithrombin</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>14. IV GP IIb/IIIa</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reason for Administration:* <input type="text"/>	GP IIb/IIIa simultaneous drug administration with: (Fill in all that apply)							
	<input type="radio"/> Unfractionated Heparin			<input type="radio"/> LMWH				







9519

# GRACE Initial Form v3.5

Site ID (Required)

Patient ID (Required)

## L. Other Medications (Fill in all that apply for each medication)

	Blinded Study Drug	Chronic Use	Pre-Hospital Acute OR Within 1st 24 hrs Hospital	After 1st 24 hrs Hospital	Prescribed at Discharge/ Transfer	Not Prescribed
1. ACE Inhibitor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Amiodarone	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Angiotensin II Receptor Blocker (ARB)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Beta Blocker (IV)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Beta Blocker (Oral)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Calcium Channel Blocker	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. Digoxin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. Diuretic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9. Glucose/Insulin/Potassium (GIK)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10. Inotropic Agent (IV)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11. Insulin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12. Insulin Provider	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13. Insulin Sensitizer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14. Magnesium (IV)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
15. Nitrate (IV)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
16. Nitrate (Oral/Topical)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
17. Nicorandil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
18. Omega-3 Fatty Acids	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
19. Statin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
20. Other Lipid Lowering Agent	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## M. Medication Contraindications (Fill in all that apply)

ASA    Beta Blockers    ACE Inhibitors    ARB    Statins    LMWH    UFH

## N. Lifestyle Interventions

1. If current cigarette smoker, was patient counseled to quit smoking by a health care professional?

No/Unknown    Yes    Does Not Apply

2. Was patient referred to a cardiac rehab program?    No/Unknown    Yes

9519



## **O. IN-HOSPITAL EVENTS**

### **12. Mechanical Complications**

1 = Ventricular Septal Defect

2 = Mitral Regurgitation

3 = Free wall rupture





9519

# GRACE Initial Form v3.5

Site ID (Required)

Patient ID (Required)

## O. In-hospital Events: After Presentation

- |                                       |  |                                  |  |   |  |
|---------------------------------------|--|----------------------------------|--|---|--|
| <b>1. Recurrent Ischemic Symptoms</b> | No <input type="radio"/> Yes <input type="radio"/> | <b>5. Atrial Fib/Flutter</b>     | No <input type="radio"/> Yes <input type="radio"/> | <b>10. Acute Renal Failure</b>            | No <input type="radio"/> Yes <input type="radio"/> |
| <b>2. CHF/Pulmonary Edema</b>         | <input type="radio"/> <input type="radio"/>        | <b>6. Sustained VT</b>           | <input type="radio"/> <input type="radio"/>        | <b>11. AV Block (Mobitz II, 3°)</b>       | <input type="radio"/> <input type="radio"/>        |
| <b>3. Cardiogenic Shock</b>           | <input type="radio"/> <input type="radio"/>        | <b>7. Thrombocytopenia</b>       | <input type="radio"/> <input type="radio"/>        | <b>12. Mechanical* Complication</b>       | <input type="radio"/> <input type="radio"/>        |
| <b>4. Cardiac Arrest/VF*</b>          | <input type="radio"/> <input type="radio"/>        | <b>8. HIT</b>                    | <input type="radio"/> <input type="radio"/>        | If yes*, enter Code: <input type="text"/> |  |
| If yes*, specify date:                |  | <b>9. Venous Thromboembolism</b> |  |   |  |
| <input type="text"/>                  | <input type="text"/>                               | <input type="text"/>             |  |   |  |
| day                                   | month  | year                             |  |   |  |

- 13. MI > 24 hrs after hospital presentation/Re-infarction**  No  Yes Date
- day month year

**Confirmed by:** (Fill in all that apply)  Cardiac Markers  ECG  Peri-procedural

- 14. Stroke**  No  Yes Date       **CT/MRI Confirmed?**  No  Yes
- Type:** (Fill in one)  Embolic/Ischemic  Embolic w/ Hemorrhagic Conversion  Hemorrhagic/Subdural Hematoma  Other

- 15. Major Bleeding** (except hemorrhagic stroke)  No  Yes Date
- Site(s):** (Fill in all that apply)  Vascular Access  Other Site
- Treatment:** (Fill in one)  Surgery  Transfusion  Both Surgery and Transfusion  None

## P. Discharge Status

- 1. Was patient treated as part of a research protocol?**  No  Yes
- 2. Discharge Status**  Death  Home  Transfer to Another Acute Facility  AMA/Self-Discharge  Other  
(Required)   
↓  
For Specific Procedure? (Fill in all that apply):  Cath  PCI  CABG
- 3. Date of Discharge or Death**       **4. Time of Death if Died**  :   
(Required) (24 hour clock)
- 5. Primary Discharge Diagnosis - Fill in one (Required)** Specify Other/Other  
 ACS  Other Cardiac  Other Cardiac Diagnosis: \_\_\_\_\_
- 6. Who was the primary physician who cared for the patient while in the hospital?** (Fill in one)  
 Cardiologist  Non-cardiologist → If so, then Cardiology Consult?

Forms Completed by: \_\_\_\_\_ Date

day month year

