

Local Coverage Article: MoIDX: MECP2 Genetic Testing Coding and Billing Guidelines (A53574)

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Contractor Information

CONTRACTOR NAME	CONTRACT TYPE	CONTRACT NUMBER	JURISDICTION	STATE(S)
Palmetto GBA	A and B MAC	10111 - MAC A	J - J	Alabama
Palmetto GBA	A and B MAC	10112 - MAC B	J - J	Alabama
Palmetto GBA	A and B MAC	10211 - MAC A	J - J	Georgia
Palmetto GBA	A and B MAC	10212 - MAC B	J - J	Georgia
Palmetto GBA	A and B MAC	10311 - MAC A	J - J	Tennessee
Palmetto GBA	A and B MAC	10312 - MAC B	J - J	Tennessee
Palmetto GBA	A and B and HHH MAC	11201 - MAC A	J - M	South Carolina
Palmetto GBA	A and B and HHH MAC	11202 - MAC B	J - M	South Carolina
Palmetto GBA	A and B and HHH MAC	11301 - MAC A	J - M	Virginia
Palmetto GBA	A and B and HHH MAC	11302 - MAC B	J - M	Virginia
Palmetto GBA	A and B and HHH MAC	11401 - MAC A	J - M	West Virginia
Palmetto GBA	A and B and HHH MAC	11402 - MAC B	J - M	West Virginia
Palmetto GBA	A and B and HHH MAC	11501 - MAC A	J - M	North Carolina
Palmetto GBA	A and B and HHH MAC	11502 - MAC B	J - M	North Carolina

Article Information

General Information

Article ID

A53574

Original Effective Date

10/01/2015

Original ICD-9 Article ID[A53575](#)**Revision Effective Date**

01/01/2019

Article Title

MoIDX: MECP2 Genetic Testing Coding and Billing Guidelines

Revision Ending Date

N/A

AMA CPT / ADA CDT / AHA NUBC Copyright Statement**Retirement Date**

N/A

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Article Guidance

Article Text:

Effective for dates of service on and after February 19, 2013

Mutations found in methyl CpG binding protein 2(MECP2) are associated with Rett syndrome. In classic Rett syndrome, suspected cases are identified through specific clinical criteria in female children ages 1-5. Genetic testing is used to confirm the clinical findings. Since 99% of classic cases result in a single random mutation, genetic testing is not useful to screen carriers. Therefore, the MoIDX Team has determined that MECP2 genetic testing is not a Medicare benefit and is a statutorily excluded service. In addition to single disease testing, MoIDX will also deny panels of tests that include a MECP2 gene test as a statutorily excluded service.

To receive a MECP2 test denial, please submit the following claim information:

- Appropriate CPT codes:
 - 81302- MECP2, full gene sequence

- 81303- MECP2, known familial variant
 - 81304- MECP2, duplication/deletion variants
 - 81470 – X-linked intellectual disability genomic sequence analysis panel
 - 81471 – X-linked intellectual disability genomic sequence analysis panel duplication / deletion
 - 81479-MECP2, panel
- An Advance Beneficiary Notice (ABN) is not required for statutorily excluded services
 - For a voluntary issued ABN, append with GX HCPCS modifier
 - To indicate a statutorily excluded service, append with a GY HCPCS modifier
- Select the appropriate diagnosis for the patient
- Enter DEX Z-Code™ identifier adjacent to the CPT code in the comment/narrative field for the following Part B claim field/types
 - Loop 2400 or SV101-7 for the 5010A1 837P
 - Box 19 for paper claim
- Enter DEX Z-Code™ identifier adjacent to the CPT code in the comment/narrative field for the following Part A claim field/types:
 - Line SV202-7 for 837I electronic claim
 - Block 80 for the UB04 claim form

Reference: Sec. 1862 (1)(A) Statutory Exclusion covers diagnostic testing “except for items and services that are not reasonable and necessary for the diagnosis or treatment of illness or injury or to improve the functioning of a malformed body member,…”

Coding Information

Bill Type Codes:

Contractors may specify Bill Types to help providers identify those Bill Types typically used to report this service. Absence of a Bill Type does not guarantee that the policy does not apply to that Bill Type. Complete absence of all Bill Types indicates that coverage is not influenced by Bill Type and the policy should be assumed to apply equally to all claims.

N/A

Revenue Codes:

Contractors may specify Revenue Codes to help providers identify those Revenue Codes typically used to report this service. In most instances Revenue Codes are purely advisory. Unless specified in the policy, services reported under other Revenue Codes are equally subject to this coverage determination. Complete absence of all Revenue Codes indicates that coverage is not influenced by Revenue Code and the policy should be assumed to apply equally to all Revenue Codes.

N/A

CPT/HCPCS Codes**Group 1 Paragraph:**

N/A

Group 1 Codes:

CODE	DESCRIPTION
81302	MECP2 (METHYL CPG BINDING PROTEIN 2) (EG, RETT SYNDROME) GENE ANALYSIS; FULL SEQUENCE ANALYSIS
81303	MECP2 (METHYL CPG BINDING PROTEIN 2) (EG, RETT SYNDROME) GENE ANALYSIS; KNOWN FAMILIAL VARIANT
81304	MECP2 (METHYL CPG BINDING PROTEIN 2) (EG, RETT SYNDROME) GENE ANALYSIS; DUPLICATION/DELETION VARIANTS
81470	X-LINKED INTELLECTUAL DISABILITY (XLID) (EG, SYNDROMIC AND NON-SYNDROMIC XLID); GENOMIC SEQUENCE ANALYSIS PANEL, MUST INCLUDE SEQUENCING OF AT LEAST 60 GENES, INCLUDING ARX, ATRX, CDKL5, FGD1, FMR1, HUWE1, IL1RAPL, KDM5C, L1CAM, MECP2, MED12, MID1, OCRL, RPS6KA3, AND SLC16A2
81471	X-LINKED INTELLECTUAL DISABILITY (XLID) (EG, SYNDROMIC AND NON-SYNDROMIC XLID); DUPLICATION/DELETION GENE ANALYSIS, MUST INCLUDE ANALYSIS OF AT LEAST 60 GENES, INCLUDING ARX, ATRX, CDKL5, FGD1, FMR1, HUWE1, IL1RAPL, KDM5C, L1CAM, MECP2, MED12, MID1, OCRL, RPS6KA3, AND SLC16A2
81479	UNLISTED MOLECULAR PATHOLOGY PROCEDURE

ICD-10 Codes that are Covered

N/A

ICD-10 Codes that are Not Covered

N/A

Revision History Information

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION
01/01/2019	R7	Added 81470 and 81471 to the article. Added all CPT codes: 81302, 81303, 81304, 81470, 81471, 81479 to CPT/HCPCS Codes Group 1. This change is due to the CPT/HCPCS 2019 Annual Update and is effective 1/1/19.

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION
02/26/2018	R6	The Jurisdiction "J" Part A and Part B Contracts for Alabama (10111/10112), Georgia (10211/10212) and Tennessee (10311/10312) are now being serviced by Palmetto GBA. Effective 02/26/18, these 6 contract numbers are being added to this article. No coverage, coding or other substantive changes (beyond the addition of the 6 Part A and B contract numbers) have been completed in this revision.
07/06/2017	R5	Added Part A contractor numbers to article.
06/29/2017	R4	Updated Part A and Part B Billing Instructions
11/19/2015	R3	Changed "MoIDX ID (MID) field" back to read SV101-7
11/19/2015	R2	Replace Palmetto reference with MoIDX and replaced SV101-7 with MoIDX ID (MID) field
10/01/2015	R1	Added CPT Code 81479 to "Appropriate CPT Code for test" bulletpoint.

Associated Documents

Related Local Coverage Document(s)

N/A

Related National Coverage Document(s)

N/A

Statutory Requirements URL(s)

N/A

Rules and Regulations URL(s)

N/A

CMS Manual Explanations URL(s)

N/A

Other URL(s)

N/A

Public Version(s)

Updated on 12/21/2018 with effective dates 01/01/2019 - N/A

Updated on 01/31/2018 with effective dates 02/26/2018 - N/A

Some older versions have been archived. Please visit the MCD Archive Site to retrieve them.

Keywords

N/A