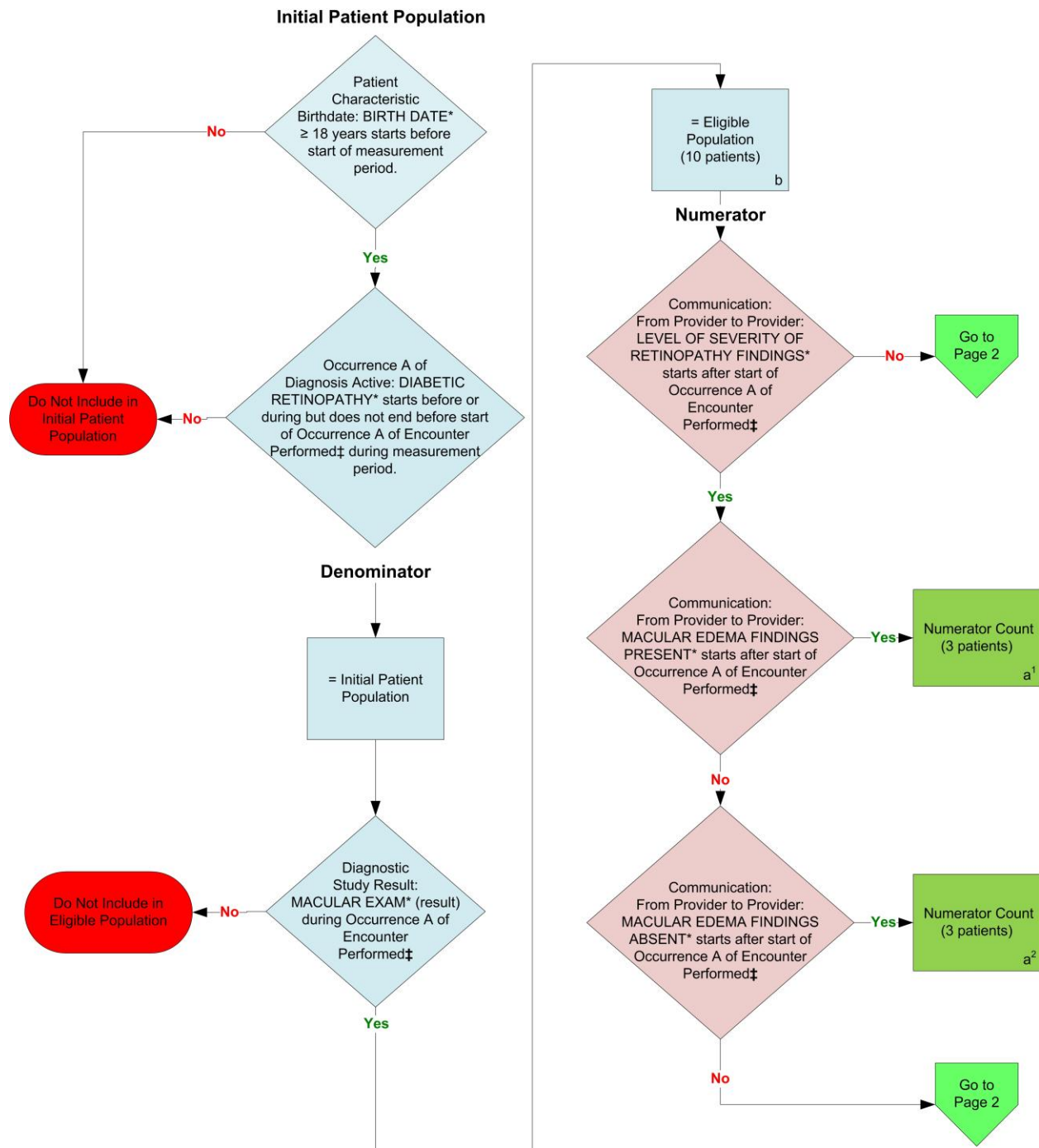
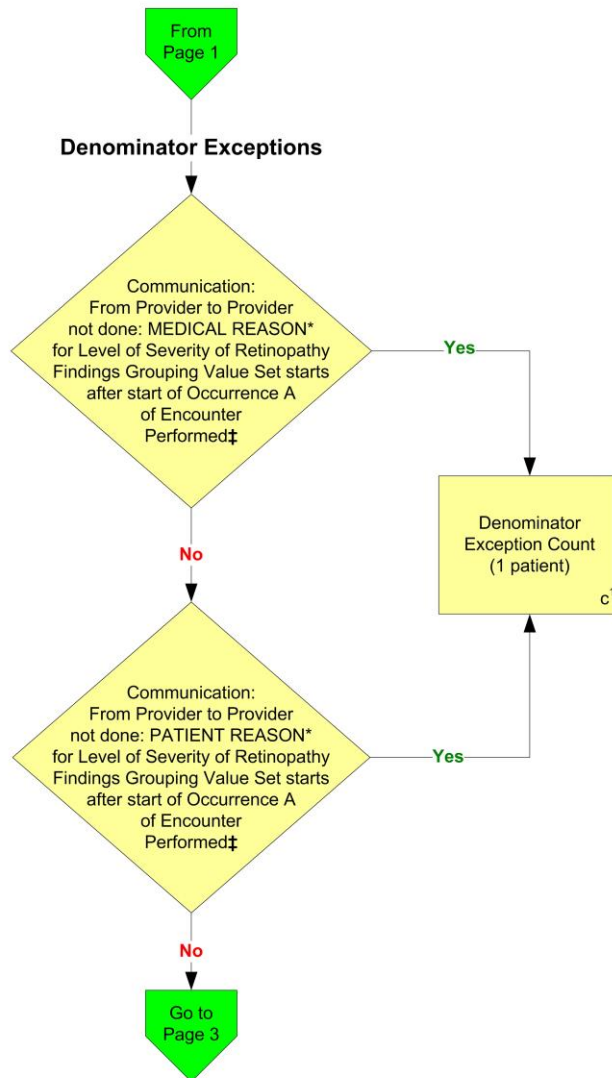


2014 eCQM Flow
Measure Identifier: CMS142v3



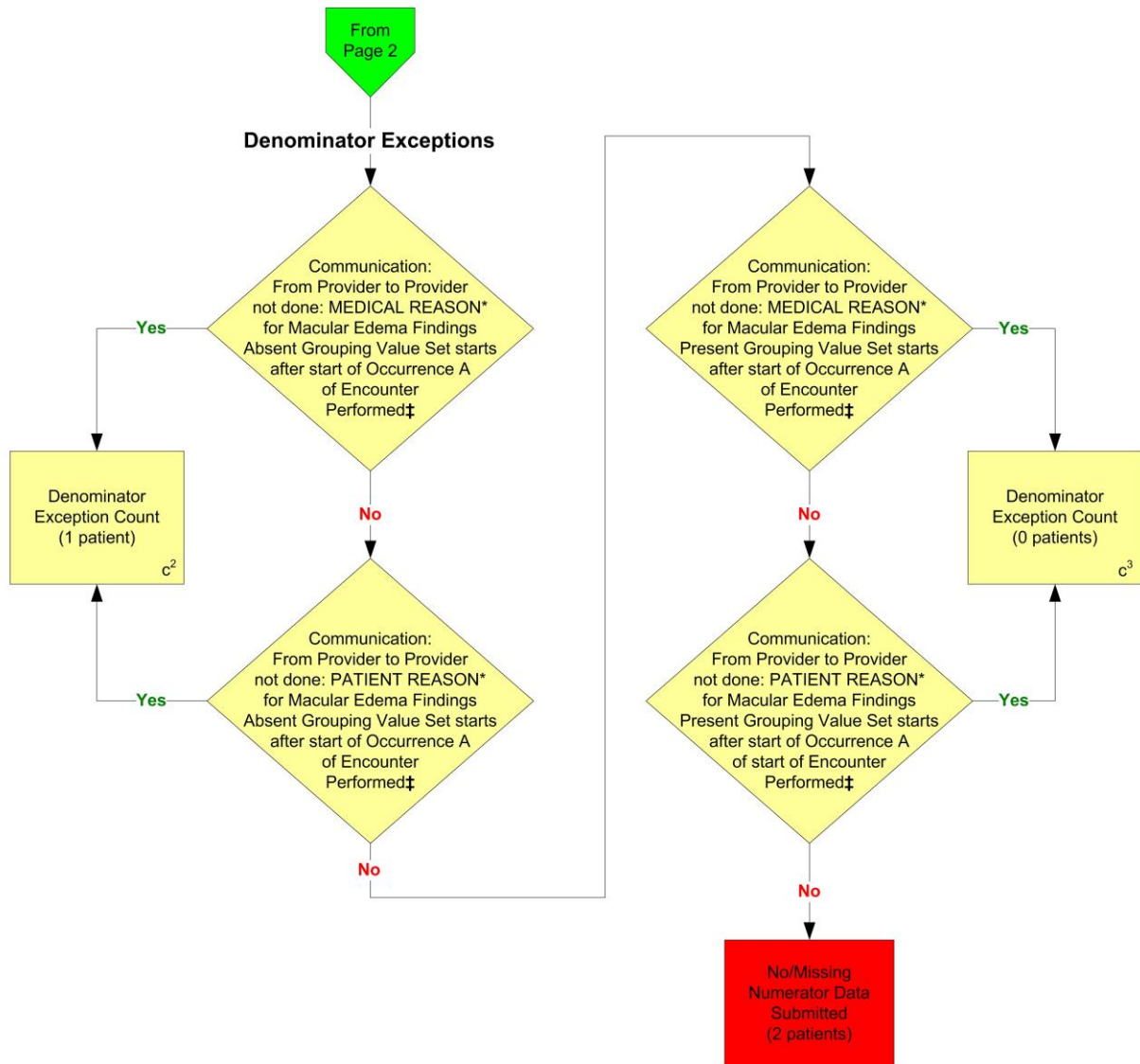
*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.
 ‡Appropriate encounters include: Ophthalmological Services, Care Services in Long-Term Residential Facility, Nursing Facility Visit, Office Visit, Outpatient Consultation, Face-to-Face Interaction.

2014 eCQM Flow
Measure Identifier: CMS142v3
NQF 0089: Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.
‡Appropriate encounters include: Ophthalmological Services, Care Services in Long-Term Residential Facility, Nursing Facility Visit, Office Visit, Outpatient Consultation, Face-to-Face Interaction.

2014 eCQM Flow
Measure Identifier: CMS142v3
NQF 0089: Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.
‡ Appropriate encounters include; Ophthalmological Services, Care Services in Long-Term Residential Facility, Nursing Facility Visit, Office Visit, Outpatient Consultation, Face-to-Face Interaction.

SAMPLE CALCULATION:

Performance Rate =

$$\frac{\text{Numerator (a}^1 + \text{a}^2 = 6 \text{ patients)}}{\text{Denominator (b = 10 patients) – Denominator Exclusions (N/A) – Denominator Exceptions (c}^1 + \text{c}^2 + \text{c}^3 = 2 \text{ patients)}} = 75.00\%$$

2014 eCQM Flows

Measure Identifier: CMS142v3

NQF 0089: Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care

Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

1. Start Initial Patient Population
2. Check Patient Characteristic Birth date:
 - a. If the QDM data element, BIRTH DATE, greater than or equal to 18 years starts before start of measurement period, equals No, do not include in Initial Patient Population. Stop Processing.
 - b. If the QDM data element, BIRTH DATE, greater than or equal to 18 years starts before start of measurement period, equals Yes, proceed to check Diagnosis Active.
3. Check Diagnosis Active:
 - a. If Occurrence A of the QDM data element, DIABETIC RETINOPATHY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, during measurement period equals No, proceed to check next Diagnosis Active.
 - b. If Occurrence A of the QDM data element, DIABETIC RETINOPATHY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, during measurement period equals Yes, proceed to Denominator.
 - c. If Occurrence A of the QDM data element, DIABETIC RETINOPATHY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during measurement period equals No, proceed to check next Diagnosis Active.
 - d. If Occurrence A of the QDM data element, DIABETIC RETINOPATHY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during measurement period equals Yes, proceed to Denominator.
 - e. If Occurrence A of the QDM data element, DIABETIC RETINOPATHY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals No, proceed to check next Diagnosis Active.
 - f. If Occurrence A of the QDM data element, DIABETIC RETINOPATHY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals Yes, proceed to Denominator.
 - g. If Occurrence A of the QDM data element, DIABETIC RETINOPATHY, starts before or during but does not end before start of Occurrence A of Encounter

- Performed QDM data element, OFFICE VISIT, during measurement period equals No, proceed to check next Diagnosis Active.
 - h. If Occurrence A of the QDM data element, DIABETIC RETINOPATHY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, during measurement period equals Yes, proceed to Denominator.
 - i. If Occurrence A of the QDM data element, DIABETIC RETINOPATHY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, during measurement period equals No, proceed to check next Diagnosis Active.
 - j. If Occurrence A of the QDM data element, DIABETIC RETINOPATHY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, during measurement period equals Yes, proceed to Denominator.
 - k. If Occurrence A of the QDM data element, DIABETIC RETINOPATHY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, during measurement period equals No, do not include in Initial Patient Population. Stop Processing.
 - l. If Occurrence A of the QDM data element, DIABETIC RETINOPATHY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, during measurement period equals Yes, proceed to Denominator.
4. Start Denominator
- a. Denominator equals the Initial Patient Population.
5. Check Diagnostic Study Result:
- a. If the QDM data element, MACULAR EXAM (result), during Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals No, proceed to check next Diagnostic Study Result.
 - b. If the QDM data element, MACULAR EXAM (result), during Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 10 patients. Proceed to the Numerator.
 - c. If the QDM data element, MACULAR EXAM (result), during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Diagnostic Study Result.
 - d. If the QDM data element, MACULAR EXAM (result), during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 10 patients. Proceed to the Numerator.
 - e. If the QDM data element, MACULAR EXAM (result), during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Diagnostic Study Result.
 - f. If the QDM data element, MACULAR EXAM (result), during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals

Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 10 patients. Proceed to the Numerator.

- g. If the QDM data element, MACULAR EXAM (result), during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Diagnostic Study Result.
- h. If the QDM data element, MACULAR EXAM (result), during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 10 patients. Proceed to the Numerator.
- i. If the QDM data element, MACULAR EXAM (result), during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Diagnostic Study Result.
- j. If the QDM data element, MACULAR EXAM (result), during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 10 patients. Proceed to the Numerator.
- k. If the QDM data element, MACULAR EXAM (result), during Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, do not include in the Eligible Population Count. Stop Processing.
- l. If the QDM data element, MACULAR EXAM (result), during Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 10 patients. Proceed to the Numerator.

6. Start Numerator

7. Check Communication: From Provider to Provider:

- a. If the QDM data element, LEVEL OF SEVERITY OF RETINOPATHY FINDINGS, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals No, proceed to check next Communication: From Provider to Provider.
- b. If the QDM data element, LEVEL OF SEVERITY OF RETINOPATHY FINDINGS, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals Yes, proceed check next Communication: From Provider to Provider.
- c. If the QDM data element, LEVEL OF SEVERITY OF RETINOPATHY FINDINGS, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Communication: From Provider to Provider.
- d. If the QDM data element, LEVEL OF SEVERITY OF RETINOPATHY FINDINGS, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, proceed to check next Communication: From Provider to Provider.
- e. If the QDM data element, LEVEL OF SEVERITY OF RETINOPATHY FINDINGS, starts after start of Occurrence A of Encounter Performed QDM data element,

- NURSING FACILITY VISIT, equals No, proceed to check next Communication: From Provider to Provider.
- f. If the QDM data element, LEVEL OF SEVERITY OF RETINOPATHY FINDINGS, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, proceed to check next Communication: From Provider to Provider.
 - g. If the QDM data element, LEVEL OF SEVERITY OF RETINOPATHY FINDINGS, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Communication: From Provider to Provider.
 - h. If the QDM data element, LEVEL OF SEVERITY OF RETINOPATHY FINDINGS, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, proceed to check next Communication: From Provider to Provider.
 - i. If the QDM data element, LEVEL OF SEVERITY OF RETINOPATHY FINDINGS, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Communication: From Provider to Provider.
 - j. If the QDM data element, LEVEL OF SEVERITY OF RETINOPATHY FINDINGS, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, proceed to check next Communication: From Provider to Provider.
 - k. If the QDM data element, LEVEL OF SEVERITY OF RETINOPATHY FINDINGS, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, do not include in the Numerator and proceed to Denominator Exceptions.
 - l. If the QDM data element, LEVEL OF SEVERITY OF RETINOPATHY FINDINGS, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, proceed to check next Communication: From Provider to Provider.
8. Check Communication: From Provider to Provider:
- a. If the QDM data element, MACULAR EDEMA FINDINGS PRESENT, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals No, proceed to check next Communication: From Provider to Provider.
 - b. If the QDM data element, MACULAR EDEMA FINDINGS PRESENT, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A¹ equals 3 patients in the sample calculation. Stop Processing.
 - c. If the QDM data element, MACULAR EDEMA FINDINGS PRESENT, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Communication: From Provider to Provider.
 - d. If the QDM data element, MACULAR EDEMA FINDINGS PRESENT, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation

- listed at the end of this document. Letter A¹ equals 3 patients in the sample calculation. Stop Processing.
- e. If the QDM data element, MACULAR EDEMA FINDINGS PRESENT, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Communication: From Provider to Provider.
 - f. If the QDM data element, MACULAR EDEMA FINDINGS PRESENT, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A¹ equals 3 patients in the sample calculation. Stop Processing.
 - g. If the QDM data element, MACULAR EDEMA FINDINGS PRESENT, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Communication: From Provider to Provider.
 - h. If the QDM data element, MACULAR EDEMA FINDINGS PRESENT, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A¹ equals 3 patients in the sample calculation. Stop Processing.
 - i. If the QDM data element, MACULAR EDEMA FINDINGS PRESENT, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Communication: From Provider to Provider.
 - j. If the QDM data element, MACULAR EDEMA FINDINGS PRESENT, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A¹ equals 3 patients in the sample calculation. Stop Processing.
 - k. If the QDM data element, MACULAR EDEMA FINDINGS PRESENT, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, proceed check next Communication: From Provider to Provider.
 - l. If the QDM data element, MACULAR EDEMA FINDINGS PRESENT, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A¹ equals 3 patients in the sample calculation. Stop Processing.
9. Check Communication: From Provider to Provider:
 - a. If the QDM data element, MACULAR EDEMA FINDINGS ABSENT, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals No, proceed to check next Communication: From Provider to Provider.
 - b. If the QDM data element, MACULAR EDEMA FINDINGS ABSENT, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A² equals 3 patients in the sample calculation. Stop Processing.

- c. If the QDM data element, MACULAR EDEMA FINDINGS ABSENT, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Communication: From Provider to Provider.
 - d. If the QDM data element, MACULAR EDEMA FINDINGS ABSENT, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A² equals 3 patients in the sample calculation. Stop Processing.
 - e. If the QDM data element, MACULAR EDEMA FINDINGS ABSENT, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Communication: From Provider to Provider.
 - f. If the QDM data element, MACULAR EDEMA FINDINGS ABSENT, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A² equals 3 patients in the sample calculation. Stop Processing.
 - g. If the QDM data element, MACULAR EDEMA FINDINGS ABSENT, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Communication: From Provider to Provider.
 - h. If the QDM data element, MACULAR EDEMA FINDINGS ABSENT, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A² equals 3 patients in the sample calculation. Stop Processing.
 - i. If the QDM data element, MACULAR EDEMA FINDINGS ABSENT, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Communication: From Provider to Provider.
 - j. If the QDM data element, MACULAR EDEMA FINDINGS ABSENT, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A² equals 3 patients in the sample calculation. Stop Processing.
 - k. If the QDM data element, MACULAR EDEMA FINDINGS ABSENT, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, proceed to check Denominator Exceptions.
 - l. If the QDM data element, MACULAR EDEMA FINDINGS ABSENT, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A² equals 3 patients in the sample calculation. Stop Processing.
10. Check Denominator Exceptions
11. Check Communication: From Provider to Provider Not Done:

- a. If the QDM data element, MEDICAL REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals No, proceed to check next Communication: From Provider to Provider Not Done.
- b. If the QDM data element, MEDICAL REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing
- c. If the QDM data element, MEDICAL REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Communication: From Provider to Provider Not Done.
- d. If the QDM data element, MEDICAL REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
- e. If the QDM data element, MEDICAL REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Communication: From Provider to Provider Not Done.
- f. If the QDM data element, MEDICAL REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
- g. If the QDM data element, MEDICAL REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Communication: From Provider to Provider Not Done.
- h. If the QDM data element, MEDICAL REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
- i. If the QDM data element, MEDICAL REASON, for Macular Exam Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Communication: From Provider to Provider Not Done.
- j. If the QDM data element, MEDICAL REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exclusion Count, which is represented by

- letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
- k. If the QDM data element, MEDICAL REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, proceed to check Line 13, check Communication: From Provider to Provider Not Done.
 - l. If the QDM data element, MEDICAL REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
12. Check Communication: From Provider to Provider Not Done:
- a. If the QDM data element, PATIENT REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - b. If the QDM data element, PATIENT REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing
 - c. If the QDM data element, PATIENT REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - d. If the QDM data element, PATIENT REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
 - e. If the QDM data element, PATIENT REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - f. If the QDM data element, PATIENT REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
 - g. If the QDM data element, PATIENT REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of

- Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Communication: From Provider to Provider Not Done.
- h. If the QDM data element, PATIENT REASON, for Macular Exam Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
 - i. If the QDM data element, PATIENT REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - j. If the QDM data element, PATIENT REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
 - k. If the QDM data element, PATIENT REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - l. If the QDM data element, PATIENT REASON, for Level of Severity of Retinopathy Findings Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
13. Check Communication: From Provider to Provider Not Done:
- a. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - b. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing
 - c. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - d. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exclusion Count,

which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing.

- e. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - f. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing.
 - g. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - h. If the QDM data element, MEDICAL REASON, Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing.
 - i. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - j. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing.
 - k. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - l. If the QDM data element, MEDICAL REASON, Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing.
14. Check Communication: From Provider to Provider Not Done:
- a. If the QDM data element, PATIENT REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - b. If the QDM data element, PATIENT REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals Yes,

include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing

- c. If the QDM data element, PATIENT REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Communication: From Provider to Provider Not Done.
- d. If the QDM data element, PATIENT REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing.
- e. If the QDM data element, PATIENT REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Communication: From Provider to Provider Not Done.
- f. If the QDM data element, PATIENT REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing.
- g. If the QDM data element, PATIENT REASON, Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Communication: From Provider to Provider Not Done.
- h. If the QDM data element, PATIENT REASON, for Macular Exam Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing.
- i. If the QDM data element, PATIENT REASON, Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Communication: From Provider to Provider Not Done.
- j. If the QDM data element, PATIENT REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing.
- k. If the QDM data element, PATIENT REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, proceed to check next Communication: From Provider to Provider Not Done.
- l. If the QDM data element, PATIENT REASON, for Macular Edema Findings Absent Grouping Value Set, starts after start of Occurrence A of Encounter

Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing.

15. Check Communication: From Provider to Provider Not Done:
 - a. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - b. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing
 - c. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - d. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.
 - e. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - f. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.
 - g. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - h. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.
 - i. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter

- Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - j. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.
 - k. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - l. If the QDM data element, MEDICAL REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.
- 16. Check Communication: From Provider to Provider Not Done:
 - a. If the QDM data element, PATIENT REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - b. If the QDM data element, PATIENT REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OPHTHALMOLOGICAL SERVICES, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing
 - c. If the QDM data element, PATIENT REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - d. If the QDM data element, PATIENT REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.
 - e. If the QDM data element, PATIENT REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - f. If the QDM data element, PATIENT REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample

- calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.
- g. If the QDM data element, PATIENT REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - h. If the QDM data element, PATIENT REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.
 - i. If the QDM data element, PATIENT REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Communication: From Provider to Provider Not Done.
 - j. If the QDM data element, PATIENT REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.
 - k. If the QDM data element, PATIENT REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, include in the No/Missing Data Submitted. Stop Processing.
 - l. If the QDM data element, PATIENT REASON, for Macular Edema Findings Present Grouping Value Set, starts after start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.

SAMPLE CALCULATION:

Performance Rate

Numerator ($a^1 + a^2 = 6$ patients)

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Denominator ($b = 10$ patients) – *Denominator Exclusions (N/A)* – Denominator Exceptions ($c^1 + c^2 + c^3 = 2$ patients)

= **75.00%**