CABG Composite Quality Score:

| Patient Level | | | | Hospital Level | | | Composite Quality Score | | | | |
|---------------|---|-------------------|--------|----------------------|------------------------------|--------|---|-----------------|---------------------|----------------------------|--|
| CABG | Process Component | Process Component | | | Composite Process component: | | | | | | |
| Patient 1: | Process measures | Eligible | Actual | | Eligible | Actual | Eligible Actua | I Facility rate | Component Weight | Composite Process Score | |
| | Aspirin prescribed at discharge | Yes | Yes | | | | | | | Weight X 100) | |
| | CABG using IMA | Yes | Yes | CABG Patient 1 | 5 | 4 | 167 14 | 1 0.84 | 0.625 | 52.77 | |
| | Prophylactic antibiotic received < 1 our prior to surgical incision | Yes | Yes | CABG Patient 2 | 5 | 5 | | | | | |
| | Prophylactic antibiotic selection for isolated CABG patients | Yes | Yes | | | | Composite Outcome component: | | | | |
| | Prophylactic antibiotics discontinued < 24 hours after surgery end time | Yes | No | | | | | Facility rate | Component Weight | Composite Outcome Score | |
| | | | | | | | Actual post-op H/H avoidance rate (1 - Actual post-op H/H rate) | 0.9898 | | | |
| | | | | | | | Expected post-op H/H avoidance rate (1 - expected post-op H/H rate) | 0.9700 | | | |
| | | | | CABG Patient n | 4 | 3 | Post-op H/H avoidance index | 1.0204 | 0.125 | 12.76 | |
| | | | | | | | Actual post-op PMD avoidance rate (1 - Actual post-op PMD rate) | 0.9760 | | | |
| | Total for patient 1 | 5 | 4 | Total | 167 | 141 | Expected post-op PMD avoidance rat (1 - expected post-op PMD rate) | e 0.9830 | | | |
| Opportunitie | s for intervention and actual interventior | ns for all | | Patient level values | are aggregate | d to | Post-op PMD avoidance index | 0.9929 | 0.125 | 12.41 | |

individual measures are aggregated to the patient level.

the facility level.

Actual and expected mortality rates calculated

Actual and expected post operative hemmorrhage/hematoma rates calculated (Act.post-op H/H rate) and (Exp. post-op H/H rate)

Actual and expected post-operative physiologic and metabolic derangement rates calculated (Actual post-op PMD rate) and (Expected post-op PMD rate)

| Expected post-op PMD avoidance rate | | |
|-------------------------------------|--------|-------|
| (1 - expected post-op PMD rate) | 0.9830 | |
| Post-op PMD avoidance index | 0.9929 | 0.125 |
| Actual survival rate | | |
| (1 - Actual mortality rate) | 0.9564 | |
| Expected survival rate | | |
| (1 - expected mortality rate) | 0.8869 | |
| Survival index | 1.0784 | 0.125 |

HQI Composite CABG Quality Score

91.42

13.48

AMI Composite Quality Score:

| MI Proc | cess Component | | Patient Level | | | | | | | | | | |
|----------------|--|----------|---------------|--|-------------------|----------|--------|------------|------------------------------------|------------|------------------|---------------------|-----------------------------------|
| | Process Component | | | | Process Component | | | | Composite Process component: | | | | |
| atient 1: Proc | cess measures | Eligible | Actual | | | Eligible | Actual | | Eligible | Actual | Facility rate | Component Weight | Composite Process Score |
| Aspi | irin at Arrival | Yes | Yes | | | | | | | | | | (Facility rate X Weight X 100) |
| Aspi | irin at Discharge | Yes | No | | AMI Patient 1 | 5 | 4 | ⊢ → | 131 | 120 | 0.9160 | 0.89 | 81.53 |
| ACE | EI for LVSD | Yes | Yes | | AMI Patient 2 | 6 | 4 | | | | | | |
| | oking Cessation Inseling | No | No | | | | | | Composite Ou | itcome com | ponent: | | Composite |
| Beta | a Blocker at Discharge | Yes | Yes | | | | | | | | Facility rate | Component Weight | Outcome Score |
| Beta | a Blocker at arrival | Yes | Yes | | | | | | Actual survival (1 - actual mor | | 0.9524 | | |
| With | ombolytics Received hin 30 Minutes of | Nia | Nie | | | | | | Expected survi (1- expected m | | 0.0000 | | |
| Arriv | - | No | No | | | | | | rate) | | 0.8839 | | |
| | within 120 minutes of spital Arrival | No | No | | AMI Patient n | 7 | 6 | | Survival index | ζ. | 1.0775 | 0.11 | 11.85 |

Opportunities for intervention and actual interventions for all individual measures are aggregated to the patient level.

Patient level values are then aggregated to the facility level.

Actual mortality rate is calculated

Expected mortality rate is calculated

Hip and Knee Replacement Composite Quality Score:

| | Patient Level | | | |
|------------|---|----------|--------|---|
| Hip/Knee | Process Component | | | ļ |
| Patient 1: | Process measures | Eligible | Actual | |
| | Prophylactic antibiotic received < 1 our prior to surgical incision | Yes | Yes | |
| | Prophylactic antibiotic selection for isolated CABG patients | Yes | Yes | • |
| | discontinued < 24 hours after surgery end time | Yes | Yes | 1 |
| | | | | |
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| | | | | |
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| | | | | I |
| | | | | |
| | | | | ľ |
| | Total for patient 1 | 3 | 3 | |

| Hospital Level | | | | | | | |
|-------------------|----------|--------|--|--|--|--|--|
| Process Component | | | | | | | |
| | | | | | | | |
| | Eligible | Actual | | | | | |
| | | | | | | | |
| | | | | | | | |
| HNK Patient 1 | 3 | 3 | | | | | |
| HNK Patient 2 | 3 | 2 | | | | | |
| • | | | | | | | |
| | | | | | | | |
| • | | | | | | | |
| • | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| HNK Patient n | 3 | 3 | | | | | |
| | | | | | | | |
| | | | | | | | |
| Total | 312 | 291 | | | | | |

| Composite Process com | ponent: | | | |
|---|----------|------------------|---------------------|-----------------------------------|
| Eligible | Actual | Facility rate | Component Weight | Composite Process Score |
| | | | | (Facility rate X Weight X 100) |
| 312 | 291 | 0.9327 | 0.50 | 46.63 |
| Composite Outcome co | nponent: | Facility rate | Component Weight | Composit Outcome Scor |
| Actual post-op H/H avoida (1 - Actual post-op H/H rat | | 0.9700 | | |
| Expected post-op H/H avorate (1 - expected post-op H/H | | 0.9600 | | |
| Post-op H/H avoidance i | ndex | 1.0104 | 0.167 | 16.8 |
| Actual post-op PMD avoid rate | | | | |
| (1 - Actual post-op PMD ra Expected post-op PMD av rate | | 0.9890 | | |
| (1 - expected post-op PMI | D rate) | 0.9800 | | |
| Post-op PMD avoidance Actual 30-day readmission | | 1.0092 | 0.167 | 16.8 |
| avoidance rate (1 - actual 30-day readmit | rate) | 0.9400 | | |
| Expected 30-day readmiss avoidance rate | | 0.9570 | | |
| (1 - expected 30-day read | | | | |

Opportunities for intervention and actual interventions for all

individual measures are aggregated to the patient level.

Patient level values are aggregated to

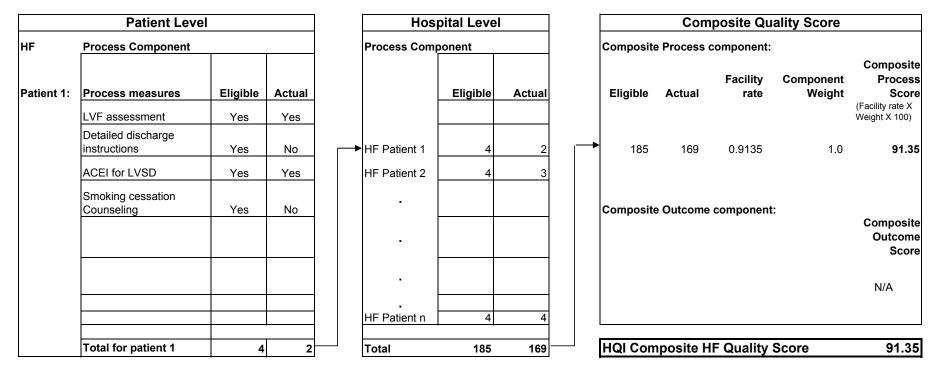
the facility level.

Actual and expected 30-day readmission rates calculated

Actual and expected post operative hemmorrhage/hematoma rates calculated (Act.post-op H/H rate) and (Exp. post-op H/H rate)

Actual and expected post-operative physiologic and metabolic derangement rates calculated (Actual post-op PMD rate) and (Expected post-op PMD rate)

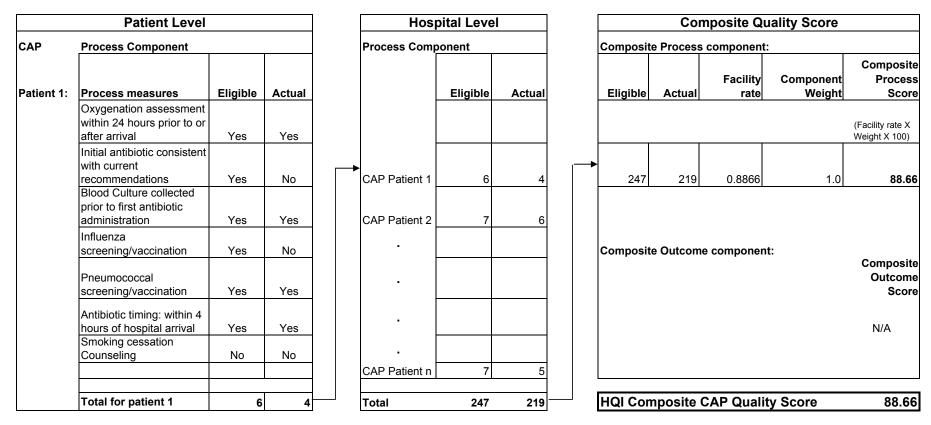
HF Composite Quality Score:



Opportunities for intervention and actual interventions for all individual measures are aggregated to the patient level.

Patient level values are then aggregated to the facility level.

CAP Composite Quality Score:



Opportunities for intervention and actual interventions for all individual measures are aggregated to the patient level.

Patient level values are then aggregated to the facility level.