



## IQI #18 Gastrointestinal Hemorrhage Mortality Rate

Provider-Level Indicator

Mortality Indicator for Inpatient Medical Conditions

### Numerator

Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator.

### Denominator

All discharges, age 18 years and older, with a principal diagnosis code for gastrointestinal hemorrhage.

ICD-9-CM gastrointestinal hemorrhage diagnosis codes:

|       |                                |       |                                 |
|-------|--------------------------------|-------|---------------------------------|
| 4560  | ESOPH VARICES W HEM            | 53400 | AC MARGINAL ULCER W HEM         |
| 5307  | GASTROESOPH LACER W HEM        | 53401 | AC MARGIN ULC W HEM-OBST        |
| 53021 | ULCER ESOPHAGUS W BLEED OCT03- | 53420 | AC MARGIN ULC W HEM/PERF        |
| 53082 | ESOPHAGEAL HEMORRHAGE          | 53421 | AC MARG ULC HEM/PERF-OBS        |
| 53100 | AC STOMACH ULCER W HEM         | 53440 | CHR MARGINAL ULCER W HEM        |
| 53101 | AC STOMAC ULC W HEM-OBST       | 53441 | CHR MARGIN ULC W HEM-OBS        |
| 53120 | AC STOMAC ULC W HEM/PERF       | 53460 | CHR MARGIN ULC HEM/PERF         |
| 53121 | AC STOM ULC HEM/PERF-OBS       | 53461 | CHR MARG ULC HEM/PERF-OB        |
| 53140 | CHR STOMACH ULC W HEM          | 53501 | ACUTE GASTRITIS W HMRHG         |
| 53141 | CHR STOM ULC W HEM-OBSTR       | 53511 | ATRPH GASTRITIS W HMRHG         |
| 53160 | CHR STOMACH ULC HEM/PERF       | 53521 | GSTR MCSL HYPRT W HMRG          |
| 53161 | CHR STOM ULC HEM/PERF-OB       | 53531 | ALCHL GSTRITIS W HMRHG          |
| 53200 | AC DUODENAL ULCER W HEM        | 53541 | OTH SPF GASTRT W HMRHG          |
| 53201 | AC DUODEN ULC W HEM-OBST       | 53551 | GSTR/DDNTS NOS W HMRHG          |
| 53220 | AC DUODEN ULC W HEM/PERF       | 53561 | DUODENITIS W HMRHG              |
| 53221 | AC DUOD ULC HEM/PERF-OBS       | 53783 | ANGIO STM/ DUDN W HMRHG         |
| 53240 | CHR DUODEN ULCER W HEM         | 53784 | DIEULAFOY LES,STOM&DUOD OCT02-  |
| 53241 | CHR DUODEN ULC HEM-OBSTR       | 56202 | DVRTCLO SML INT W HMRHG         |
| 53260 | CHR DUODEN ULC HEM/PERF        | 56203 | DVRTCLI SML INT W HMRHG         |
| 53261 | CHR DUOD ULC HEM/PERF-OB       | 56212 | DVRTCLO COLON W HMRHG           |
| 53300 | AC PEPTIC ULCER W HEMORR       | 56213 | DVRTCLI COLON W HMRHG           |
| 53301 | AC PEPTIC ULC W HEM-OBST       | 5693  | RECTAL & ANAL HEMORRHAGE        |
| 53320 | AC PEPTIC ULC W HEM/PERF       | 56985 | ANGIO INTES W HMRHG             |
| 53321 | AC PEPT ULC HEM/PERF-OBS       | 56986 | DIEULAFOY LES, INTESTINE OCT02- |
| 53340 | CHR PEPTIC ULCER W HEM         | 5780  | HEMATEMESIS                     |
| 53341 | CHR PEPTIC ULC W HEM-OBS       | 5781  | BLOOD IN STOOL                  |
| 53360 | CHR PEPT ULC W HEM/PERF        | 5789  | GASTROINTEST HEMORR NOS         |
| 53361 | CHR PEPT ULC HEM/PERF-OB       |       |                                 |

Exclude cases:

- missing discharge disposition (DISP=missing)
- transferring to another short-term hospital (DISP=2)
- MDC 14 (pregnancy, childbirth, and puerperium)