

Obstetrical ultrasound examination

Clinical Policy ID: CCP.8006.04

Recent review date: 7/2020

Next review date: 7/2022

Policy contains: Anomaly; high-risk pregnancy; multiple gestation; pregnancy

AmeriHealth Caritas Louisiana has developed clinical policies to assist with making coverage determinations. AmeriHealth Caritas Louisiana's clinical policies are based on guidelines from established industry sources, such as the Centers for Medicare & Medicaid Services (CMS), state regulatory agencies, the American Medical Association (AMA), medical specialty professional societies, and peer-reviewed professional literature. These clinical policies along with other sources, such as plan benefits and state and federal laws and regulatory requirements, including any state- or plan-specific definition of "medically necessary," and the specific facts of the particular situation are considered by AmeriHealth Caritas Louisiana when making coverage determinations. In the event of conflict between this clinical policy and plan benefits and/or state or federal laws and/or regulatory requirements, the plan benefits and/or state and federal laws and/or regulatory requirements shall control. AmeriHealth Caritas Louisiana's clinical policies are for informational purposes only and not intended as medical advice or to direct treatment. Physicians and other health care providers are solely responsible for the treatment decisions for their patients. AmeriHealth Caritas Louisiana's clinical policies are reflective of evidence-based medicine at the time of review. As medical science evolves, AmeriHealth Caritas Louisiana will update its clinical policies as necessary. AmeriHealth Caritas Louisiana's clinical policies are not guarantees of payment.

Coverage policy

Obstetrical ultrasound to evaluate, detect, and monitor fetal development during pregnancy is considered medically necessary. The plan will cover two (2) obstetric ultrasound examinations per pregnancy (or as otherwise required by state law, regulation, state Medicaid contract, or provider contract) without prior authorization.

- Obstetrical ultrasounds in excess of two per pregnancy are medically necessary for high-risk pregnancies. The claim should include the appropriate ICD-10-CM high-risk diagnosis. Prior authorization is not required.
- Obstetrical ultrasounds performed in an emergency department (place of service 23) do not count toward the per pregnancy ultrasound total and do not require prior authorization..
- Inpatient obstetrical ultrasounds do not count toward the per pregnancy ultrasound total and do not require prior authorization.

Obstetrical ultrasound codes addressed under this policy include, but not necessarily limited to: 76801, 76802, 76805, 76810, 76811, 76812, 76813, 76814, 76815, 76816, 76817, and 76819.

Limitations

- Obstetric ultrasound examinations are not considered medically necessary for the purpose of determining fetal sex or for production of photographic memory keepsakes (American College of Obstetricians and Gynecologists 2016).

- Three-dimensional (3-D) or four-dimensional (4-D) ultrasounds are investigational and therefore not considered medically necessary (American College of Obstetricians and Gynecologists, 2016).

Background

The use of low-power obstetrical ultrasound has proved useful to obstetricians to assess anatomic fetal development and growth, screen for evidence of aneuploidy or screen for other obstetrical abnormalities, such as amniotic fluid volume, and cervical or placental concerns. However, there is controversy about the appropriateness of their use. The number of ultrasounds in pregnancy increased from 1.5 examinations per pregnancy in 1995 – 1997 to 2.7 ultrasounds per pregnancy in 2005 – 2006, with increases among both low-risk and high-risk pregnancies (Siddique, 2009).

Findings

Two professional guidelines form the basis for this policy: those from American College of Radiology/American College of Obstetricians and Gynecologists/American Institute of Ultrasound in Medicine/Society of Radiologists in Ultrasound and those from the American College of Obstetricians and Gynecologists.

The American College of Radiology/American College of Obstetricians and Gynecologists/American Institute of Ultrasound in Medicine/Society of Radiologists in Ultrasound practice guidelines, most recently revised in 2018, recommend that “fetal ultrasound should be performed only when there is a valid medical reason, and the lowest possible ultrasonic exposure settings should be used to gain the necessary diagnostic information.” Ultrasound examinations are performed within different obstetrical trimesters for different conditions. The list of indications was developed on a consensus basis, and includes:

The American College of Radiology and its collaborations list standard indications for first trimester ultrasound examinations as including:

- Confirmation of the presence of an intrauterine pregnancy.
- Confirmation of cardiac activity.
- Estimation of gestational age.
- Diagnosis or evaluation of multiple gestations, including determination of chorionicity.
- Evaluation of a suspected ectopic pregnancy.
- Evaluating the cause of vaginal bleeding.
- Evaluation of pelvic pain.
- Evaluation of suspected gestational trophoblastic disease.
- Assessing for certain fetal anomalies, such as anencephaly.
- Measuring the nuchal translucency when part of a screening program for fetal aneuploidy.
- Imaging as an adjunct to chorionic villus sampling, embryo transfer, and localization and removal of an intrauterine device.
- Evaluation of maternal pelvic masses and/or uterine abnormalities.
- The American College of Radiology and its collaborations list standard indications for second and third semester ultrasound examination are to assess fetal anatomy and biometry. Additional indications include the following:
 - Screening for fetal anomalies.
 - Evaluation of fetal anatomy.
 - Estimation of gestational age.
 - Evaluation of suspected multiple gestation.
 - Evaluation of cervical length.

- Evaluation of fetal growth.
- Evaluation of significant discrepancy between uterine size and clinical dates.
- Determination of fetal presentation.
- Evaluation of fetal well-being.
- Suspected amniotic fluid abnormalities.
- Evaluation of premature rupture of membranes and/or premature labor.
- Evaluation of vaginal bleeding.
- Evaluation of abdominal or pelvic pain.
- Suspected placental abruption.
- Suspected fetal death.
- Follow-up evaluation of a fetal anomaly.
- Evaluation/follow-up of placental appearance and location. Includes suspected placenta previa, vasa previa, and abnormally adherent placenta.
- Adjunct to amniocentesis or other procedure.
- Adjunct to external cephalic version.
- Evaluation of suspected gestational trophoblastic disease.
- Evaluation of pelvic mass.
- Suspected uterine anomalies (American College of Radiology, 2018).

The American College of Obstetricians and Gynecologists' most recent update of its Practice Bulletin for ultrasound in pregnancy was published in 2016, and cites a previous version of American College of Radiology guidelines amended in 2014. The American College of Obstetricians and Gynecologists lists indications for ultrasound in the first semester of pregnancy as including the following:

- To confirm the presence of an intrauterine pregnancy.
- To evaluate a suspected ectopic pregnancy.
- To evaluate vaginal bleeding.
- To evaluate pelvic pain.
- To estimate gestational age.
- To diagnose or evaluate multiple gestations.
- To confirm cardiac activity.
- As adjunct to chorionic villus sampling, embryo transfer, or localization and removal of an intrauterine device.
- To assess for certain fetal anomalies, such as anencephaly, in patients at high risk.
- To evaluate maternal pelvic or adnexal masses or uterine abnormalities.
- To screen for fetal aneuploidy.
- To evaluate suspected hydatidiform mole.
- The American College of Obstetricians and Gynecologists lists indications for second- and third-trimester ultrasonography as including, but not limited to, the following:
 - Screening for fetal anomalies.
 - Evaluation of fetal anatomy.
 - Estimation of gestational age.
 - Evaluation of fetal growth.
 - Evaluation of vaginal bleeding.
 - Evaluation of abdominal or pelvic pain.
 - Evaluation of cervical insufficiency.

- Determination of fetal presentation.
- Evaluation of suspected multiple gestation.
- Adjunct to amniocentesis or other procedure.
- Evaluation of a significant discrepancy between uterine size and clinical dates.
- Evaluation of a pelvic mass.
- Evaluation of a suspected hydatidiform mole.
- Adjunct to cervical cerclage placement.
- Suspected ectopic pregnancy.
- Suspected fetal death.
- Suspected uterine abnormalities.
- Evaluation of fetal well-being.
- Suspected amniotic fluid abnormalities.
- Suspected placental abruption.
- Adjunct to external cephalic version.
- Evaluation of prelabor rupture of membranes or premature labor:
- Evaluation of abnormal biochemical markers.
- Follow-up evaluation of a fetal anomaly.
- Follow-up evaluation of placental location for suspected placenta previa.
- History of previous congenital anomaly.
- Evaluation of the fetal condition in late registrants for prenatal care.
- Assessment for findings that may increase the risk of aneuploidy (American College of Obstetricians and Gynecologists, 2016).

References

On June 24, 2020, we searched PubMed and the databases of the Cochrane Library, the U.K. National Health Services Centre for Reviews and Dissemination, the Agency for Healthcare Research and Quality, and the Centers for Medicare & Medicaid Services. Search terms were “obstetrical ultrasound.” We included the best available evidence according to established evidence hierarchies (typically systematic reviews, meta-analyses, and full economic analyses, where available) and professional guidelines based on such evidence and clinical expertise.

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Policy updates

7/2020: initial review date and clinical policy effective date: 8/2020

Appendix

High Risk ICD-10-CM Fetal Ultrasound Diagnosis codes:

A92.5	F10.259	F11.951	F13.20	F14.19	F15.251	F16.951	F18.94	F19.988	O00.112
D56.0	F10.26	F11.959	F13.21	F14.20	F15.259	F16.959	F18.950	M32.0	O00.119
D56.1	F10.27	F11.981	F13.220	F14.21	F15.280	F16.980	F18.951	M32.10	O00.211
D56.2	F10.280	F11.982	F13.221	F14.220	F15.281	F16.983	F18.959	M32.11	O00.212
D56.3	F10.281	F11.988	F13.229	F14.221	F15.282	F16.988	F18.97	M32.12	O00.219
D56.4	F10.282	F12.120	F13.230	F14.222	F15.288	F17.200	F18.980	M32.13	O00.81
D56.5	F10.288	F12.121	F13.231	F14.229	F15.29	F17.201	F18.988	M32.14	O00.91
D56.8	F10.29	F12.122	F13.232	F14.23	F15.920	F17.203	F18.99	M32.15	O09.211
D56.9	F10.920	F12.129	F13.239	F14.24	F15.921	F17.208	F19.121	M32.19	O09.212
D57.00	F10.921	F12.150	F13.24	F14.250	F15.922	F17.210	F19.122	M32.8	O09.213
D57.01	F10.94	F12.151	F13.250	F14.251	F15.929	F17.211	F19.14	M32.9	O09.219
D57.02	F10.950	F12.159	F13.251	F14.259	F15.93	F17.213	F19.150	M33.00	O09.291
D57.1	F10.951	F12.180	F13.259	F14.280	F15.94	F17.218	F19.151	M33.01	O09.292
D57.20	F10.959	F12.188	F13.26	F14.281	F15.950	F17.219	F19.16	M33.02	O09.293
D57.211	F10.96	F12.19	F13.27	F14.282	F15.951	F17.220	F19.17	M33.03	O09.299
D57.212	F10.97	F12.20	F13.280	F14.288	F15.959	F17.221	F19.180	M33.09	O09.30
D57.219	F10.980	F12.21	F13.281	F14.29	F15.980	F17.223	F19.181	M33.10	O09.32
D57.3	F10.982	F12.220	F13.282	F14.920	F15.981	F17.228	F19.182	M33.11	O09.33
D57.40	F10.988	F12.221	F13.288	F14.921	F15.982	F17.229	F19.188	M33.12	O09.40
D57.411	F10.99	F12.222	F13.29	F14.922	F15.988	F17.290	F19.19	M33.13	O09.41
D57.412	F11.10	F12.229	F13.90	F14.929	F15.99	F17.291	F19.20	M33.19	O09.42
D57.419	F11.11	F12.23	F13.920	F14.94	F16.10	F17.293	F19.21	M33.20	O09.43
D57.80	F11.120	F12.250	F13.921	F14.950	F16.11	F17.298	F19.220	M33.21	O09.511

D57.811	F11.121	F12.251	F13.929	F14.951	F16.120	F17.299	F19.221	M33.22	O09.512
D57.812	F11.122	F12.259	F13.930	F14.959	F16.121	F18.10	F19.222	M33.29	O09.513
D57.819	F11.129	F12.280	F13.931	F14.980	F16.122	F18.11	F19.230	M33.90	O09.519
E41	F11.14	F12.288	F13.932	F14.982	F16.129	F18.120	F19.231	M33.91	O09.521
E43	F11.150	F12.29	F13.939	F14.988	F16.14	F18.121	F19.232	M33.92	O09.522
E44.0	F11.151	F12.90	F13.94	F14.99	F16.150	F18.129	F19.239	M33.93	O09.523
E66.01	F11.159	F12.920	F13.950	F15.10	F16.151	F18.14	F19.24	M33.99	O09.529
F10.10	F11.182	F12.921	F13.951	F15.11	F16.159	F18.150	F19.250	M34.0	O09.811
F10.120	F11.188	F12.922	F13.959	F15.120	F16.180	F18.151	F19.251	M34.1	O09.812
F10.121	F11.19	F12.929	F13.96	F15.121	F16.183	F18.159	F19.26	M34.2	O09.813
F10.129	F11.20	F12.93	F13.97	F15.122	F16.188	F18.17	F19.27	M34.81	O09.819
F10.14	F11.21	F12.950	F13.980	F15.129	F16.19	F18.180	F19.280	M34.82	O09.891
F10.150	F11.220	F12.951	F13.981	F15.14	F16.20	F18.188	F19.281	M34.83	O09.892
F10.151	F11.221	F12.959	F13.982	F15.150	F16.21	F18.19	F19.282	M34.89	O09.893
F10.159	F11.222	F12.980	F13.988	F15.151	F16.220	F18.20	F19.288	M34.9	O09.899
F10.180	F11.229	F12.988	F13.99	F15.159	F16.221	F18.21	F19.29	M35.00	O09.90
F10.181	F11.23	F13.10	F14.10	F15.180	F16.229	F18.220	F19.921	M35.01	O09.91
F10.182	F11.24	F13.11	F14.11	F15.181	F16.24	F18.221	F19.922	M35.02	O09.92
F10.188	F11.250	F13.120	F14.120	F15.182	F16.250	F18.229	F19.929	M35.03	O09.93
F10.20	F11.251	F13.121	F14.121	F15.188	F16.251	F18.24	F19.930	M35.04	O10.011
F10.21	F11.259	F13.129	F14.122	F15.19	F16.259	F18.250	F19.931	M35.09	O10.012
F10.220	F11.282	F13.14	F14.129	F15.20	F16.280	F18.251	F19.932	M35.1	O10.013
F10.221	F11.288	F13.150	F14.14	F15.21	F16.283	F18.259	F19.939	M35.5	O10.019
F10.230	F11.920	F13.151	F14.150	F15.220	F16.288	F18.27	F19.94	M35.8	O10.111
F10.231	F11.921	F13.159	F14.151	F15.221	F16.29	F18.280	F19.950	M35.9	O10.112
F10.232	F11.922	F13.180	F14.159	F15.222	F16.920	F18.288	F19.951	M36.0	O10.113
F10.239	F11.929	F13.181	F14.180	F15.229	F16.921	F18.29	F19.96	M36.8	O10.119
F10.24	F11.93	F13.182	F14.181	F15.23	F16.929	F18.920	F19.97	N18.9	O10.211
F10.250	F11.94	F13.188	F14.182	F15.24	F16.94	F18.921	F19.980	O00.01	O10.212
F10.251	F11.950	F13.19	F14.188	F15.250	F16.950	F18.929	F19.982	O00.111	O10.213
O10.219	O21.1	O26.613	O30.021	O30.292	O31.21X5	O31.8X23	O34.32	O35.8XX2	O36.0929
O10.311	O22.50	O26.619	O30.022	O30.293	O31.21X9	O31.8X24	O34.33	O35.8XX3	O36.0930
O10.312	O22.51	O26.831	O30.023	O30.299	O31.22X0	O31.8X25	O35.0XX0	O35.8XX4	O36.0931
O10.313	O22.52	O26.832	O30.029	O30.801	O31.22X1	O31.8X29	O35.0XX1	O35.8XX5	O36.0932
O10.319	O22.53	O26.833	O30.031	O30.802	O31.22X2	O31.8X30	O35.0XX2	O35.8XX9	O36.0933
O10.411	O23.00	O26.839	O30.032	O30.803	O31.22X3	O31.8X31	O35.0XX3	O35.9XX0	O36.0934
O10.412	O23.01	O26.841	O30.033	O30.809	O31.22X4	O31.8X32	O35.0XX4	O35.9XX1	O36.0935
O10.413	O23.02	O26.842	O30.039	O30.811	O31.22X5	O31.8X33	O35.0XX5	O35.9XX2	O36.0939
O10.419	O23.03	O26.843	O30.041	O30.812	O31.22X9	O31.8X34	O35.0XX9	O35.9XX3	O36.0990
O10.911	O24.011	O26.849	O30.042	O30.813	O31.23X0	O31.8X35	O35.1XX0	O35.9XX4	O36.0991
O10.912	O24.012	O26.851	O30.043	O30.819	O31.23X1	O31.8X39	O35.1XX1	O35.9XX5	O36.0992
O10.913	O24.013	O26.852	O30.049	O30.821	O31.23X2	O31.8X90	O35.1XX2	O35.9XX9	O36.0993
O10.919	O24.019	O26.853	O30.091	O30.822	O31.23X3	O31.8X91	O35.1XX3	O36.0110	O36.0994
O11.1	O24.111	O26.859	O30.092	O30.823	O31.23X4	O31.8X92	O35.1XX4	O36.0111	O36.0995
O11.2	O24.112	O26.872	O30.093	O30.829	O31.23X5	O31.8X93	O35.1XX5	O36.0112	O36.0999
O11.3	O24.113	O26.873	O30.099	O30.831	O31.23X9	O31.8X94	O35.1XX9	O36.0113	O36.1110
O12.00	O24.119	O26.879	O30.101	O30.832	O31.30X1	O31.8X95	O35.2XX0	O36.0114	O36.1111
O12.01	O24.311	O28.3	O30.102	O30.833	O31.30X2	O31.8X99	O35.2XX1	O36.0115	O36.1112
O12.02	O24.312	O28.5	O30.103	O30.839	O31.30X3	O32.0XX3	O35.2XX2	O36.0119	O36.1113
O12.03	O24.313	O28.8	O30.109	O30.891	O31.30X4	O32.0XX4	O35.2XX3	O36.0120	O36.1114
O12.10	O24.319	O28.9	O30.111	O30.892	O31.30X5	O32.0XX5	O35.2XX4	O36.0121	O36.1115
O12.11	O24.414	O29.011	O30.112	O30.893	O31.30X9	O32.0XX9	O35.2XX5	O36.0122	O36.1119

O12.12	O24.415	O29.012	O30.113	O30.899	O31.31X0	O32.1XX0	O35.2XX9	O36.0123	O36.1120
O12.13	O24.811	O29.013	O30.119	O30.90	O31.31X1	O32.1XX1	O35.3XX0	O36.0124	O36.1121
O12.20	O24.812	O29.019	O30.121	O30.91	O31.31X2	O32.2XX0	O35.3XX1	O36.0125	O36.1122
O12.21	O24.813	O29.021	O30.122	O30.92	O31.31X3	O32.2XX1	O35.3XX2	O36.0129	O36.1123
O12.22	O24.819	O29.022	O30.123	O30.93	O31.31X4	O32.3XX0	O35.3XX3	O36.0130	O36.1124
O12.23	O24.911	O29.023	O30.129	O31.12X0	O31.31X5	O32.3XX1	O35.3XX4	O36.0131	O36.1125
O13.1	O24.912	O29.029	O30.131	O31.12X1	O31.31X9	O32.6XX0	O35.3XX5	O36.0132	O36.1129
O13.2	O24.913	O29.111	O30.132	O31.12X2	O31.32X0	O32.6XX1	O35.3XX9	O36.0133	O36.1130
O13.3	O24.919	O29.112	O30.133	O31.12X3	O31.32X1	O32.8XX0	O35.4XX0	O36.0134	O36.1131
O13.5	O25.10	O29.113	O30.139	O31.12X4	O31.32X2	O32.8XX1	O35.4XX1	O36.0135	O36.1132
O13.9	O25.11	O29.119	O30.191	O31.12X5	O31.32X3	O32.9XX0	O35.4XX2	O36.0139	O36.1133
O14.00	O25.12	O29.121	O30.192	O31.12X9	O31.32X4	O32.9XX1	O35.4XX3	O36.0190	O36.1134
O14.02	O25.13	O29.122	O30.193	O31.13X0	O31.32X5	O33.6XX0	O35.4XX4	O36.0191	O36.1135
O14.03	O26.10	O29.123	O30.199	O31.13X1	O31.32X9	O33.6XX1	O35.4XX5	O36.0192	O36.1139
O14.10	O26.11	O29.129	O30.201	O31.13X2	O31.33X0	O33.6XX2	O35.4XX9	O36.0193	O36.1190
O14.12	O26.12	O29.211	O30.202	O31.13X3	O31.33X1	O33.6XX3	O35.5XX0	O36.0194	O36.1191
O14.13	O26.13	O29.212	O30.203	O31.13X4	O31.33X2	O33.6XX4	O35.5XX1	O36.0195	O36.1192
O14.20	O26.20	O29.213	O30.209	O31.13X5	O31.33X3	O33.6XX5	O35.5XX2	O36.0199	O36.1193
O14.22	O26.21	O29.219	O30.211	O31.13X9	O31.33X4	O33.6XX9	O35.5XX3	O36.0910	O36.1194
O14.23	O26.22	O29.291	O30.212	O31.20X0	O31.33X5	O33.7XX0	O35.5XX4	O36.0911	O36.1195
O14.90	O26.23	O29.292	O30.213	O31.20X1	O31.33X9	O33.7XX1	O35.5XX5	O36.0912	O36.1199
O14.92	O26.30	O29.293	O30.219	O31.20X2	O31.8X10	O33.7XX2	O35.5XX9	O36.0913	O36.1910
O14.93	O26.31	O29.299	O30.221	O31.20X3	O31.8X11	O33.7XX3	O35.6XX0	O36.0914	O36.1911
O15.00	O26.32	O30.001	O30.222	O31.20X4	O31.8X12	O33.7XX4	O35.6XX1	O36.0915	O36.1912
O15.02	O26.33	O30.002	O30.223	O31.20X5	O31.8X13	O33.7XX5	O35.6XX2	O36.0919	O36.1913
O15.03	O26.40	O30.003	O30.229	O31.20X9	O31.8X14	O33.7XX9	O35.6XX3	O36.0920	O36.1914
O15.9	O26.41	O30.009	O30.231	O31.21X0	O31.8X15	O34.01	O35.6XX4	O36.0921	O36.1915
O16.1	O26.42	O30.011	O30.232	O31.21X1	O31.8X19	O34.02	O35.6XX5	O36.0922	O36.1919
O16.2	O26.43	O30.012	O30.233	O31.21X2	O31.8X20	O34.03	O35.6XX9	O36.0923	O36.1920
O16.3	O26.611	O30.013	O30.239	O31.21X3	O31.8X21	O34.30	O35.8XX0	O36.0924	O36.1921
O16.9	O26.612	O30.019	O30.291	O31.21X4	O31.8X22	O34.31	O35.8XX1	O36.0925	O36.1922
O36.1923	O36.5110	O36.5994	O36.73X1	O36.8235	O40.3XX2	O41.8X29	O43.231	O46.012	O98.012
O36.1924	O36.5111	O36.5995	O36.73X2	O36.8239	O40.3XX3	O41.8X30	O43.232	O46.013	O98.013
O36.1925	O36.5112	O36.5999	O36.73X3	O36.8290	O40.3XX4	O41.8X31	O43.233	O46.019	O98.019
O36.1929	O36.5113	O36.60X0	O36.73X4	O36.8291	O40.3XX5	O41.8X32	O43.239	O46.021	O98.111
O36.1930	O36.5114	O36.60X1	O36.73X5	O36.8292	O40.3XX9	O41.8X33	O43.811	O46.022	O98.112
O36.1931	O36.5115	O36.60X2	O36.73X9	O36.8293	O40.9XX0	O41.8X34	O43.812	O46.023	O98.113
O36.1932	O36.5119	O36.60X3	O36.80X0	O36.8294	O40.9XX1	O41.8X35	O43.813	O46.029	O98.119
O36.1933	O36.5120	O36.60X4	O36.80X1	O36.8295	O40.9XX2	O41.8X39	O43.819	O46.091	O98.411
O36.1934	O36.5121	O36.60X5	O36.80X2	O36.8299	O40.9XX3	O42.00	O44.00	O46.092	O98.412
O36.1935	O36.5122	O36.60X9	O36.80X3	O36.8310	O40.9XX4	O42.011	O44.01	O46.093	O98.413
O36.1939	O36.5123	O36.61X0	O36.80X4	O36.8311	O40.9XX5	O42.012	O44.02	O46.099	O98.419
O36.1990	O36.5124	O36.61X1	O36.80X5	O36.8312	O40.9XX9	O42.013	O44.03	O46.8X1	O98.511
O36.1991	O36.5125	O36.61X2	O36.80X9	O36.8313	O41.00X0	O42.019	O44.10	O46.8X2	O98.512
O36.1992	O36.5129	O36.61X3	O36.8120	O36.8314	O41.00X1	O42.02	O44.11	O46.8X3	O98.513
O36.1993	O36.5130	O36.61X4	O36.8121	O36.8315	O41.00X2	O42.10	O44.12	O46.8X9	O98.519
O36.1994	O36.5131	O36.61X5	O36.8122	O36.8319	O41.00X3	O42.111	O44.13	O46.90	O98.611
O36.1995	O36.5132	O36.61X9	O36.8123	O36.8320	O41.00X4	O42.112	O44.20	O46.91	O98.612
O36.1999	O36.5133	O36.62X0	O36.8124	O36.8321	O41.00X5	O42.113	O44.21	O46.92	O98.613
O36.20X0	O36.5134	O36.62X1	O36.8125	O36.8322	O41.00X9	O42.119	O44.22	O46.93	O98.619
O36.20X1	O36.5135	O36.62X2	O36.8129	O36.8323	O41.01X0	O42.912	O44.23	O48.0	O98.711
O36.20X2	O36.5139	O36.62X3	O36.8130	O36.8324	O41.01X1	O42.913	O44.30	O60.00	O98.712

O36.20X3	O36.5190	O36.62X4	O36.8131	O36.8325	O41.01X2	O42.919	O44.31	O60.02	O98.713
O36.20X4	O36.5191	O36.62X5	O36.8132	O36.8329	O41.01X3	O43.012	O44.32	O60.03	O98.719
O36.20X5	O36.5192	O36.62X9	O36.8133	O36.8330	O41.01X4	O43.013	O44.33	O60.10X0	O98.811
O36.20X9	O36.5193	O36.63X0	O36.8134	O36.8331	O41.01X5	O43.019	O44.40	O60.10X1	O98.812
O36.21X0	O36.5194	O36.63X1	O36.8135	O36.8332	O41.01X9	O43.021	O44.41	O60.10X2	O98.813
O36.21X1	O36.5195	O36.63X2	O36.8139	O36.8333	O41.02X0	O43.022	O44.42	O60.10X3	O98.819
O36.21X2	O36.5199	O36.63X3	O36.8190	O36.8334	O41.02X1	O43.023	O44.43	O60.10X4	O98.919
O36.21X3	O36.5910	O36.63X4	O36.8191	O36.8335	O41.02X2	O43.029	O44.50	O60.10X5	O99.011
O36.21X4	O36.5911	O36.63X5	O36.8192	O36.8339	O41.02X3	O43.101	O44.51	O60.10X9	O99.012
O36.21X5	O36.5912	O36.63X9	O36.8193	O36.8390	O41.02X4	O43.102	O44.52	O60.12X0	O99.013
O36.21X9	O36.5913	O36.70X0	O36.8194	O36.8391	O41.02X5	O43.103	O44.53	O60.12X1	O99.019
O36.22X0	O36.5914	O36.70X1	O36.8195	O36.8392	O41.02X9	O43.109	O45.001	O60.12X2	O99.111
O36.22X1	O36.5915	O36.70X2	O36.8199	O36.8393	O41.03X0	O43.111	O45.002	O60.12X3	O99.112
O36.22X2	O36.5919	O36.70X3	O36.8210	O36.8394	O41.03X1	O43.112	O45.003	O60.12X4	O99.113
O36.22X3	O36.5920	O36.70X4	O36.8211	O36.8395	O41.03X2	O43.113	O45.009	O60.12X5	O99.119
O36.22X4	O36.5921	O36.70X5	O36.8212	O36.8399	O41.03X3	O43.119	O45.011	O60.12X9	O99.210
O36.22X5	O36.5922	O36.70X9	O36.8213	O40.1XX0	O41.03X4	O43.121	O45.012	O60.13X0	O99.211
O36.22X9	O36.5923	O36.71X0	O36.8214	O40.1XX1	O41.03X5	O43.122	O45.013	O60.13X1	O99.212
O36.23X0	O36.5924	O36.71X1	O36.8215	O40.1XX2	O41.03X9	O43.123	O45.019	O60.13X2	O99.213
O36.23X1	O36.5925	O36.71X2	O36.8219	O40.1XX3	O41.8X10	O43.129	O45.021	O60.13X3	O99.280
O36.23X2	O36.5929	O36.71X3	O36.8220	O40.1XX4	O41.8X11	O43.191	O45.022	O60.13X4	O99.281
O36.23X3	O36.5930	O36.71X4	O36.8221	O40.1XX5	O41.8X12	O43.192	O45.023	O60.13X5	O99.282
O36.23X4	O36.5931	O36.71X5	O36.8222	O40.1XX9	O41.8X13	O43.193	O45.029	O60.13X9	O99.283
O36.23X5	O36.5932	O36.71X9	O36.8223	O40.2XX0	O41.8X14	O43.199	O45.091	O60.14X0	O99.310
O36.23X9	O36.5933	O36.72X0	O36.8224	O40.2XX1	O41.8X15	O43.211	O45.092	O60.14X1	O99.311
O36.4XX0	O36.5934	O36.72X1	O36.8225	O40.2XX2	O41.8X19	O43.212	O45.093	O60.14X2	O99.312
O36.4XX1	O36.5935	O36.72X2	O36.8229	O40.2XX3	O41.8X20	O43.213	O45.099	O60.14X3	O99.313
O36.4XX2	O36.5939	O36.72X3	O36.8230	O40.2XX4	O41.8X21	O43.219	O46.001	O60.14X4	O99.320
O36.4XX3	O36.5990	O36.72X4	O36.8231	O40.2XX5	O41.8X22	O43.221	O46.002	O60.14X5	O99.321
O36.4XX4	O36.5991	O36.72X5	O36.8232	O40.2XX9	O41.8X23	O43.222	O46.003	O60.14X9	O99.322
O36.4XX5	O36.5992	O36.72X9	O36.8233	O40.3XX0	O41.8X24	O43.223	O46.009	O71.9	O99.323
O36.4XX9	O36.5993	O36.73X0	O36.8234	O40.3XX1	O41.8X25	O43.229	O46.011	O98.011	O99.330
O99.331	O99.333	O99.513	O99.810	O99.841	O99.843	O9A.111	O9A.113	O9A.211	O9A.213
O99.332	O99.512	O99.519	O99.840	O99.842	O99.89	O9A.112	O9A.119	O9A.212	O9A.219
U07.1	Z03.818	Z20.828	Q51.3	U07.2	Z20.821	Z21			