



Clinical Quality Measures for PQRS

Last Updated: April 15, 2015

Michigan Bariatric Surgery Collaborative (MBSC) QCDR
Narrative Non-PQRS Measures Specification
April 15, 2015

The Michigan Bariatric Surgery Collaborative (MBSC) Quality Clinical Data Registry will submit the following measures outlined below on behalf of its eligible professionals for the 2014 reporting period starting on January 1, 2015 and ending on December 31, 2015. The MBSC QCDR will submit the individual measures outlined below. All measures are only captured on patients undergoing bariatric surgery in the state of Michigan.

Non-PQRS Measure #1 (MBSC QCDR-1): Medical Complications

DESCRIPTION:

Percentage of patients who experience a cardiac, respiratory, renal, or venous thromboembolic complication within 30 days of the procedure date

TYPE:

Outcome

DOMAIN:

Patient safety

NUMERATOR:

All patients in the cohort above the age of 18, who have undergone a primary bariatric surgery and had a medical complication described in the measure description

DENOMINATOR:

All patients in the cohort above the age of 18 who have undergone a primary bariatric surgery.

DENOMINATOR EXCLUSIONS:

All patients under the age of 18, patients who are undergoing bariatric procedure, but it is not their primary bariatric surgery.

RATIONALE:

Metric of safety of medical care

Non-PQRS Measure #2 (MBSC QCDR-2): Surgical Site Complications

DESCRIPTION:

Percentage of patients who had a bleeding, anastomotic leak, wound infection, or intestinal obstruction complications within 30 days of the principal procedure

TYPE:

Outcome

DOMAIN:

Patient safety

NUMERATOR:

All patients in the cohort above the age of 18, who have undergone a primary bariatric surgery and had a surgical site complication described in the measure description

DENOMINATOR:

Excludes all patients undergoing revisional bariatric surgery procedures as a metric of safety of medical care

DENOMINATOR EXCLUSIONS:

All patients under the age of 18, patients who are undergoing bariatric procedure, but it is not their primary bariatric surgery.

RATIONALE:

Metric of safety of medical care

Non-PQRS Measure #3 (MBSC QCDR-3): Serious Complications

DESCRIPTION:

Percentage of patients who had a potentially life-threatening complications (abdominal abscess requiring percutaneous drainage or reoperation, bowel obstruction requiring reoperation, leak requiring percutaneous drainage or reoperation, bleeding requiring transfusion >4 units, reoperation, or splenectomy, band-related problems requiring reoperation, respiratory failure requiring 2-7 days intubation, renal failure requiring in-hospital dialysis, wound infection/dehiscence requiring reoperation, and venous thromboembolism); and life-threatening complications associated with residual and lasting disability or death (myocardial infarction or cardiac arrest, renal failure requiring long-term dialysis, respiratory failure requiring >7 days intubation or tracheostomy, and death).

TYPE:

Outcome

DOMAIN:

Patient safety

NUMERATOR:

All patients in the cohort above the age of 18, who have undergone a primary bariatric surgery and had a serious complication described in the measure description

DENOMINATOR:

All patients in the cohort above the age of 18 who have undergone a primary bariatric surgery.

DENOMINATOR EXCLUSIONS:

All patients under the age of 18, patients who are undergoing bariatric procedure, but it is not their primary bariatric surgery.

RATIONALE:

Metric of safety of medical care

Non-PQRS Measure #4 (MBSC QCDR-4): MBSC Venous Thromboembolism prophylaxis adherence rates for Perioperative Care

DESCRIPTION:

The measure will identify the percentage of patients undergoing bariatric surgery who received Low Molecular Weight Heparin (LMWH) within 24 hours prior to the incision time.

TYPE:

Process

DOMAIN:

Effective clinical care

NUMERATOR:

All patients in the cohort above the age of 18, who have undergone a primary bariatric surgery and received perioperative Low Molecular Weight Heparin (LMWH) as described in the measure description

DENOMINATOR:

All patients in the cohort above the age of 18 who have undergone a primary bariatric surgery.

DENOMINATOR EXCLUSIONS:

All patients under the age of 18, patients who are undergoing bariatric procedure, but it is not their primary bariatric surgery.

RATIONALE:

Metric of appropriate resource utilization

Non- PQRS Measure #5 (MBSC QCDR-5): MBSC Venous Thromboembolism prophylaxis adherence rates for Postoperative Care

DESCRIPTION:

The measure will identify the percentage of patients undergoing bariatric surgery who received Low Molecular Weight Heparin (LMWH) while hospitalized.

TYPE:

Process

DOMAIN:

Effective clinical care

NUMERATOR:

All patients in the cohort above the age of 18, who have undergone a primary bariatric surgery and received postoperative Low Molecular Weight Heparin (LMWH) as described in the measure description

DENOMINATOR:

All patients in the cohort above the age of 18 who have undergone a primary bariatric surgery.

DENOMINATOR EXCLUSIONS:

All patients under the age of 18, patients who are undergoing bariatric procedure, but it is not their primary bariatric surgery.

RATIONALE:

Metric of appropriate resource utilization

Non-PQRS Measure #6 (MBSC QCDR-6): MBSC Venous Thromboembolism prophylaxis adherence rates for Post-discharge Care

DESCRIPTION:

The measure will identify the percentage of medium/high risk patients undergoing bariatric surgery who received a prescription for Low Molecular Weight Heparin (LMWH) at the time of discharge.

TYPE:

Process

DOMAIN:

Effective clinical care

NUMERATOR:

All patients in the cohort above the age of 18, who have undergone a primary bariatric surgery and received post-discharge Low Molecular Weight Heparin (LMWH) as described in the measure description

DENOMINATOR:

All patients in the cohort above the age of 18 who have undergone a primary bariatric surgery.

DENOMINATOR EXCLUSIONS:

All patients under the age of 18, patients who are undergoing bariatric procedure, but it is not their primary bariatric surgery.

RATIONALE:

Metric of appropriate resource utilization

Non-PQRS Measure #7 (MBSC QCDR-7): Extended Length of Stay (LOS)

DESCRIPTION:

The measure will identify the percentage of patients undergoing bariatric surgery who had an extended LOS defined as Lap-band (>2 days), Lap-RYGB (>3 days), Open- RYGB (>5 days), BPD/DS (if laparoscopic approach >3 days, if open approach then >5 days), Sleeve gastrectomy (if laparoscopic approach then >3 days, if open approach then >5 days)

TYPE:

Outcome

DOMAIN:

Efficiency and cost reduction

NUMERATOR:

All patients in the cohort above the age of 18, who have undergone a primary bariatric surgery and an extended length of stay as described in the measure description

DENOMINATOR:

All patients in the cohort above the age of 18 who have undergone a primary bariatric surgery.

DENOMINATOR EXCLUSIONS:

All patients under the age of 18, patients who are undergoing bariatric procedure, but it is not their primary bariatric surgery.

RATIONALE:

Metric of appropriate resource utilization

Non-PQRS Measure #8 (MBSC QCDR-8): Unplanned Emergency Room (ER) visits

DESCRIPTION:

The measure will identify the percentage of patients undergoing bariatric surgery who had an unplanned hospital ER visit within 30 days of bariatric procedure.

TYPE:

Outcome

DOMAIN:

Efficiency and cost reduction

NUMERATOR:

All patients in the cohort above the age of 18, who have undergone a primary bariatric surgery and had an unplanned Emergency Room (ER) visit as described in the measure description

DENOMINATOR:

All patients in the cohort above the age of 18 who have undergone a primary bariatric surgery.

DENOMINATOR EXCLUSIONS:

All patients under the age of 18, patients who are undergoing bariatric procedure, but it is not their primary bariatric surgery.

RATIONALE:

Metric of safety of medical care

Non-PQRS Measure #9 (MBSC QCDR-9): Unplanned Hospital Readmission within 30 days of the principal procedure

DESCRIPTION:

The measure will identify the percentage of patients undergoing bariatric surgery who had an unplanned hospital readmission within 30 days of bariatric procedure.

TYPE:

Outcome

DOMAIN:

Efficiency and cost reduction

NUMERATOR:

All patients in the cohort above the age of 18, who have undergone a primary bariatric surgery and had an unplanned hospital readmission as described in the measure description

DENOMINATOR:

All patients in the cohort above the age of 18 who have undergone a primary bariatric surgery.

DENOMINATOR EXCLUSIONS:

All patients under the age of 18, patients who are undergoing bariatric procedure, but it is not their primary bariatric surgery.

RATIONALE:

Metric of safety of medical care