Local Coverage Article:
MolDX: SMPD1 Genetic Testing Coding and Billing Guidelines (A53624)

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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
A53624

Original ICD-9 Article ID
A53625

Article Title
MolDX: SMPD1 Genetic Testing Coding and Billing Guidelines

AMA CPT / ADA CDT / AHA NUBC Copyright Statement

Original Effective Date
10/01/2015

Revision Effective Date
01/01/2019

Revision Ending Date
N/A

Retirement Date
N/A

Article Guidance

Article Text:

Effective for dates of service on and after February 7, 2013.

Mutations found in sphingomyelin phosphodiesterase 1, (SMPD1) acid lysomal, are associated with Niemann-Pick Disease, characterized by acid sphingomyelinase (ASM) deficiency. For infants and children, SMPD1 genetic testing is used to confirm the clinical findings from blood tests to diagnose ASM. Genetic testing for adults is used to screen the population for potential carriers of the mutation. Therefore, the MolDX team has determined that SMPD1 genetic testing is not a Medicare benefit and is a statutorily excluded service. In addition to single disease testing, MolDX will also deny panels of tests that include a SMPD1 gene test as a statutorily excluded service.

To receive a SMPD1 test denial, please submit the following claim information:

- CPT code 81330- SMPD1, common variants

- CPT code 81412 – Ashkenazi Jewish Associated Disorders
    - For a voluntary issued ABN, append with GX modifier
    - To indicate a statutorily excluded service, append with a GY modifierAn Advance Beneficiary Notice (ABN) is not required for statutorily excluded services
- 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 A claim field/types:
    - Line SV202-7 for 837I electronic claim
    - Block 80 for the UB04 claim form
- 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

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
81330	SMPD1(SPHINGOMYELIN PHOSPHODIESTERASE 1, ACID LYSOSOMAL) (EG, NIEMANN-PICK DISEASE, TYPE A) GENE ANALYSIS, COMMON VARIANTS (EG, R496L, L302P, FSP330)
81412	ASHKENAZI JEWISH ASSOCIATED DISORDERS (EG, BLOOM SYNDROME, CANAVAN DISEASE, CYSTIC FIBROSIS, FAMILIAL DYSAUTONOMIA, FANCONI ANEMIA GROUP C, GAUCHER DISEASE, TAY-SACHS DISEASE), GENOMIC SEQUENCE ANALYSIS PANEL, MUST INCLUDE SEQUENCING OF AT LEAST 9 GENES, INCLUDING ASPA, BLM, CFTR, FANCC, GBA, HEXA, IKBKAP, MCOLN1, AND SMPD1

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	R5	Deleted 81403 and added 81412 the article. Added all CPT code: 81330 and 81412 to CPT/HCPCS Codes Group 1. CPT code 81330 was previously in the article, but not in the CPT/HCPCS Codes Group 1 field. This change is due to the CPT/HCPCS 2019 Annual Update and is effective 1/1/19.
02/26/2018	R4	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.
10/26/2017	R3	Annual review completed. Added Part A contracts and DEX Z-Code identifier information.
10/29/2015	R2	Annual review completed. Replaced reference to Palmetto and/or Palmetto GBA with MolDX
10/29/2015	R1	Annual review completed, no changes needed

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